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# JD Edwards EnterpriseOne 8.12 Application Integrations with Oracle PeopleSoft Enterprise Applications Implementation Guide

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**April 2006**

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# Contents

## General Preface

<b>About This Documentation Preface .....</b>	<b>xxv</b>
JD Edwards EnterpriseOne Application Prerequisites.....	xxv
Application Fundamentals.....	xxv
Documentation Updates and Printed Documentation.....	xxvi
Obtaining Documentation Updates.....	xxvi
Ordering Printed Documentation.....	xxvi
Additional Resources.....	xxvii
Typographical Conventions and Visual Cues.....	xxviii
Typographical Conventions.....	xxviii
Visual Cues.....	xxix
Country, Region, and Industry Identifiers.....	xxix
Currency Codes.....	xxx
Comments and Suggestions.....	xxx
Common Fields Used in Implementation Guides.....	xxx

## Preface

<b>JD Edwards EnterpriseOne Applications Integrations with PeopleSoft Enterprise Applications Preface.....</b>	<b>xxxiii</b>
Oracle Products.....	xxxiii
JD Edwards EnterpriseOne Application Fundamentals.....	xxxiv

## Part 1

# Integrating JD Edwards EnterpriseOne Applications with PeopleSoft Enterprise Applications

## Chapter 1

<b>Getting Started with JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications.....</b>	<b>3</b>
JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications Overview.....	3
JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications Implementation.....	4

Implementation Steps.....	4
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## Chapter 2

<b>Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications.....</b>	<b>7</b>
Table Conversion Programs.....	7
Realtime Events.....	8
Adapter Services.....	8
Interface Flows.....	9
Integration Flows.....	9
Integration Points.....	9
Batch Loads.....	10
Incremental Synchronizations.....	11

## Chapter 3

<b>Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems.....</b>	<b>13</b>
Understanding Installation and Configuration Steps.....	13
Understanding the Integration Architecture.....	15
Setting Up the Integration Environment in the PeopleSoft Enterprise System.....	15
Prerequisite.....	16
Pages Used to Set Up the Integration Environment.....	16
Setting Up the Local Gateway.....	17
Activating Message Channels.....	17
Activating Messages.....	17
Activating Message Nodes.....	18
Setting Up Node Definitions.....	18
Setting Up Integration Transactions.....	19
Adding Channels to Permissions.....	19
Activating Message Subscriptions.....	19
Setting Up the Integration Environment in the JD Edwards EnterpriseOne System.....	20
Setting Up Unicode Flat File Encoding.....	20
Setting Up the Export Folder for Table Conversions.....	20
Activating Realtime Events.....	20



**Chapter 4**

<b>Setting Up Integrations in the Integration Server.....</b>	<b>21</b>
Understanding the Integration Server.....	21
Understanding Integration Options.....	21
Understanding Cross-References.....	21
Setting Up Dependent Packages.....	22
Setting Up the JD Edwards EnterpriseOne Adapter.....	22
Pages Used to Set Up the JD Edwards EnterpriseOne Adapter.....	22
Enabling the JD Edwards EnterpriseOne Adapter.....	23
Enabling the JD Edwards EnterpriseOne Adapter Listener.....	23
Enabling JD Edwards EnterpriseOne Adapter Listener Notifications.....	23
Setting Up Integration Options and Cross References.....	24
Setting Up Integration Options.....	25
Setting Up Cross References.....	25
Setting Up for High-Volume Transactions.....	25
Pages Used to Set Up for High-Volume Transactions.....	25
Setting Connection Management Properties for the JDBC Adapter.....	26
Setting Connection Management Properties for the JD Edwards EnterpriseOne Adapter.....	27
Setting the Integration Server Memory Size.....	28

**Part 2****Integrating JD Edwards EnterpriseOne General Accounting with PeopleSoft Enterprise General Ledger****Chapter 5**

<b>Understanding the JD Edwards EnterpriseOne General Accounting to PeopleSoft Enterprise General Ledger Integration.....</b>	<b>31</b>
Release Levels.....	31
Business Process.....	31
Integration Architecture.....	32
Field Structure Comparison Between the JD Edwards EnterpriseOne System and the PeopleSoft Enterprise System.....	33
Assumptions and Requirements of the Integration Process.....	36

**Chapter 6**

<b>Setting Up the JD Edwards EnterpriseOne to PeopleSoft Enterprise General Ledger Integration.....</b>	<b>39</b>
Setting Up the PeopleSoft Enterprise System for the General Ledger Integration.....	39

Setting Up the General Ledger Integration in the Integration Server.....	40
Setting Up Integration Options for the General Ledger Integration.....	40

## Chapter 7

### **Using the JD Edwards EnterpriseOne to PeopleSoft Enterprise General Ledger Integration.....41**

Understanding the Export of JD Edwards EnterpriseOne General Accounting Balances to the PeopleSoft Enterprise System.....	41
Understanding the Structure of the F0902_OUT.txt File.....	41
Exporting JD Edwards EnterpriseOne General Accounting Balances to the PeopleSoft Enterprise System.....	43
Setting Data Selection for the Generate Outbound Account Balances Program.....	43
Setting Processing Options for Generate Outbound Account Balances (R89F0902).....	43
Running the Generate Outbound Account Balances Program in the JD Edwards EnterpriseOne System.....	44
Running the Batch Integration in the Integration Server for the General Ledger Integration.....	44
Importing and Mapping ChartField Values in the PeopleSoft Enterprise System.....	45
Understanding Processing of the PS_LEDGER_OUT-yyyymmdd-hhmmss.txt File in the PeopleSoft Enterprise System.....	45
Pages Used to Import and Map ChartField Values in the PeopleSoft Enterprise System.....	45
Import the PS_LEDGER_OUT-yyyymmdd-hhmmss.txt File to the Target Ledger in the PeopleSoft Enterprise System.....	46
Defining ChartField Mapping Rules in the PeopleSoft Enterprise System.....	47
Creating ChartField Mapping Sets in the PeopleSoft Enterprise System.....	48
Converting the Imported Ledger to the Second (or Consolidation) PeopleSoft Enterprise Ledger.....	49

## Part 3

### **Integrating PeopleSoft Enterprise Treasury with JD Edwards EnterpriseOne General Accounting**

## Chapter 8

### **Understanding the Treasury Integration.....53**

Release Levels.....	53
Business Process.....	53
Integration Architecture.....	54
Integration Architecture for the Batch Load of Market Rates.....	54
Integration Architecture for the Incremental Synchronization of Market Rates.....	55

Integration Architecture for the Transfer of Journal Entries.....	56
Integration Architecture for the Transfer of Bank Statements.....	57
Integration Architecture for the Retrieval of Financial Data for the Cash Position Worksheet.....	58
Integration Points.....	59
Integration Points for the Integration of Market Rates.....	60
Integration Points for the Transfer of Journal Entries.....	60
Integration Point for the Transfer of Bank Statements.....	61

## Chapter 9

<b>Setting Up the PeopleSoft Enterprise Treasury with JD Edwards EnterpriseOne</b>	
<b>General Accounting Integration.....</b>	<b>63</b>
Understanding Setup and Implementation Considerations.....	63
Setting Up the Treasury Integration in the PeopleSoft Enterprise Database.....	64
Prerequisites.....	64
Pages Used to Set Up the Treasury Integration in the PeopleSoft Enterprise Database.....	64
Setting Up Treasury Installation Options.....	65
Activating Integration Transactions for the Treasury Integration.....	65
Activating Messages for the Treasury Integration.....	66
Activating Message Channels for the Treasury Integration.....	67
Adding Channels to Permissions for the Treasury Integration.....	67
Activating Message Subscriptions for the Treasury Integration.....	67
Setting Up the Cash Position Worksheet Integration.....	67
Understanding the CPW Integration Process.....	68
Pages Used to Map the CPW Integration.....	68
Setting Up the Treasury Integration in the Integration Server.....	69
Understanding Utility Services.....	69
Prerequisites.....	70
Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the Treasury Integration.....	70
Setting Up Integration Options for the Treasury Integration.....	70

## Chapter 10

<b>Setting Up Prerequisite Data for the Treasury Integration.....</b>	<b>77</b>
Setting Up Manual Data for the Treasury Integration.....	77
Loading Market Rates for the Treasury Integration.....	78
Understanding the Process of Loading Market Rates into the PeopleSoft Enterprise Treasury System.....	78
Understanding the Incremental Synchronization of Market Rates for the Treasury Integration.....	79
Prerequisites.....	79

Setting Processing Options for the Currency Exchange Batch Upload Program (R8900F0015).....	80
Running Batch Integrations of Market Rates in the Integration Server.....	80

## Chapter 11

<b>Using the PeopleSoft Enterprise Treasury with JD Edwards EnterpriseOne General Accounting Integration.....</b>	<b>81</b>
Sending Journal Entries from PeopleSoft Enterprise Treasury to JD Edwards EnterpriseOne General Accounting.....	81
Understanding the Journal Entry Process.....	81
Forms Used to Process Journal Entries in JD Edwards EnterpriseOne General Accounting.....	82
Running the Journal Entries Batch Processor Program (R09110Z).....	82
Running the General Ledger Post Program (R09801).....	83
Sending Bank Statements from PeopleSoft Enterprise Treasury to JD Edwards EnterpriseOne General Accounting.....	83
Retrieving Data from JD Edwards EnterpriseOne for the PeopleSoft Enterprise Cash Position Worksheet.....	83

## Part 4

### Integrating PeopleSoft Enterprise HRMS with JD Edwards EnterpriseOne Address Book

## Chapter 12

<b>Understanding the PeopleSoft Enterprise HRMS to JD Edwards EnterpriseOne Address Book Integration.....</b>	<b>87</b>
Release Levels.....	87
Business Process.....	87
Integration Architecture.....	88

## Chapter 13

<b>Setting Up the PeopleSoft Enterprise HRMS to JD Edwards EnterpriseOne Address Book Integration.....</b>	<b>91</b>
Setting Up the HRMS to Address Book Integration in the PeopleSoft Enterprise Database.....	91
Prerequisites.....	91
Pages Used to Set Up the HRMS to Address Book Integration in the PeopleSoft Enterprise Database.....	92
Verifying Message Channel Setup for the HRMS to Address Book Integration.....	92
Activating Message Subscriptions for the HRMS to Address Book Integration.....	92

Setting Up Integration Transactions for the HRMS to Address Book Integration.....	92
Activating the FULLSYNC Message for the HRMS to Address Book Integration.....	93
Setting Up Message Transformations in the PeopleSoft Enterprise Database.....	94
Understanding the Required Message Transformations.....	94
Pages Used to Define Relationships.....	94
Defining a Relationship to Convert the PERSON_BASIC_FULLSYNC Message Version.....	95
Defining a Relationship to Convert the PERSON_BASIC_SYNC Message Version.....	96
Defining a Relationship to Remove the IsChanged Attribute.....	96
Setting Up the HRMS to Address Book Integration in the Integration Server.....	97
Setting Up Integration Options for the HRMS to Address Book Integration.....	97

## Chapter 14

<b>Setting Up Prerequisite Data for the HRMS to Address Book Integration.....</b>	<b>99</b>
Setting Up Manual Data for the HRMS to Address Book Integration.....	99
Set Up Cross-References for the HRMS to Address Book Integration.....	100
Understanding Key Cross-References for the HRMS to Address Book Integration.....	100
Setting Up Code Cross-References for the HRMS to Address Book Integration.....	101

## Chapter 15

<b>Using the PeopleSoft Enterprise HRMS to JD Edwards EnterpriseOne Address Book Integration.....</b>	<b>105</b>
Executing the FULLSYNC Integration.....	105
Executing the SYNC Integration.....	105

## Part 5

# Integrating PeopleSoft Enterprise Payroll Applications with JD Edwards EnterpriseOne General Ledger

## Chapter 16

<b>Understanding the PeopleSoft Enterprise Payroll Applications to JD Edwards EnterpriseOne General Ledger Integration.....</b>	<b>109</b>
Release Levels.....	109
Business Process.....	109
Integration Architecture.....	110
Integration Architecture for the Import of Currency Exchange Rates Process.....	110
Integration Architecture for the Processing of Payroll Data.....	111
Integration Points.....	112

## Chapter 17

<b>Setting Up the PeopleSoft Enterprise Payroll Applications with JD Edwards EnterpriseOne General Ledger Integration.....</b>	<b>117</b>
Setting Up the Payroll to General Ledger Integration in the PeopleSoft Enterprise Database.....	117
Setting Up the Payroll to General Ledger Integration in the Integration Server.....	117
Prerequisite.....	117
Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the Payroll to General Ledger Integration.....	118
Setting Up Integration Options for the Payroll to General Ledger Integration.....	118

## Chapter 18

<b>Setting Up Prerequisite Data for the Payroll to General Ledger Integration.....</b>	<b>125</b>
Setting Up Currency Code Cross References.....	125
Loading Master Data for the Payroll to General Ledger Integration.....	126
Understanding the Loading of JD Edwards EnterpriseOne Data into PeopleSoft Enterprise Tables for the Payroll to General Ledger Integration.....	126
Understanding the Synchronization of Master Data for the Payroll to General Ledger Integration.....	129
Prerequisites.....	130
Setting Processing Options for Business Unit Batch Load (R8900F0006).....	130
Setting Processing Options for Account Master Batch Load (R8909F0901).....	131
Running Batch Integrations in the Integration Server for the Payroll to General Ledger Integration.....	132
Reviewing the Data in the PeopleSoft Enterprise Database.....	132

## Chapter 19

<b>Configuring and Mapping Data in PeopleSoft Enterprise Tables.....</b>	<b>133</b>
--	------------

## Chapter 20

<b>Using the PeopleSoft Enterprise Payroll to JD Edwards EnterpriseOne General Ledger Integration.....</b>	<b>135</b>
Understanding the Posting of Accounting Lines.....	135
Retrieving Currency Exchange Rates.....	136
Preparing and Posting Accounting Lines from PeopleSoft Enterprise Payroll Applications to JD Edwards EnterpriseOne General Ledger.....	136
Processing PeopleSoft Enterprise Payroll Data in JD Edwards EnterpriseOne General Ledger.....	136
Understanding the JD Edwards EnterpriseOne General Ledger Process for PeopleSoft Enterprise Payroll Transactions.....	137

Forms Used to Process PeopleSoft Enterprise Payroll Data in JD Edwards EnterpriseOne General Ledger.....	137
Locating Payroll Batch Transactions in the JD Edwards EnterpriseOne System.....	137
Reviewing and Revising Payroll Batch Transactions in the JD Edwards EnterpriseOne System.....	138
Setting Processing Options for Journal Entries Batch Processor (R09110Z).....	139
Running the Journal Entries Batch Processor (R09110Z).....	140
Processing PeopleSoft Enterprise Payroll Batch Transactions in the JD Edwards EnterpriseOne System.....	140
Posting JD Edwards EnterpriseOne Journal Entries.....	141

## Chapter 21

<b>Handling Data Errors in Batch Posting.....</b>	<b>143</b>
Understanding Data Error Handling.....	143
Correcting Errors in the Journal Entry Transactions - Batch File Table.....	144
Identifying Data to be Purged and Reprocessed.....	145
Purging the Batch of F0911Z1 Records.....	145
Resetting and Reposting the Payroll Accounting Lines.....	146

## Part 6

# Integrating PeopleSoft Enterprise CRM Order Capture with the JD Edwards EnterpriseOne System

## Chapter 22

<b>Understanding the PeopleSoft Enterprise CRM Order Capture with JD Edwards EnterpriseOne Integration.....</b>	<b>149</b>
Release Levels.....	149
Business Process.....	149
Integration Architecture.....	150
Integration Architecture for the Sales Order Creation Process.....	150
Integration Architecture for the Sales Quote Creation Process.....	151
Integration Architecture for the Sales Order Status Update Process.....	152
Integration Architecture for the Advanced Shipment Notice Process.....	153
Integration Architecture for the Get Item Availability Process.....	154
Integration Points.....	155
Integration Points for Initial Batch Loads.....	156
Integration Points for Incremental Synchronizations.....	156
Integration Points for Transactions.....	158

**Chapter 23****Setting Up the PeopleSoft Enterprise CRM Order Capture with JD Edwards**

<b>EnterpriseOne Integration.....</b>	<b>161</b>
Setting Up the CRM Order Capture Integration in PeopleSoft Enterprise CRM.....	161
Prerequisites.....	161
Pages Used to Set Up the CRM Order Capture Integration in PeopleSoft Enterprise CRM.....	162
Activating Message Channels for the CRM Order Capture Integration.....	162
Activating Messages for the CRM Order Capture Integration.....	163
Setting Up Integration Transactions for the CRM Order Capture Integration.....	163
Activating Message Subscriptions for the CRM Order Capture Integration.....	164
Setting Up Outbound Customer Messages.....	165
Setting Up the Fulfillment Node.....	165
Setting Up Header Status Mappings for the Fulfillment Node.....	166
Setting Up Line Status Mappings for the Fulfillment Node.....	167
Setting Up the CRM Order Capture Integration in the Integration Server.....	168
Prerequisite.....	169
Setting Up Adapter Services for the CRM Order Capture Integration.....	169
Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the CRM Order Capture Integration.....	169
Setting Up Integration Options for the CRM Order Capture Integration.....	169

**Chapter 24****Setting Up Prerequisite Data for the CRM Order Capture Integration.....183**

Setting Up Manual Data for the CRM Order Capture Integration.....	183
Loading Master Data for the CRM Order Capture Integration.....	184
Understanding the Loading JD Edwards EnterpriseOne Data into PeopleSoft Enterprise Tables for the CRM Order Capture Integration.....	185
Understanding the Incremental Synchronization of Master Data for the CRM Order Capture Integration.....	188
Prerequisites.....	189
Setting Processing Options for Item Master Batch Load (R8941F4101).....	190
Setting Processing Options for Item Base Price Batch Load (R8945F4106).....	190
Setting Processing Options for Customer Master Batch Load (R8903F0301).....	191
Setting Processing Options for Contacts Batch Load (R8901F0111).....	191
Running Batch Integrations in the Integration Server for the CRM Order Capture Integration.....	191
Setting Up Cross-References for the CRM Order Capture Integration.....	192
Understanding Key Cross-References for the CRM Order Capture Integration.....	192
Setting Up Key Cross-References for the CRM Order Capture Integration.....	194
Setting Up Code Cross-References for the CRM Order Capture Integration.....	195



**Chapter 25****Using the PeopleSoft Enterprise CRM Order Capture with JD Edwards**

<b>EnterpriseOne Integration.....</b>	<b>197</b>
Understanding the Order Capture - Add Order Process.....	197
Understanding the Order Capture - Add Quote Process.....	197
Understanding Item Availability Checking.....	197
Understanding Sales Order Shipment Processing.....	198
Understanding Sales Order Status Updates.....	198

**Part 7****Integrating PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne****Chapter 26****Understanding the PeopleSoft Enterprise CRM Marketing with JD Edwards**

<b>EnterpriseOne Integration.....</b>	<b>201</b>
Release Levels.....	201
Business Process.....	201
Integration Points.....	202
Integration Points for Initial Batch Loads.....	203
Integration Points for Incremental Synchronizations.....	203
Integration Point for the Import of Leads.....	204

**Chapter 27****Setting Up the PeopleSoft Enterprise CRM Marketing with JD Edwards**

<b>EnterpriseOne Integration.....</b>	<b>205</b>
Setting Up the CRM Marketing Integration in PeopleSoft Enterprise CRM.....	205
Prerequisites.....	205
Page Used to Set Up the CRM Marketing Integration in PeopleSoft Enterprise CRM.....	206
Activating Message Channels for the CRM Marketing Integration.....	206
Activating Messages for the CRM Marketing Integration.....	206
Setting Up Integration Transactions for the CRM Marketing Integration.....	206
Activating Message Subscriptions for the CRM Marketing Integration.....	207
Setting Up Outbound Customer Messages.....	207
Setting Up the CRM Marketing Integration in the Integration Server.....	208
Prerequisite.....	208
Setting Up Adapter Services for the CRM Marketing Integration.....	208

Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the CRM Order Capture Integration.....	209
Setting Up Integration Options for the CRM Marketing Integration.....	209

## Chapter 28

<b>Setting Up Prerequisite Data for the PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne Integration.....</b>	<b>219</b>
Setting Up Manual Data for the CRM Marketing Integration.....	219
Loading Master Data for the CRM Marketing Integration.....	220
Understanding the Loading JD Edwards EnterpriseOne Data into PeopleSoft Enterprise Tables for the CRM Marketing Integration.....	221
Understanding the Incremental Synchronization of Master Data for the CRM Marketing Integration.....	223
Prerequisites.....	224
Setting Processing Options for Customer Master Batch Load (R8903F0301).....	224
Setting Processing Options for Contacts Batch Load (R8901F0111).....	225
Running Batch Integrations in the Integration Server for the CRM Marketing Integration.....	225
Setting Up Cross-References for the CRM Marketing Integration.....	226
Understanding Key Cross-References for the CRM Marketing Integration.....	226
Setting Up Key Cross-References for the CRM Marketing Integration.....	228
Setting Up Code Cross-References for the CRM Marketing Integration.....	228

## Chapter 29

<b>Using the PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne Integration.....</b>	<b>231</b>
Importing Leads.....	231
Understanding the Lead Import Process.....	231
Exporting Leads from PeopleSoft Enterprise Marketing.....	231
Modifying the Leads CSV File.....	232
Importing Leads in the JD Edwards EnterpriseOne System.....	233

## Part 8

### Integrating PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement

**Chapter 30**

<b>Understanding the Integration of PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement.....</b>	<b>237</b>
Release Levels.....	237
Business Process.....	237
Integration Architecture.....	238
Integration Architecture for the Buy Event Process.....	238
Integration Architecture for the Tiered-Pricing Event Process.....	239
Integration Architecture for Supplier/Vendor Creation Process.....	240
Integration Points.....	241
Integration Points for Initial Batch Loads.....	242
Integration Points for Incremental Synchronizations.....	243
Integration Points for Transactions.....	244
Assumptions for Implementation.....	245

**Chapter 31**

<b>Setting Up the PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement Integration.....</b>	<b>247</b>
Setting Up the Strategic Sourcing Integration in the PeopleSoft Enterprise Database.....	247
Prerequisites.....	247
Pages Used to Set Up the Strategic Sourcing Integration in the PeopleSoft Enterprise Database.....	248
Activating Message Channels for the Strategic Sourcing Integration.....	248
Activating Messages for the Strategic Sourcing Integration.....	248
Setting Up Integration Transactions for the Strategic Sourcing Integration.....	249
Adding Channels to Permissions for the Strategic Sourcing Integration.....	250
Activating Message Subscriptions for the Strategic Sourcing Integration.....	250
Increasing the Size of the Account ChartField.....	251
Setting Up the External Integration and Node in the PeopleSoft Enterprise System.....	252
Setting Up Vendor Tax and Payment Information.....	253
Setting Up the Strategic Sourcing Integration in the Integration Server.....	253
Prerequisite.....	253
Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the Strategic Sourcing Integration.....	253
Setting Up Integration Options for the Strategic Sourcing Integration.....	254

**Chapter 32**

<b>Setting Up Prerequisite Data for the Strategic Sourcing Integration.....</b>	<b>265</b>
Setting Up Manual Data for the Strategic Sourcing Integration.....	265

Loading Master Data for the Strategic Sourcing Integration.....	268
Understanding the Loading JD Edwards EnterpriseOne Data into PeopleSoft Enterprise Tables for the Strategic Sourcing Integration.....	268
Understanding the Synchronization of Master Data for the Strategic Sourcing Integration.....	274
Prerequisites.....	276
Setting Processing Options for Account Master Batch Load (R8909F0901).....	277
Setting Processing Options for Supplier Master Batch Load (R8901F0401).....	278
Setting Processing Options for Item Master Batch Load (R8941F4101).....	278
Setting Processing Options for Item Cost Batch Load (R8941F4105).....	278
Setting Processing Options for Supplier Price Batch Load - F41061 (R8945F4161).....	279
Setting Processing Options for Unit of Measure Batch Load (R89F41002).....	279
Running Batch Integrations in the Integration Server for the Strategic Sourcing Integration.....	280
Setting Up Cross-References for the Strategic Sourcing Integration.....	281
Setting Up Key Cross-References for the Strategic Sourcing Integration.....	281
Setting Up Code Cross-References for the Strategic Sourcing Integration.....	284

## Chapter 33

<b>Using the PeopleSoft Enterprise Strategic Sourcing to JD Edwards EnterpriseOne Procurement Integration.....</b>	<b>285</b>
Understanding the Award to Purchase Order or Blanket Order Process.....	285
Understanding the Update Tiered Pricing Process.....	286
Understanding the Supplier/Vendor Creation Process.....	287
Awarding Events.....	287
Pages Used to Award Events.....	287
Awarding to a Purchase Order or Blanket Order.....	288
Updating Tiered Pricing Information.....	288
Creating a Supplier/Vendor Record for a Bidder.....	289

## Part 9

# Integrating PeopleSoft Enterprise eProcurement with JD Edwards EnterpriseOne Procurement

## Chapter 34

<b>Understanding the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement Integration.....</b>	<b>293</b>
Release Levels for the eProcurement Integration.....	293
Business Process for the eProcurement Integration.....	293

Integration Architecture for the eProcurement Integration.....	294
Integration Architecture for Purchase Order Creation Process.....	295
Integration Architecture for the Purchase Order Hold Release Process.....	296
Integration Architecture for the PeopleSoft Enterprise Purchase Order Dispatch Process.....	297
Integration Architecture for the JD Edwards EnterpriseOne Purchase Order Dispatch Process.....	298
Integration Architecture for the PeopleSoft Enterprise Receipt Process.....	299
Integration Architecture for the JD Edwards EnterpriseOne Receipt Process.....	300
Integration Architecture for the Purchase Order Close Process.....	300
Integration Points for the eProcurement Integration.....	301
Integration Points for Initial Batch Loads.....	302
Integration Points for Incremental Synchronizations.....	303
Integration Points for Transactions.....	305
Assumptions for Implementation of the eProcurement Integration.....	308

## Chapter 35

<b>Setting Up the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement Integration.....</b>	<b>309</b>
Setting Up the eProcurement Integration in the PeopleSoft Enterprise Database.....	309
Prerequisites.....	309
Page Used to Set Up the eProcurement Integration in the PeopleSoft Enterprise Database.....	310
Activating Message Channels for the eProcurement Integration.....	310
Activating Messages for the eProcurement Integration.....	310
Setting Up Integration Transactions for the eProcurement Integration.....	311
Adding Channels to Permissions for the eProcurement Integration.....	312
Adding Component Interfaces to Permissions for the eProcurement Integration.....	312
Activating Message Subscriptions for the eProcurement Integration.....	312
Increasing the Size of the Account ChartField.....	313
Setting Up the PeopleSoft eProcurement for Integration.....	315
Pages Used to Set Up the eProcurement Business Unit Integration Options.....	315
Setting Up PeopleSoft eProcurement Business Unit Options.....	315
Setting Up Autonumbering for Purchase Orders.....	316
Disabling Document Tolerance.....	317
Setting Up the eProcurement Integration in the Integration Server.....	318
Prerequisite.....	318
Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the eProcurement Integration.....	318
Setting Up Integration Options for the eProcurement Integration.....	318

## Chapter 36

<b>Setting Up Prerequisite Data for the eProcurement Integration.....</b>	<b>333</b>
Setting Up Manual Data for the eProcurement Integration.....	333
Loading Master Data for the eProcurement Integration.....	338
Understanding the Process of Loading JD Edwards EnterpriseOne Data into PeopleSoft Enterprise Tables for the eProcurement Integration.....	339
Understanding the Incremental Synchronization of Master Data for the eProcurement Integration.....	344
Prerequisites.....	346
Setting Processing Options for Account Master Batch Load (R8909F0901).....	346
Setting Processing Options for Supplier Master Batch Load (R8901F0401).....	347
Setting Processing Options for Item Master Batch Load (R8941F4101).....	347
Setting Processing Options for Item Cost Batch Load (R8941F4105).....	348
Setting Processing Options for Supplier Price Batch Load - F41061 (R8945F4161).....	348
Setting Processing Options for Address Book Master Batch Load (R8901F0101).....	349
Setting Processing Options for Unit of Measure Batch Load (R89F41002).....	349
Running Batch Integrations in the Integration Server for the eProcurement Integration.....	349
Setting Up Cross-References for the eProcurement Integration.....	350
Setting Up Key Cross-References for the eProcurement Integration.....	351
Setting Up Code Cross-References for the eProcurement Integration.....	354

## Chapter 37

<b>Using the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement Integration.....</b>	<b>355</b>
Understanding the Integration of Purchase Orders.....	355
Understanding Purchase Order Creation in the PeopleSoft Enterprise System.....	356
Understanding Purchase Order Changes in the PeopleSoft Enterprise System.....	358
Understanding Purchase Order Cancellations in the PeopleSoft Enterprise System.....	360
Understanding Purchase Order Hold Releases in the JD Edwards EnterpriseOne System.....	360
Understanding Purchase Order Dispatching in the PeopleSoft Enterprise System.....	361
Understanding Purchase Order Dispatching in the JD Edwards EnterpriseOne System.....	361
Understanding Purchase Order Receipt Creation in the PeopleSoft Enterprise System.....	362
Understanding Purchase Order Receipt Creation in the JD Edwards EnterpriseOne System.....	362
Understanding Purchase Order Closes in the JD Edwards EnterpriseOne System.....	363

## Part 10

# Integrating PeopleSoft Enterprise Learning Management with the JD Edwards EnterpriseOne System

**Chapter 38**

<b>Understanding the PeopleSoft Enterprise Learning Management with JD Edwards EnterpriseOne Integration.....</b>	<b>367</b>
Release Levels.....	367
Business Process.....	367
Integration Architecture.....	368
Integration Architecture for the Objectives to Competencies Process.....	368
Integration Architecture for the Chargeback Process.....	369
Integration Points.....	371
Integration Points for Initial Batch Loads.....	371
Integration Points for Incremental Synchronizations.....	377
Integration Points for Transactions.....	382
Assumptions and Setup Considerations.....	383

**Chapter 39**

<b>Setting Up the PeopleSoft Enterprise Learning Management with JD Edwards EnterpriseOne Integration.....</b>	<b>385</b>
Setting Up the Learning Management Integration in the PeopleSoft Enterprise Database.....	385
Prerequisites.....	385
Pages Used to Set Up Message Transformations.....	386
Activating Message Channels for the Learning Management Integration.....	386
Activating Messages for the Learning Management Integration.....	386
Setting Up Integration Transactions for the Learning Management Integration.....	388
Adding Channels to Permissions for the Learning Management Integration.....	390
Activating Message Subscriptions for the Learning Management Integration.....	390
Setting Up Message Transformations for the Learning Management Integration.....	391
Setting Up the Learning Management Integration in the Integration Server.....	394
Prerequisite.....	394
Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the Learning Management Integration.....	395
Setting Up Integration Options for the Learning Management Integration.....	395

**Chapter 40**

<b>Setting Up Prerequisite Data for the Learning Management Integration.....</b>	<b>405</b>
Setting Up Manual Data in the JD Edwards EnterpriseOne System for the Learning Management Integration.....	405
Forms Used to Set Up Manual Data in the JD Edwards EnterpriseOne System for the Learning Management Integration.....	406
Setting Up the Date Format.....	406

Setting Up External System Roles in the JD Edwards EnterpriseOne System.....	406
Setting Up Manual Data in the PeopleSoft Enterprise System for the Learning Management Integration.....	407
Pages Used to Set Up Manual Data in the PeopleSoft Enterprise System for the Learning Management Integration.....	408
Adding the FMSE1 SetID.....	408
Adding the Current Market Rate Type.....	408
Setting Up the HRCOMP External Source Code.....	409
Setting Up Relationship Properties.....	409
Setting Up Corresponding Data in Both Systems.....	410
Setting Up Cross-References for the Learning Management Integration.....	410
Understanding Key Cross-References for the Learning Management Integration.....	410
Setting Up Code Cross-References for the Learning Management Integration.....	412
Loading Master Data for the Learning Management Integration.....	414
Understanding the Process of Loading JD Edwards EnterpriseOne Data into PeopleSoft Enterprise Learning Management Tables.....	415
Understanding the Incremental Synchronization of Master Data for the Learning Management Integration.....	422
Prerequisites.....	429
Setting Processing Options for the Update External System Job Descriptions Program (R080025).....	430
Setting Processing Options for the Account Master Batch Load Program (R8909F0901).....	430
Setting Processing Options for the Business Unit Batch Load Program (R8900F0006).....	431
Setting Processing Options for the Batch Load Outbound Job Descriptions Program (R89F080601).....	431
Setting Processing Options for the Currency Exchange Batch Upload Program (R8900F0015).....	432
Setting Processing Options for the User Profile Batch Load Program (R89F0092B).....	432
Setting Processing Options for the Address Book Master Batch Load (R8901F0101).....	432
Running Batch Integrations in the Integration Server for the Learning Management Integration.....	433

## Chapter 41

<b>Using the PeopleSoft Enterprise Learning Management with JD Edwards EnterpriseOne Integration.....</b>	<b>437</b>
Sending PeopleSoft Enterprise Learning Management Data Objectives to JD Edwards EnterpriseOne Competencies.....	437
Understanding the Objectives to Competencies Process.....	437
Form Used to Process Competency Data in the JD Edwards EnterpriseOne System.....	438
Running the Inbound Resource Competency Transaction Program (R05100Z1).....	438
Setting Processing Options for the Inbound Resource Competency Transaction Program (R05100Z1).....	438



Transmitting Chargeback Data from PeopleSoft Enterprise Learning Management to JD Edwards EnterpriseOne General Accounting.....	439
Understanding the Chargeback Process.....	439
Forms Used to Process Chargeback Data in JD Edwards EnterpriseOne General Accounting.....	440
Running the Journal Entries Batch Processor Program (R09110Z).....	440
Running the General Ledger Post Program (R09801).....	440

## **Part 11**

# **Integrating PeopleSoft Enterprise Inventory with JD Edwards EnterpriseOne Inventory Management**

### **Chapter 42**

<b>Understanding the Item Master Integration.....</b>	<b>443</b>
Release Levels.....	443
Business Process.....	443
Item Master Integration Architecture.....	444
Integration Architecture for the Initial Load of Items.....	444
Integration Architecture for the Incremental Synchronization of Items.....	445
Integration Points for the Item Master Integration.....	445
Field Structure Comparison Between the PeopleSoft Enterprise System and the JD Edwards EnterpriseOne System.....	446
Assumptions for Implementing the Item Master Integration.....	448

### **Chapter 43**

<b>Setting Up the Item Master Integration.....</b>	<b>449</b>
Setting Up the Item Master Integration in the PeopleSoft Enterprise Database.....	449
Prerequisites.....	449
Page Used to Set Up the Item Master Integration in the PeopleSoft Enterprise Database.....	449
Activating Message Channels for the Item Master Integration.....	450
Activating Messages for the Item Master Integration.....	450
Setting Up Integration Transactions for the Item Master Integration.....	450
Adding Channels to Permissions for the Item Master Integration.....	450
Activating Message Subscriptions for the Item Master Integration.....	451
Activating the ITEM_FULLSYNC_EFF Message for the Item Master Integration.....	451
Setting Up the Item Master Integration in the Integration Server.....	451
Prerequisite.....	452
Setting Up Integration Options for the Item Master Integration.....	452

## Chapter 44

<b>Setting Up Prerequisite Data for the Item Master Integration.....</b>	<b>455</b>
Setting Up Cross-References for the Item Master Integration.....	455
Setting Up Code Cross-References for the Item Master Integration.....	455

## Chapter 45

<b>Using the Item Master Integration.....</b>	<b>457</b>
Running the Initial Load of Items.....	457
Page Used to Run the Initial Load of Items.....	457
Instigating the Initial Load of Items in the PeopleSoft Enterprise System.....	457
Moving Item Records to the Item Master Table in the JD Edwards EnterpriseOne System.....	458

## Part 12

# Integrating PeopleSoft Enterprise Internal Controls Enforcer with the JD Edwards EnterpriseOne System

## Chapter 46

<b>Understanding the Internal Controls Enforcer Integration.....</b>	<b>461</b>
Release Levels.....	461
Integration Architecture for the Internal Controls Enforcer Integration.....	461
Diagnostics for the Internal Controls Enforcer Integration.....	462
Integration Points for the Internal Controls Enforcer Integration.....	462
Journal Options.....	464
Accounts Receivable Aging Settings.....	464
Credit Limits.....	465
Write Off Audit.....	465
Accounts Payable Match Audit.....	470
Accounts Payable Match Audit Processing Options.....	470
Duplicate Invoice Check.....	471
Duplicate Invoice Check Processing Options.....	471
Get Expense Approval.....	472
Accounts Payable Segregation of Duties.....	472

## Chapter 47

<b>Setting up the Internal Controls Enforcer Integration in the Integration Server.....</b>	<b>475</b>
Prerequisite.....	475

Setting Up Integration Options for the Internal Controls Enforcer Integration.....	475
<b>Glossary of JD Edwards EnterpriseOne Terms.....</b>	<b>477</b>
<b>Index .....</b>	<b>487</b>



# About This Documentation Preface

JD Edwards EnterpriseOne implementation guides provide you with the information that you need to implement and use JD Edwards EnterpriseOne applications from Oracle.

This preface discusses:

- JD Edwards EnterpriseOne application prerequisites.
- Application fundamentals.
- Documentation updates and printed documentation.
- Additional resources.
- Typographical conventions and visual cues.
- Comments and suggestions.
- Common fields in implementation guides.

---

**Note.** Implementation guides document only elements, such as fields and check boxes, that require additional explanation. If an element is not documented with the process or task in which it is used, then either it requires no additional explanation or it is documented with common fields for the section, chapter, implementation guide, or product line. Fields that are common to all JD Edwards EnterpriseOne applications are defined in this preface.

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## JD Edwards EnterpriseOne Application Prerequisites

To benefit fully from the information that is covered in these books, you should have a basic understanding of how to use JD Edwards EnterpriseOne applications.

You might also want to complete at least one introductory training course, if applicable.

You should be familiar with navigating the system and adding, updating, and deleting information by using JD Edwards EnterpriseOne menus, forms, or windows. You should also be comfortable using the World Wide Web and the Microsoft Windows or Windows NT graphical user interface.

These books do not review navigation and other basics. They present the information that you need to use the system and implement your JD Edwards EnterpriseOne applications most effectively.

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## Application Fundamentals

Each application implementation guide provides implementation and processing information for your JD Edwards EnterpriseOne applications.

For some applications, additional, essential information describing the setup and design of your system appears in a companion volume of documentation called the application fundamentals implementation guide. Most product lines have a version of the application fundamentals implementation guide. The preface of each implementation guide identifies the application fundamentals implementation guides that are associated with that implementation guide.

The application fundamentals implementation guide consists of important topics that apply to many or all JD Edwards EnterpriseOne applications. Whether you are implementing a single application, some combination of applications within the product line, or the entire product line, you should be familiar with the contents of the appropriate application fundamentals implementation guides. They provide the starting points for fundamental implementation tasks.

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## Documentation Updates and Printed Documentation

This section discusses how to:

- Obtain documentation updates.
- Order printed documentation.

### Obtaining Documentation Updates

You can find updates and additional documentation for this release, as well as previous releases, on Oracle's PeopleSoft Customer Connection website. Through the Documentation section of Oracle's PeopleSoft Customer Connection, you can download files to add to your Implementation Guides Library. You'll find a variety of useful and timely materials, including updates to the full line of JD Edwards EnterpriseOne documentation that is delivered on your implementation guides CD-ROM.

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**Important!** Before you upgrade, you must check Oracle's PeopleSoft Customer Connection for updates to the upgrade instructions. Oracle continually posts updates as the upgrade process is refined.

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### See Also

Oracle's PeopleSoft Customer Connection, [http://www.oracle.com/support/support\\_peoplesoft.html](http://www.oracle.com/support/support_peoplesoft.html)

### Ordering Printed Documentation

You can order printed, bound volumes of the complete line of JD Edwards EnterpriseOne documentation that is delivered on your implementation guide CD-ROM. Oracle makes printed documentation available for each major release of JD Edwards EnterpriseOne shortly after the software is shipped. Customers and partners can order this printed documentation by using any of these methods:

- Web
- Telephone
- Email

#### Web

From the Documentation section of Oracle's PeopleSoft Customer Connection website, access the PeopleBooks Press website under the Ordering PeopleBooks topic. Use a credit card, money order, cashier's check, or purchase order to place your order.

#### Telephone

Contact MMA Partners, the book print vendor, at 877 588 2525.

## Email

Send email to MMA Partners at [peoplebookspress@mmapartner.com](mailto:peoplebookspress@mmapartner.com).

## See Also

Oracle's PeopleSoft Customer Connection, [http://www.oracle.com/support/support\\_peoplesoft.html](http://www.oracle.com/support/support_peoplesoft.html)

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## Additional Resources

The following resources are located on Oracle's PeopleSoft Customer Connection website:

Resource	Navigation
Application maintenance information	Updates + Fixes
Business process diagrams	Support, Documentation, Business Process Maps
Interactive Services Repository	Support, Documentation, Interactive Services Repository
Hardware and software requirements	Implement, Optimize, and Upgrade; Implementation Guide; Implementation Documentation and Software; Hardware and Software Requirements
Installation guides	Implement, Optimize, and Upgrade; Implementation Guide; Implementation Documentation and Software; Installation Guides and Notes
Integration information	Implement, Optimize, and Upgrade; Implementation Guide; Implementation Documentation and Software; Pre-Built Integrations for PeopleSoft Enterprise and JD Edwards EnterpriseOne Applications
Minimum technical requirements (MTRs) (JD Edwards EnterpriseOne only)	Implement, Optimize, and Upgrade; Implementation Guide; Supported Platforms
Documentation updates	Support, Documentation, Documentation Updates
Implementation guides support policy	Support, Support Policy
Prerelease notes	Support, Documentation, Documentation Updates, Category, Release Notes
Product release roadmap	Support, Roadmaps + Schedules
Release notes	Support, Documentation, Documentation Updates, Category, Release Notes
Release value proposition	Support, Documentation, Documentation Updates, Category, Release Value Proposition
Statement of direction	Support, Documentation, Documentation Updates, Category, Statement of Direction

Resource	Navigation
Troubleshooting information	Support, Troubleshooting
Upgrade documentation	Support, Documentation, Upgrade Documentation and Scripts

## Typographical Conventions and Visual Cues

This section discusses:

- Typographical conventions.
- Visual cues.
- Country, region, and industry identifiers.
- Currency codes.

### Typographical Conventions

This table contains the typographical conventions that are used in implementation guides:

Typographical Convention or Visual Cue	Description
<b>Bold</b>	Indicates PeopleCode function names, business function names, event names, system function names, method names, language constructs, and PeopleCode reserved words that must be included literally in the function call.
<i>Italics</i>	Indicates field values, emphasis, and JD Edwards EnterpriseOne or other book-length publication titles. In PeopleCode syntax, italic items are placeholders for arguments that your program must supply.  We also use italics when we refer to words as words or letters as letters, as in the following: Enter the letter <i>O</i> .
KEY+KEY	Indicates a key combination action. For example, a plus sign (+) between keys means that you must hold down the first key while you press the second key. For ALT+W, hold down the ALT key while you press the W key.
Monospace font	Indicates a PeopleCode program or other code example.
“ ” (quotation marks)	Indicate chapter titles in cross-references and words that are used differently from their intended meanings.



Typographical Convention or Visual Cue	Description
... (ellipses)	Indicate that the preceding item or series can be repeated any number of times in PeopleCode syntax.
{ } (curly braces)	Indicate a choice between two options in PeopleCode syntax. Options are separated by a pipe ( ).
[ ] (square brackets)	Indicate optional items in PeopleCode syntax.
& (ampersand)	When placed before a parameter in PeopleCode syntax, an ampersand indicates that the parameter is an already instantiated object.  Ampersands also precede all PeopleCode variables.

## Visual Cues

Implementation guides contain the following visual cues.

### Notes

Notes indicate information that you should pay particular attention to as you work with the JD Edwards EnterpriseOne system.

---

**Note.** Example of a note.

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If the note is preceded by *Important!*, the note is crucial and includes information that concerns what you must do for the system to function properly.

---

**Important!** Example of an important note.

---

### Warnings

Warnings indicate crucial configuration considerations. Pay close attention to warning messages.

---

**Warning!** Example of a warning.

---

### Cross-References

Implementation guides provide cross-references either under the heading “See Also” or on a separate line preceded by the word *See*. Cross-references lead to other documentation that is pertinent to the immediately preceding documentation.

## Country, Region, and Industry Identifiers

Information that applies only to a specific country, region, or industry is preceded by a standard identifier in parentheses. This identifier typically appears at the beginning of a section heading, but it may also appear at the beginning of a note or other text.

Example of a country-specific heading: “(FRA) Hiring an Employee”

Example of a region-specific heading: “(Latin America) Setting Up Depreciation”

## Country Identifiers

Countries are identified with the International Organization for Standardization (ISO) country code.

## Region Identifiers

Regions are identified by the region name. The following region identifiers may appear in implementation guides:

- Asia Pacific
- Europe
- Latin America
- North America

## Industry Identifiers

Industries are identified by the industry name or by an abbreviation for that industry. The following industry identifiers may appear in implementation guides:

- USF (U.S. Federal)
- E&G (Education and Government)

## Currency Codes

Monetary amounts are identified by the ISO currency code.

---

## Comments and Suggestions

Your comments are important to us. We encourage you to tell us what you like, or what you would like to see changed about implementation guides and other Oracle reference and training materials. Please send your suggestions to Documentation Manager, Oracle Corporation, 7604 Technology Way, Denver, CO, 80237. Or email us at [documentation\\_us@oracle.com](mailto:documentation_us@oracle.com).

While we cannot guarantee to answer every email message, we will pay careful attention to your comments and suggestions.

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## Common Fields Used in Implementation Guides

### Address Book Number

Enter a unique number that identifies the master record for the entity. An address book number can be the identifier for a customer, supplier, company, employee, applicant, participant, tenant, location, and so on. Depending on the application, the field on the form might refer to the address book number as the customer number, supplier number, or company number, employee or applicant ID, participant number, and so on.

<b>As If Currency Code</b>	Enter the three-character code to specify the currency that you want to use to view transaction amounts. This code enables you to view the transaction amounts as if they were entered in the specified currency rather than the foreign or domestic currency that was used when the transaction was originally entered.
<b>Batch Number</b>	Displays a number that identifies a group of transactions to be processed by the system. On entry forms, you can assign the batch number or the system can assign it through the Next Numbers program (P0002).
<b>Batch Date</b>	Enter the date in which a batch is created. If you leave this field blank, the system supplies the system date as the batch date.
<b>Batch Status</b>	<p>Displays a code from user-defined code (UDC) table 98/IC that indicates the posting status of a batch. Values are:</p> <p><i>Blank:</i> Batch is unposted and pending approval.</p> <p><i>A:</i> The batch is approved for posting, has no errors and is in balance, but has not yet been posted.</p> <p><i>D:</i> The batch posted successfully.</p> <p><i>E:</i> The batch is in error. You must correct the batch before it can post.</p> <p><i>P:</i> The system is in the process of posting the batch. The batch is unavailable until the posting process is complete. If errors occur during the post, the batch status changes to <i>E</i>.</p> <p><i>U:</i> The batch is temporarily unavailable because someone is working with it, or the batch appears to be in use because a power failure occurred while the batch was open.</p>
<b>Branch/Plant</b>	Enter a code that identifies a separate entity as a warehouse location, job, project, work center, branch, or plant in which distribution and manufacturing activities occur. In some systems, this is called a business unit.
<b>Business Unit</b>	Enter the alphanumeric code that identifies a separate entity within a business for which you want to track costs. In some systems, this is called a branch/plant.
<b>Category Code</b>	Enter the code that represents a specific category code. Category codes are user-defined codes that you customize to handle the tracking and reporting requirements of your organization.
<b>Company</b>	Enter a code that identifies a specific organization, fund, or other reporting entity. The company code must already exist in the F0010 table and must identify a reporting entity that has a complete balance sheet.
<b>Currency Code</b>	Enter the three-character code that represents the currency of the transaction. JD Edwards EnterpriseOne provides currency codes that are recognized by the International Organization for Standardization (ISO). The system stores currency codes in the F0013 table.
<b>Document Company</b>	<p>Enter the company number associated with the document. This number, used in conjunction with the document number, document type, and general ledger date, uniquely identifies an original document.</p> <p>If you assign next numbers by company and fiscal year, the system uses the document company to retrieve the correct next number for that company.</p>

If two or more original documents have the same document number and document type, you can use the document company to display the document that you want.

**Document Number**

Displays a number that identifies the original document, which can be a voucher, invoice, journal entry, or time sheet, and so on. On entry forms, you can assign the original document number or the system can assign it through the Next Numbers program.

**Document Type**

Enter the two-character UDC, from UDC table 00/DT, that identifies the origin and purpose of the transaction, such as a voucher, invoice, journal entry, or time sheet. JD Edwards EnterpriseOne reserves these prefixes for the document types indicated:

*P*: Accounts payable documents.

*R*: Accounts receivable documents.

*T*: Time and pay documents.

*I*: Inventory documents.

*O*: Purchase order documents.

*S*: Sales order documents.

**Effective Date**

Enter the date on which an address, item, transaction, or record becomes active. The meaning of this field differs, depending on the program. For example, the effective date can represent any of these dates:

- The date on which a change of address becomes effective.
- The date on which a lease becomes effective.
- The date on which a price becomes effective.
- The date on which the currency exchange rate becomes effective.
- The date on which a tax rate becomes effective.

**Fiscal Period and Fiscal Year**

Enter a number that identifies the general ledger period and year. For many programs, you can leave these fields blank to use the current fiscal period and year defined in the Company Names & Number program (P0010).

**G/L Date** (general ledger date)

Enter the date that identifies the financial period to which a transaction will be posted. The system compares the date that you enter on the transaction to the fiscal date pattern assigned to the company to retrieve the appropriate fiscal period number and year, as well as to perform date validations.

# JD Edwards EnterpriseOne Applications Integrations with PeopleSoft Enterprise Applications Preface

This preface discusses:

- Oracle products
- JD Edwards EnterpriseOne application fundamentals

---

## Oracle Products

This implementation guide refers to these products from Oracle:

- JD Edwards EnterpriseOne Accounts Receivable
- JD Edwards EnterpriseOne Address Book
- JD Edwards EnterpriseOne General Accounting
- JD Edwards EnterpriseOne Human Resources
- JD Edwards EnterpriseOne Inventory Management
- JD Edwards EnterpriseOne Procurement and Subcontractor Management
- JD Edwards EnterpriseOne Sales Order Management
- JD Edwards EnterpriseOne WSG Developer
- JD Edwards EnterpriseOne WSG Integration Server
- PeopleSoft Enterprise eProcurement
- PeopleSoft Enterprise General Ledger
- PeopleSoft Enterprise Global Payroll
- PeopleSoft Enterprise Human Resources
- PeopleSoft Enterprise Internal Controls Enforcer
- PeopleSoft Enterprise Integration Broker
- PeopleSoft Enterprise Integration Points
- PeopleSoft Enterprise Inventory
- PeopleSoft Enterprise Learning Management
- PeopleSoft Enterprise Marketing
- PeopleSoft Enterprise Order Capture
- PeopleSoft Enterprise Payroll for North America
- PeopleSoft Enterprise Strategic Sourcing

---

## JD Edwards EnterpriseOne Application Fundamentals

Additional, essential information describing the setup and design of your system appears in companion volumes of documentation called *JD Edwards EnterpriseOne Financial Management Application Fundamentals 8.12 Implementation Guide*, *JD Edwards EnterpriseOne Human Capital Management Application Fundamentals 8.12 Implementation Guide*, and *JD Edwards EnterpriseOne Customer Relationship Management Application Fundamentals 8.12 Implementation Guide*.

### See Also

*JD Edwards EnterpriseOne Financial Management Solutions Application Fundamentals 8.12 Implementation Guide*, “JD Edwards EnterpriseOne Financial Management Application Fundamentals Preface”

*JD Edwards EnterpriseOne Human Capital Management Application Fundamentals 8.12 Implementation Guide*, “JD Edwards EnterpriseOne HCM Fundamentals Preface”

*JD Edwards EnterpriseOne Customer Relationship Management Application Fundamentals 8.12 Implementation Guide*, “JD Edwards EnterpriseOne CRM Application Fundamentals Preface”

## **PART 1**

# **Integrating JD Edwards EnterpriseOne Applications with PeopleSoft Enterprise Applications**

### **Chapter 1**

**Getting Started with JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications**

### **Chapter 2**

**Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications**

### **Chapter 3**

**Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems**

### **Chapter 4**

**Setting Up Integrations in the Integration Server**





# CHAPTER 1

## Getting Started with JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications

This chapter discusses:

- JD Edwards EnterpriseOne application integrations with PeopleSoft Enterprise applications overview.
- JD Edwards EnterpriseOne application integrations with PeopleSoft Enterprise applications implementation.

---

### JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications Overview

This implementation guide documents these integrations between JD Edwards EnterpriseOne applications and PeopleSoft Enterprise applications:

- JD Edwards EnterpriseOne General Accounting with PeopleSoft Enterprise General Ledger.
- PeopleSoft Enterprise HCM with JD Edwards EnterpriseOne Address Book.
- PeopleSoft Enterprise payroll applications with JD Edwards EnterpriseOne General Accounting.
- PeopleSoft Enterprise CRM Order Management with JD Edwards EnterpriseOne.
- PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne.
- PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement.
- PeopleSoft Enterprise eProcurement with JD Edwards EnterpriseOne Procurement.
- PeopleSoft Enterprise Learning Management with JD Edwards EnterpriseOne.
- PeopleSoft Enterprise Internal Controls Enforcer with JD Edwards EnterpriseOne.
- PeopleSoft Enterprise Treasury with JD Edwards EnterpriseOne General Accounting.
- Shared Services Item Master.

These integrations enable you to use JD Edwards EnterpriseOne applications in concert with PeopleSoft Enterprise applications.

# JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications Implementation

This section provides an overview of the steps that are required to integrate JD Edwards EnterpriseOne applications with PeopleSoft Enterprise applications.

In the planning phase of your implementation, take advantage of all JD Edwards EnterpriseOne and PeopleSoft Enterprise sources of information, including the installation guides and troubleshooting information. A complete list of these resources appears in the preface in the *About This Documentation*, with information about where to find the most current version of each.

When determining which electronic software updates (ESUs) to install for JD Edwards EnterpriseOne systems, use the EnterpriseOne and World Change Assistant. EnterpriseOne and World Change Assistant, a Java-based tool, reduces the time that is required to search for and download ESUs by 75 percent or more and enables you to install multiple ESUs at one time.

See *JD Edwards EnterpriseOne Tools 8.96 Software Update Guide*

## See Also

*About This Documentation*, “About This Documentation Preface”[“About This Documentation Preface,”](#) page xxv

## Implementation Steps

Implementing a particular JD Edwards EnterpriseOne with PeopleSoft Enterprise integration must be preceded by setting up the corresponding JD Edwards EnterpriseOne and PeopleSoft Enterprise systems from Oracle.

The Getting Started chapter in the implementation guide for each of these systems contains specific implementation information for that system.

See the setup chapter for your specific integration.

After you have set up the relevant JD Edwards EnterpriseOne and PeopleSoft Enterprise systems for the integrations you are using, you must complete specific steps to set up the integration.

This table lists the general implementation steps for integrating JD Edwards EnterpriseOne applications with PeopleSoft Enterprise applications. You must complete the steps listed here as well as any additional setup steps listed in the setup chapter for your specific integration.

Step	Reference
1. In the PeopleSoft Enterprise system, set up the local gateway, activate message nodes, set up node definitions, set up integration transactions, add channels to permissions, activate message channels, activate messages, and activate message subscriptions.	<a href="#">Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Integration Environment in the PeopleSoft Enterprise System, page 15</a>
2. In the JD Edwards EnterpriseOne system, set up Unicode flat file encoding, set up the export folder for table conversions, and activate realtime events.	<a href="#">Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Integration Environment in the JD Edwards EnterpriseOne System, page 20</a>

Step	Reference
3. In the JD Edwards EnterpriseOne Integration Server, set up integration options, set up cross references, set up dependent packages, set up for high-volume transactions (optional), set up the JD Edwards EnterpriseOne Adapter.	<a href="#">Chapter 4, “Setting Up Integrations in the Integration Server,” page 21</a>



## CHAPTER 2

# Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications

This chapter discusses:

- Table conversion programs.
- Realtime events.
- Adapter services.
- Interface flows.
- Integration flows.
- Integration points.
- Batch loads.
- Incremental synchronizations.

### See Also

The Interactive Services Repository:

[http://www.oracle.com/applications/peoplesoft/dev\\_integration\\_portals/isr/index.html](http://www.oracle.com/applications/peoplesoft/dev_integration_portals/isr/index.html)

---

## Table Conversion Programs

A table conversion is a batch process that lets you manipulate data in tables at a high speed.

Many of the JD Edwards EnterpriseOne application integrations with PeopleSoft Enterprise applications use table conversions to export data from JD Edwards EnterpriseOne tables for initial batch loads of data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system. These table conversions select data from JD Edwards EnterpriseOne tables based on data selection and processing options, and write the selected data to a flat file. The table conversions place the flat files in a folder called Export in the \B9\package name\ directory in which the JD Edwards EnterpriseOne system was installed.

---

**Note.** The name of the subdirectory under the B9 directory is determined during installation and might not correspond to the name of the package that was installed.

---

You can copy or move the flat files from the Export directory to a different location before running the integration flows for the initial load of data. However, you must specify the location of the flat files in the integration options.

---

**Note.** If you are running the Integration Server on a UNIX server, the flat files generated by the table conversion programs must be stored on the same server as the Integration Server to enable the integration flows to locate the files. The location of the files must be a relative path of the path specified in the integration options using the UNIX file separator (/).

Some firewalls and network settings can interfere with the retrieval of the flat files from the designated network folder if on a different domain. If this problem occurs, copy the flat files to a share drive on the same network domain as the Integration Server.

---

You run table conversion programs from the Batch Versions program (P98305) in much the same way you run other batch programs.

See JD Edwards EnterpriseOne Tools 8.96 Development Tools: Tables and Business Views, "Converting Tables," Running Table Conversions.

For all of the table conversion programs used in these integrations, you may want to select the Clear Output Tables option. If this option is selected when you run any a table conversion program, any existing flat file in the target location is overwritten. If this option is not selected, data produced by subsequent running of the table conversion is appended to any existing flat file in the target location.

---

## Realtime Events

A realtime event (RTE) is notification to an external system that a business transaction has occurred in the JD Edwards EnterpriseOne system. External systems subscribe to the JD Edwards EnterpriseOne system to receive notification when a specific transaction occurs.

Many of the JD Edwards EnterpriseOne application integrations with PeopleSoft Enterprise applications use RTEs to export data from JD Edwards EnterpriseOne tables for the incremental synchronization of data that has already been transferred during the initial batch loads. Some integrations also use RTEs for passing transactional data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.

For these integrations, the Integration Server subscribes to the JD Edwards EnterpriseOne system to receive the RTE notifications. The Integration Server then transforms the data and passes it to the PeopleSoft Enterprise system.

---

## Adapter Services

Adapter services perform a specific operation on a resource. Adapter services exist within the context of an adapter and run on the WSG Integration Server

The JD Edwards EnterpriseOne application integrations with PeopleSoft Enterprise applications use adapter services during the transfer of data out of the JD Edwards EnterpriseOne system for incremental synchronizations of data and for the transfer of transactional data. The adapter service retrieves the RTE data and creates a published interface document (PID), which contains the data as it is transferred to an integration flow, and which is retrieved by an integration flow. Adapter services are also used for transactional and query processing to expose business functions and database tables in the JD Edwards EnterpriseOne system.

## See Also

*JD Edwards EnterpriseOne Tools Web Services Gateway 8.96 Adapter Programmer's Guide*

---

## Interface Flows

Interface flows run on the WSG Integration Server and are used to transfer data to the JD Edwards EnterpriseOne system.

The JD Edwards EnterpriseOne application integrations with PeopleSoft Enterprise applications use interface flows during the transfer of data from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system for some incremental synchronizations of data and for the transfer of transactional data.

Interface flows use PIDs to transfer data between the JD Edwards EnterpriseOne system and integration flows. For the transfer of data *into* the JD Edwards EnterpriseOne system, PIDs are generated by an integration flow and contain the data as it is transferred to an interface flow.

---

## Integration Flows

Integration flows describe the interaction between integration tasks and tie the integration logic together. Integration flows run on the WSG Integration Server.

The JD Edwards EnterpriseOne application integrations with PeopleSoft Enterprise applications use integration flow for all point-to-point integrations, including initial batch loads of data, incremental synchronizations of data, and the transfer of transactional data. The mapping and transformation of data between the JD Edwards EnterpriseOne system and the PeopleSoft Enterprise system is performed by the integration flows.

During the transfer of data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system, the integration flows retrieve either the flat files created by the table conversions (for batch loads) or the PIDs created by adapter services (for incremental synchronizations and transactions). The flows then transform the data, and create XML messages, which are received in the PeopleSoft Enterprise system by integration points (IPs).

During the transfer of data from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system, the integration flows receive XML messages from PeopleSoft Enterprise IPs, transform the data, and create PIDs, which are passed to the JD Edwards EnterpriseOne system by interface flows.

---

## Integration Points

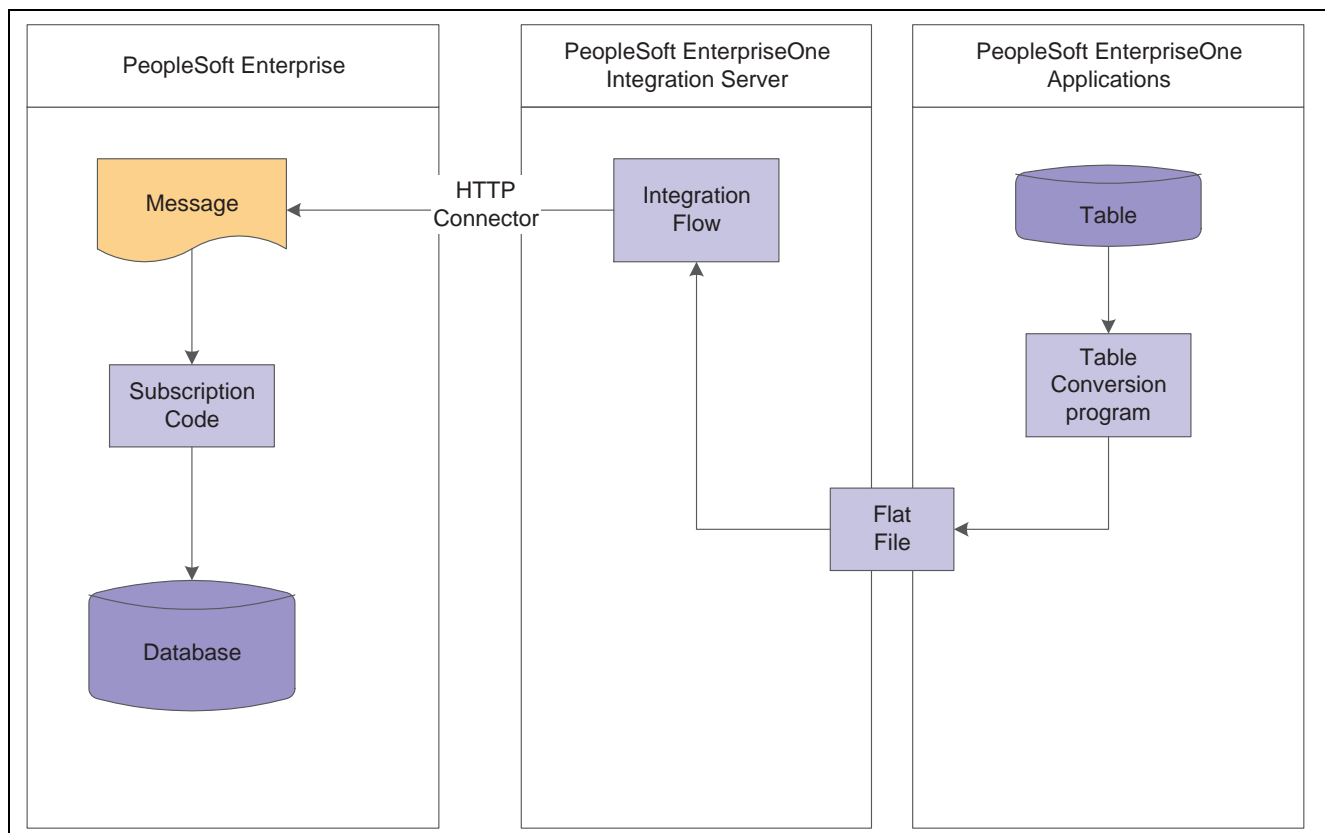
PeopleSoft Enterprise integration points are web service connections that enable PeopleSoft Enterprise applications to work with third-party systems or software and with other PeopleSoft applications.

The JD Edwards EnterpriseOne application integrations with PeopleSoft Enterprise applications use integration points to send data out of the PeopleSoft Enterprise system and to receive data in the PeopleSoft Enterprise system. During the transfer of data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system, integration flows create XML messages, which are received in the PeopleSoft Enterprise system by integration points. During the transfer of data from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system, integration points send messages that contain data from the PeopleSoft Enterprise system. The integration flows receive these messages.

## Batch Loads

Batch loads are used to load master data from one system to another and done as a prerequisite to processing integrated transactions. For most of the integrations between JD Edwards EnterpriseOne applications and PeopleSoft Enterprise applications, master data is loaded from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.

This diagram illustrates the processes of loading master data from JD Edwards EnterpriseOne applications to the PeopleSoft Enterprise system by means of batch loads:



Batch Loads diagram

To perform an initial data load:

1. Run a table conversion program in the JD Edwards EnterpriseOne system, which extracts data from the JD Edwards EnterpriseOne database and writes it to a flat file.



2. Run a batch integration in the Integration Server, which retrieves the flat file, transforms it, and creates one or more messages that are then retrieved by an IP, which writes the data to the PeopleSoft Enterprise database.

The Integration Server Dispatcher picks up the XML message and sends it to the PeopleSoft Enterprise system using HTTP.

3. (Optional). Run any additional required batch programs in the PeopleSoft Enterprise system to complete the data load process, such as the item loader or Bill of Materials (BOM) loader.

---

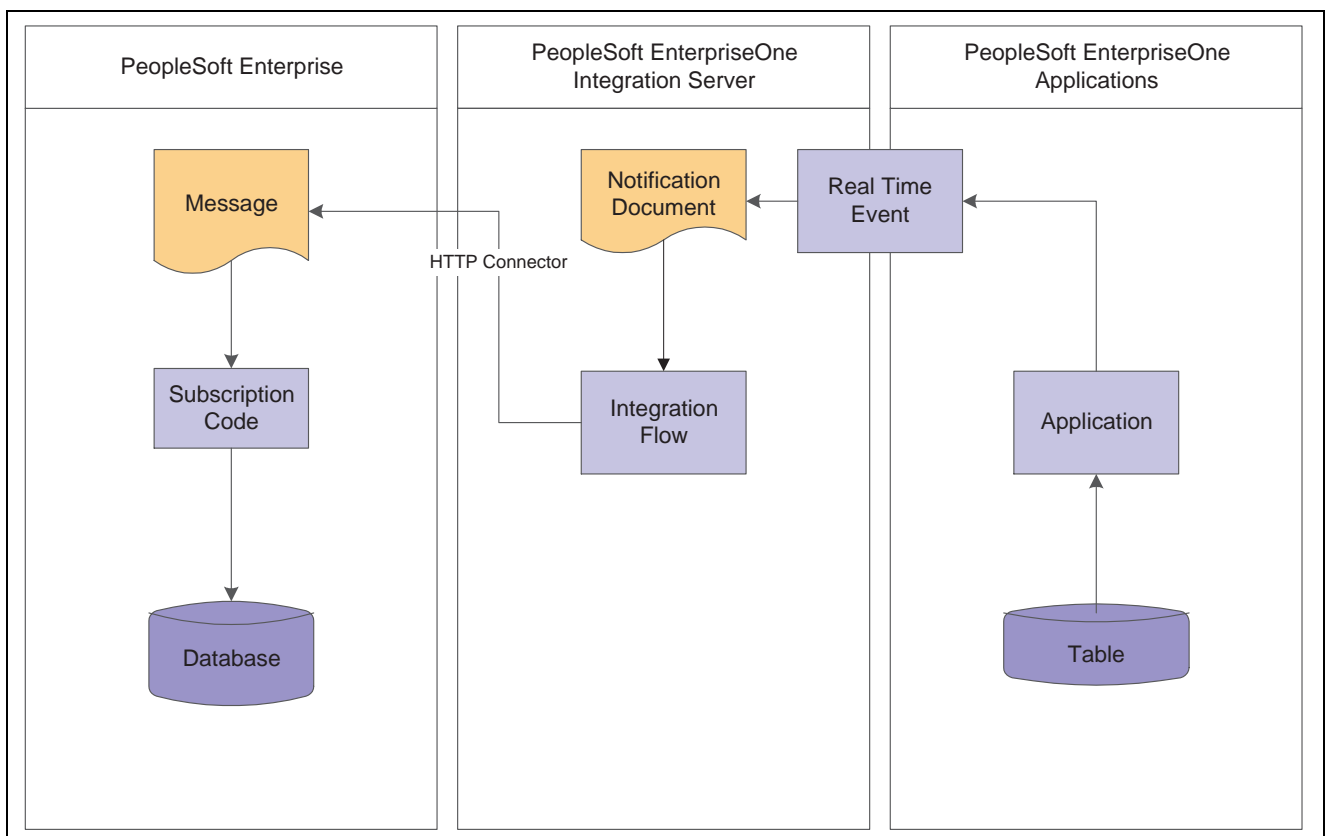
**Note.** If you are processing a large number of records, you should consider subdividing the records by using data selection and running the table conversion and batch integration multiple times to improve performance.

---

## Incremental Synchronizations

Incremental synchronizations are used to keep master data that is stored in both the JD Edwards EnterpriseOne system and the PeopleSoft Enterprise system in sync after the initial batch load of master data. For most of the integrations between JD Edwards EnterpriseOne applications and PeopleSoft Enterprise applications, incremental synchronizations transfer data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.

This diagram illustrates the incremental synchronization of master data from JD Edwards EnterpriseOne applications to the PeopleSoft Enterprise system:



Incremental Synchronizations diagram

The incremental sync integration points run automatically. They are triggered by a Realtime Event (RTE) from JD Edwards EnterpriseOne applications. The RTE from the JD Edwards EnterpriseOne system is triggered when an add, change, or delete action is performed on one or more tables by a Master Business Function (MBF), an interactive application, a Universal Batch Engine (UBE) or through another function. The RTE triggers an adapter service, which publishes a PID. An integration flow receives the PID, and transforms the JD Edwards EnterpriseOne message to a JD Edwards EnterpriseOne XML message. The XML message is retrieved by an integration point, which writes the data to the PeopleSoft Enterprise database.

## CHAPTER 3

# Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems

This chapter provides overviews of installation and configuration steps and the integration architecture and discusses how to:

- Set up the integration environment in the PeopleSoft Enterprise system.
- Set up the integration environment in the JD Edwards EnterpriseOne system.

---

## Understanding Installation and Configuration Steps

This document does not describe in detail how to install and configure the integration. You should have installed the objects associated with the integration prior to using this document. However, this section provides an overview of the general steps involved for installing an integration and gives recommendations for improving the system performance. To review information about installation and configuration, review the installation and configuration steps.

Use this table to guide you through the installation and configuration process for JD Edwards EnterpriseOne application integrations with PeopleSoft Enterprise applications. To ensure proper integration, you must perform the steps in the order listed.

---

**Note.** References to the PeopleSoft Enterprise system in this table can refer to either PeopleSoft Enterprise 8.8 or 8.9. References to the JD Edwards EnterpriseOne system refer to JD Edwards EnterpriseOne 8.12. Refer to the Minimum Technical Requirements (MTRs) for your integration to determine the correct versions.

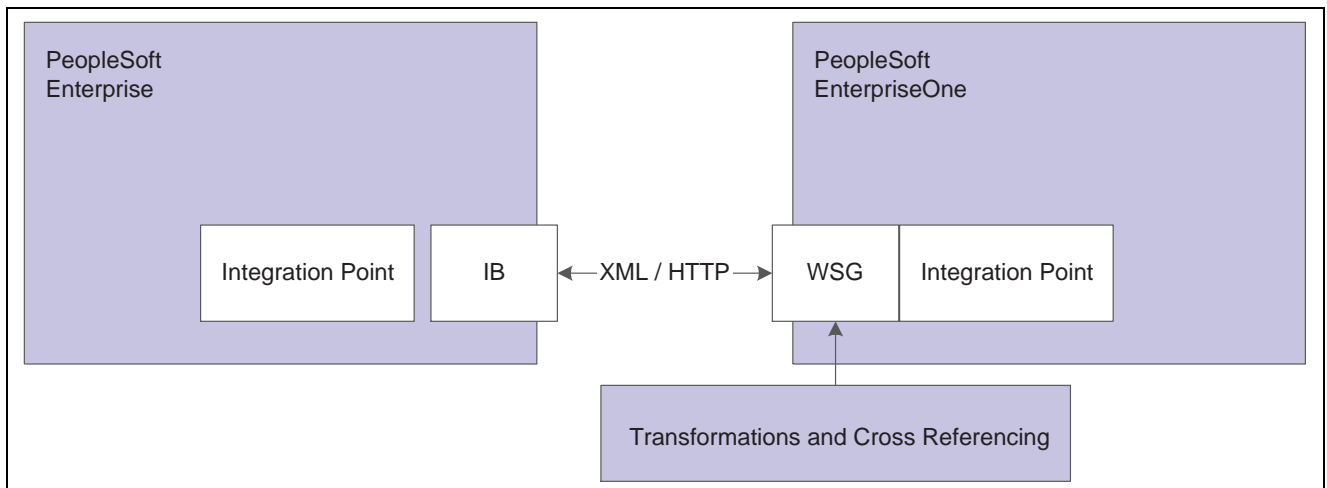
---

Step	Instruction	Notes
1	Verify that you meet the minimum technical requirements to implement the JD Edwards EnterpriseOne application integrations with PeopleSoft Enterprise applications.	See Minimum Technical Requirements (MTR) for each integration on the Customer Connect Integration Site.  On Customer Connection, click Implement, Optimize, and Upgrade; Implementation Guide; Implementation Documentation and Software, Pre-Built Integrations for PeopleSoft Enterprise and JD Edwards EnterpriseOne Applications.  Navigate from there to the page for your specific integration and then click the Minimum Technical Requirements document link.
2	Install and configure the JD Edwards EnterpriseOne system.  Apply the updates, service packs, or Electronic Software Updates (ESUs) specified in the MTR.	
3	Install and configure the PeopleSoft Enterprise system.  Apply any maintenance pack and any ICEs specified in the MTR.	
4	Install and configure JD Edwards EnterpriseOne WSG Foundation 8.96	
5	Install and configure the JD Edwards EnterpriseOne Adapter.	
6	Install and configure JDBC adapters.	This step is required for ELM, HCM, SRM, and CRM integrations and for cross-referencing data.
7	Install and configure PeopleSoft Enterprise Integration Broker nodes and channels.	
8	Install JD Edwards EnterpriseOne interface flows and Published Interface Documents (PIDs).  Apply any downloads specified in the MTR.	This step is required only for integrated solutions that support realtime updates.

Step	Instruction	Notes
9	Install and import services to the Integration Server.	See Minimum Technical Requirements
10	Set up prerequisite data, activate realtime events, configure integration options, and run initial data loads.	Individual users must be subscribed to appropriate realtime events.

## Understanding the Integration Architecture

This diagram illustrates the high level architecture for integration between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system:



Integration Architecture diagram

The PeopleSoft Enterprise system uses integration points and Integration Broker (IB). The JD Edwards EnterpriseOne system uses WSG Integration Server (IS), which includes z-file interfaces, interface flows, and other JD Edwards EnterpriseOne integration points.

Special services have been developed using WSG Integration Server technology that map, transform, and cross-reference data as it flows between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system. These services are written using the WSG Developer Tool.

For a detailed insight into these technologies, refer to the relevant technical implementation guides.

## Setting Up the Integration Environment in the PeopleSoft Enterprise System

This section lists a prerequisite and discusses how to:

- Set up the local gateway.
- Activate message channels.

- Activate messages.
- Activate message nodes.
- Set up node definitions.
- Set up integration transactions.
- Add channels to permissions.
- Activate message subscriptions.

**Note.** The tasks listed here refer to PeopleTools 8.45 and represent minimum guidelines for setting PeopleSoft Enterprise integrations. Please refer to the implementation guides for the PeopleSoft Enterprise products that you are integrating for complete information about setting up these products for integrations. Refer also to the setup chapter for your integration in this implementation guide for additional setup steps for your integration.

## See Also

*PeopleSoft Enterprise PeopleTools 8.46 Implementation Guide: Integration Broker, "Managing Integration Gateways," Administering Integration Gateways*

*PeopleSoft Enterprise Components for PeopleSoft Enterprise Financial Management Solutions, PeopleSoft Enterprise Service Automation, Asset Lifecycle Management, and Supply Chain Management 8.9 Implementation Guide, Enterprise Integration, "Activating Messaging Integration Points"*

## Prerequisite

Configure the application server for your database to be with Pub/Sub Servers active.

## Pages Used to Set Up the Integration Environment

Access these pages in the appropriate PeopleSoft Enterprise database for the integration you are using.

Page Name	Object Name	Navigation	Usage
Gateways	IB_GATEWAY	PeopleTools, Integration Broker, Configuration, Gateways	Verify the setup of the local gateway.
Node Definitions	IB_NODE	PeopleTools, Integration Broker, Integration Setup, Node Definitions	Set up internal representation of the system with which to exchange messages.
Connectors	IB_NODECON	PeopleTools, Integration Broker, Integration Setup, Node Definitions, Connectors	Verify connector properties and provide a URL that points to the JD Edwards EnterpriseOne Integration Server.
Transactions	IB_NODETRXLIST	PeopleTools, Integration Broker, Integration Setup, Node Definitions, Transactions	Verify activation of the transactions used in this integration.

Page Name	Object Name	Navigation	Usage
Permission Lists	ACL_MESSAGE_MONITOR	PeopleTools, Security, Permissions & Roles, Permission Lists	Set up channel permissions to send and receive messages in the PeopleSoft Enterprise system.
Channel Status	AMM_CHNL_STATUS	PeopleTools, Integration Broker, Monitor Integrations, Monitor Message, Channel Status	Verify the status of message channels.

## Setting Up the Local Gateway

Access the Gateways page.

To set up the local gateway:

1. Search for the gateway ID for which you have selected the Local Gateway check box.
2. Specify the gateway URL as `http://<web server name>:<port>/PSIGW/PeopleSoftListeningConnector`  
For example:  
`http://wsg27:81/PSIGW/PeopleSoftListeningConnector`
3. Click Save to save the URL first.
4. Click Load Gateway Connectors to load the connectors, and then click Save.

## Activating Message Channels

Access the Channel Status page.

Select the Run button for each channel that you need to activate.

---

**Note.** The setup chapter for each integration in this implementation guide contains a list of required message channels for that integration.

---

## Activating Messages

To activate messages:

1. Access Application Designer for the appropriate PeopleSoft Enterprise database.
2. For each message listed:
  - a. Select File, Open, Message to open the message.
  - b. Access the properties for the message object.
  - c. Ensure that you have selected the Active option in the Status box on the Use tab, and then click OK.
  - d. Save the message.

---

**Note.** The setup chapter for each integration in this implementation guide contains a list of required messages for that integration.

---

## Activating Message Nodes

The system delivers message nodes as inactive. Ensure that you have activated the PSFT\_E1 node or the node that you have set up to represent the JD Edwards EnterpriseOne system. If you have multiple JD Edwards EnterpriseOne systems, you need to complete these steps for each JD Edwards EnterpriseOne node that you use.

Access the Node Definitions page.

To activate message nodes:

1. Enter the appropriate node name, and click Search.
2. Ensure that you have selected the Active Node check box.
3. Save the node.

**Note.** Some integrations require additional nodes. For those integrations, the additional nodes are listed in the setup chapter for that integration in this implementation guide.

## Setting Up Node Definitions

Access the Connectors page.

Node Definitions | Contacts | Properties | **Connectors** | Transactions | Portal |

Node Name: PSFT\_E1 Ping Node

**Details**

Gateway ID: LOCAL

Connector ID: HTTPTARGET

**Properties** Customize | Find |  First 1-4 of 4 Last

	*Property ID	*Property Name	Required	Value		
1	HEADER	Content-Type	<input type="checkbox"/>	text/xml		
2	HEADER	sendUncompressed	<input checked="" type="checkbox"/>	Y		
3	HTTPPROPERTY	Method	<input checked="" type="checkbox"/>	POST		
4	PRIMARYURL	URL	<input checked="" type="checkbox"/>	http://denmlps7:7777/invoke/PSFT_[		

► Password Encryption Utility

Connectors page

Select *HTTPTARGET* as the connector ID.

Identify the properties and provide a designated URL for the PSFT\_E1 node or the node that you have set up to represent the JD Edwards EnterpriseOne system. If you have multiple JD Edwards EnterpriseOne systems, you need to complete these steps for each JD Edwards EnterpriseOne node that you use.

For the PRIMARYURL property, enter the URL of the Integration Server in the PRIMARYURL Value field.

The URL points to JD Edwards EnterpriseOne Integration Server and should have the format:

```
http://<WSG IS MachineName>:<IS port>/invoke/PSFT_Dispatcher.Inbound:
InboundServiceDispatcher
```



---

**Note.** You must register each node in the properties file for the gateway. Search for the string `## JOLT connect string settings for Application Server(s) with known NODENAMES` and follow the instructions there.

---

See PeopleSoft Enterprise PeopleTools 8.46 Implementation Guide: Integration Broker, “Managing Integration Gateways,” Using the `integrationGateway.properties` File.

See PeopleSoft Enterprise PeopleTools 8.46 Implementation Guide: Integration Broker, “Appendix: Using the Integration Broker Connector SDK,” Developing Connectors, Developing Listening Connector Classes

## Setting Up Integration Transactions

You must activate nodes and their associated transactions for the integrations you are using.

Access the Transactions page.

To activate node transactions:

1. Click the Edit link.
2. Set the Status value to Active on the Transaction Detail tab, and click Save.
3. Click the Return to Transaction List link.

---

**Note.** The setup chapter for each integration in this implementation guide contains a list of required transactions for that integration.

---

## Adding Channels to Permissions

To send and receive messages in the PeopleSoft Enterprise system, you must set the channel permissions.

Access the Permission Lists page.

To add channels to a permission list:

1. Select the permission list for a user ID that has access to the Message Monitor.
2. Select the Message Monitor tab, and insert a row for the required channel.
3. Set the access for the row, and then click Save.

---

**Note.** The setup chapter for each integration in this implementation guide contains a list of required channel permissions for that integration.

---

## Activating Message Subscriptions

To activate message subscriptions:

1. Access Application Designer for the appropriate PeopleSoft Enterprise database.
2. For each message listed, open the message.
3. For each message subscription listed:
  - a. Right-click the message subscription and select Message Subscription Properties.
  - b. Ensure that you have selected the Active option in the Status box, and then click OK.
  - c. Save the message.

---

**Note.** The setup chapter for each integration in this implementation guide contains a list of required message subscriptions for that integration.

---

---

## Setting Up the Integration Environment in the JD Edwards EnterpriseOne System

This section discusses how to:

- Set up Unicode flat file encoding.
- Set up the export folder for table conversions.
- Activate realtime events.

### See Also

*JD Edwards EnterpriseOne Tools 8.96 System Administration Guide, "Working with Flat File Encoding"*

## Setting Up Unicode Flat File Encoding

The batch integration flows support UTF-8 encoding. Use the UTF-8 encoding for generating flat files in JD Edwards EnterpriseOne. If the default is not set to UTF-8, make sure that the user who generates the flat files has encoding set to UTF-8. Also, make sure that the correct environment is selected.

Use the Unicode Flat File Encoding Configuration program (P93081) to specify the encoding style for JD Edwards EnterpriseOne. The Unicode Flat File Encoding Configuration program enables you to specify a default encoding that applies to all users (\*PUBLIC) and all environments (\*ALL). You can overwrite the encoding style at the user level for a particular environment.

## Setting Up the Export Folder for Table Conversions

Verify that a folder called Export exists in the \B9\package name\ directory in which JD Edwards EnterpriseOne was installed.

---

**Note.** If the Integration Server resides on a different machine than the Export folder, you must set up the Export folder as a shared folder so that the Integration Server can access the flat file.

---

## Activating Realtime Events

You must activate the realtime events that are used by the integrations that you are using. The section of this book for each integration lists the realtime events for that integration. You activate realtime events by changing the status of the event.

See JD Edwards EnterpriseOne Tools 8.96 Interoperability Guide, "Using Events – Guaranteed," Defining Events.

## CHAPTER 4

# Setting Up Integrations in the Integration Server

This chapter provides overviews of the Integration Server, integration options, and cross references, and discusses how to:

- Set up dependent packages.
- Set up the JD Edwards EnterpriseOne Adapter.
- Set up integration options and cross references.
- Set up for high-volume transactions.

---

## Understanding the Integration Server

The Integration Server is the primary engine for the carrying out of integration logic. It is the connection point between PeopleSoft Enterprise and the JD Edwards EnterpriseOne system.

The Integration Server hosts packages that contain flow services (method-like units that operate on documents) and related files, which retrieve data from one system (PeopleSoft Enterprise or JD Edwards EnterpriseOne), transform the data as necessary, and pass the data to another system.

---

## Understanding Integration Options

Integration options enable you to customize values that are used by the integration flows and interface flows.

The JD Edwards EnterpriseOne WSG system supplies default soft-coded values for some integration options. You can modify the values for the integration options if the default values are not appropriate for the environment. It is important that integration options are set up with appropriate values in order for the integration to function correctly in the environment.

You set up integration options using the Configuration Editor tool that is included with the Integration Server.

---

## Understanding Cross-References

Many of the JD Edwards EnterpriseOne application integrations with PeopleSoft Enterprise applications use cross references. You set up cross references in the JD Edwards EnterpriseOne WSG cross-reference database. These integrations use two different types of cross references: key and code.

Key cross references enable the system to reconcile the values used in the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system and to keep a record of the values that have been integrated. Some key cross references are created automatically by the system while some must be set up manually.

Code cross references enable the system to reconcile the values used in the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system. Code cross references must be set up manually.

You can set up and view cross references using the Configuration Editor tool that is included with the Integration Server.

---

## Setting Up Dependent Packages

The Integration Server hosts dependent packages that must be enabled in order for integrations to function. For JD Edwards EnterpriseOne application integrations with PeopleSoft Enterprise applications, enable these dependent packages:

Dependent Package	Usage
PSFT_Utills	Provides utility functions.
PSFT_E1_Adapter	Performs queries on the JD Edwards EnterpriseOne database.
PSFT_Dispatcher	Communicates with the PeopleSoft Enterprise Integration Broker for transporting messages.
PSFT_XRefAndSoftCoding	Provides cross-referencing services.
PSFT_JD Edwards EnterpriseOne_AdapterServices	Communicates with the PSFT_E1_Adapter to perform queries on the JD Edwards EnterpriseOne database, calls JD Edwards EnterpriseOne functions, or reads JD Edwards EnterpriseOne realtime events.
PSFT_JDBCAdapterServices	Provides database connectivity for cross-referencing services.

---

## Setting Up the JD Edwards EnterpriseOne Adapter

This section discusses how to:

- Enable the JD Edwards EnterpriseOne Adapter.
- Enable the JD Edwards EnterpriseOne Adapter Listener.
- Enable JD Edwards EnterpriseOne Adapter listener notifications.

### Pages Used to Set Up the JD Edwards EnterpriseOne Adapter

Access these pages in the Integration Server application.

Page Name	Navigation	Usage
JD Edwards EnterpriseOne Adapter Connections	Adapters, JD Edwards EnterpriseOne Adapter	Enable the JD Edwards EnterpriseOne Adapter.
JD Edwards EnterpriseOne Adapter Listener	Adapters, JD Edwards EnterpriseOne Adapter, Listeners	Enable the JD Edwards EnterpriseOne Adapter Listener.
JD Edwards EnterpriseOne Adapter Listener Notifications	Adapters, JD Edwards EnterpriseOne Adapter, Listener Notifications	Enable the JD Edwards EnterpriseOne Adapter listener notifications.

## Enabling the JD Edwards EnterpriseOne Adapter

Access the JD Edwards EnterpriseOne Adapter Connections page.

Adapters > EnterpriseOne Adapter > Connections						
• <a href="#">Configure New Connection</a>						
Connections						
Connection Name	Package Name	Connection Type	Enabled	Edit	View	Copy Delete
connection:EnterpriseOne	PSFT_E1_Adapter	PeopleSoft EnterpriseOne Connection	Yes			
connection:E1_GuaranteedEvents	PSFT_E1_Adapter	PeopleSoft EnterpriseOne Guaranteed Event Connection	Yes			
connection:E1_ReliableEvents	PSFT_E1_Adapter	PeopleSoft EnterpriseOne Reliable Event Connection	No			

JD Edwards EnterpriseOne Adapter Connections page

If the JD Edwards EnterpriseOne and the JD Edwards EnterpriseOne Event connections are not already enabled, click No in the Enabled column for each connection to change it to Yes.

## Enabling the JD Edwards EnterpriseOne Adapter Listener

Access the JD Edwards EnterpriseOne Adapter Listeners page.

Adapters > EnterpriseOne Adapter > Listeners		
• <a href="#">Configure New Listener</a>		
EnterpriseOne Adapter Listeners		
Listener Name	Package Name	Enabled
EnterpriseOne_AdapterServices_Listener:EnterpriseOne_Listener	PSFT_EnterpriseOne_AdapterServices	No

JD Edwards EnterpriseOne Adapter Listeners page

1. For each listener that needs to be enabled, click the word No in the Enabled column to change it to Yes.
2. If Pending enable appears, click Listeners under JD Edwards EnterpriseOne Adapter in the navigation pane.

**Note.** You will likely need to bounce (deactivate and reactivate) the listener after deactivating or activating a listener notification for the change to take effect.

## Enabling JD Edwards EnterpriseOne Adapter Listener Notifications

Access the JD Edwards EnterpriseOne Adapter Listener Notifications page.

Adapters > EnterpriseOne Adapter > Listener Notifications	
EnterpriseOne Adapter Listener Notifications	
Notification Name	
AdapterServices.Notification.ServiceOrder:notifyLabor	
AdapterServices.Notification.LearningManagement:notifyCompetencyEvent	
AdapterServices.Notification.Procurement:notifyPurchaseOrderReceipt	
AdapterServices.Notification.LearningManagement:notifyCurrencyRateEvent	
AdapterServices.Notification.LearningManagement:notifyJobInBusinessUnitEvent	
AdapterServices.Notification.Financials:notifyDeduction	
AdapterServices.Notification.Sales:notifySalesOrderPromise	
AdapterServices.Notification.Procurement:notifyPurchaseOrderEvent	
AdapterServices.Notification.LearningManagement:notifyUserPreference	
AdapterServices.Notification.Financials:notifyPersonInformationEvent	
AdapterServices.Notification.AddressBook:notifyParentChild	
AdapterServices.Notification.AddressBook:notifyShipToEvent	
AdapterServices.Notification.Supplier:notifySupplierEvent	
AdapterServices.Notification.eRequisitions:notifyXAPIREQCRTEvent	
AdapterServices.Notification.Financials:notifyBusinessUnitEvent	
AdapterServices.Notification.Inventory:notifyItemUOMEvent	
AdapterServices.Notification.LearningManagement:notifyScaleEvent	
AdapterServices.Notification.Financials:notifyGLAccountEvent	
AdapterServices.Notification.AddressBook:notifyAddressBook	
AdapterServices.Notification.Inventory:notifyItemCostEvent	
AdapterServices.Notification.LearningManagement:notifyJobcode	
AdapterServices.Notification.LearningManagement:notifyEmployeeMasterEvent	

JD Edwards EnterpriseOne Adapter Listener Notifications page

For each listener notification that needs to be enabled, click the word No in the Enabled column to change it to Yes.

See the chapter for your specific integration for a list of required listener notifications for that integration.

## Setting Up Integration Options and Cross References

This section discusses how to:

- Set up integration options.
- Set up cross references.

### See Also

JD Edwards EnterpriseOne Tools 8.96 Web Services Gateway Guide: Configuration Editor, "Using the Configuration Editor,"

## Setting Up Integration Options

To set up integration options:

1. Access the Integration Server.
2. Click Management under Packages.
3. Click the Home button for the PSFT\_ConfigurationEditor package.
4. On the Configuration Editor page, click Integration Options.
5. In the left pane, navigate to the integration option that you want to set up and click the last entry in the navigation.
6. In the right pane, click the Edit button for the integration option you want to change.
7. Enter a value for the integration option in the Value field and then click Save.
8. When you are finished setting up integration options, click the Close Window link in the upper-right corner of the Configuration Editor page.

## Setting Up Cross References

To set up cross references:

- Access the Integration Server.
- Click Management under Packages.
- Click the Home button for the PSFT\_ConfigurationEditor package.
- On the Configuration Editor page, click Code Reference or Key Reference, depending on the type of cross reference you are setting up.
- In the left pane, click the object ID for the cross reference that you want to set up.
- To add a new value, click Add and then enter the JD Edwards EnterpriseOne value in the CanonicalID field and enter the PeopleSoft Enterprise value in the NativeID field.

When you are finished setting up cross references, click the Close Window link in the upper-right corner of the Configuration Editor page.

---

## Setting Up for High-Volume Transactions

To efficiently process the high volume of transactions involved in this integration, you should configure the JDBC Adapter and the Integration Server with the specific settings explained in this section.

This section discusses how to:

- Set Connection Management Properties for the JDBC Adapter.
- Set Connection Management Properties for the JD Edwards EnterpriseOne Adapter.
- Set the Integration Server memory size.

## Pages Used to Set Up for High-Volume Transactions

Access these pages in the Integration Server application.

Page Name	Navigation	Usage
Edit Connection (for the JDBC Adapter)	Adapters, JDBC Adapter Click Edit on the PSFT_JDBCAdapterServices. JDBCAdapterServices.connection: connectToDB row.	Set Connection Management Properties for the JDBC Adapter connection.
Edit Connection (for the JD Edwards EnterpriseOne Adapter)	Adapters, JD Edwards EnterpriseOne Adapter Click Edit on the appropriate connection row.	Set Connection Management Properties for a JD Edwards EnterpriseOne Adapter connection.

## Setting Connection Management Properties for the JDBC Adapter

Access the Edit Connection page for the JDBC Adapter.

---

**Note.** You set up Connection Management Properties for the JDBC Adapter before you enable the PSFT\_JDBCAdapterServices package.

---



**Adapters > JDBC Adapter > Edit Connection**

- [Return to JDBC Adapter Connections](#)

**PSFT\_JDBCAdapterServices.JDBCAdapterServices.connection:connectToDB Details**

Connection Type **JDBC Adapter Connection**

Package Name **PSFT\_JDBCAdapterServices**

**Connection Properties**

Transaction Type

DataSource Class

serverName

user

password

Retype password

databaseName

portNumber

networkProtocol

Other Properties

**Connection Management Properties**

Enable Connection Pooling

Minimum Pool Size

Maximum Pool Size

Pool Increment Size

Edit Connection page for the JDBC Adapter

Set the Connection Management Properties for the PSFT\_JDBCAdapterServices connection in this way:

<b>Enable Connection Pooling</b>	<i>true</i>
<b>Minimum Pool Size</b>	<i>5</i>
<b>Maximum Pool Size</b>	<i>30</i>
<b>Pool Increment Size</b>	<i>5</i>

## Setting Connection Management Properties for the JD Edwards EnterpriseOne Adapter

Access the Edit Connection page for the JD Edwards EnterpriseOne Adapter.

**Note.** Set up Connection Management Properties for the JD Edwards EnterpriseOne Adapter before you enable the PSFT\_JD Edwards EnterpriseOne\_AdapterServices package.

**Adapters > EnterpriseOne Adapter > Edit Connection**

- [Return to EnterpriseOne Adapter Connections](#)

connection:EnterpriseOne Details	
Connection Type	PeopleSoft EnterpriseOne Connection
Package Name	PSFT_E1_Adapter
Connection Properties	
Transaction Type for Connections	LOCAL_TRANSACTION
***** ERP Connection Properties *****	
Unique name for this ERP connection	EnterpriseOneAdapter
ERP Username	XPI1
ERP Password	*****
Retype ERP Password	*****
ERP Role for Username	*ALL
ERP Environment Name	STGAWSI1
ERP Enterprise Server Host Name	denmlps11
ERP Enterprise Server Port	6080
ERP Security Server Host Name	DENMLPS11
ERP Security Server Port	6080
User Session Timeout	0
Maximum time, in milliseconds, to keep specs cached	30000000
Timeout value, in milliseconds, for a request to the enterprise server	90000
Number of milliseconds before a manual transaction expires	1200000

Edit Connection page for the JD Edwards EnterpriseOne Adapter JD Edwards EnterpriseOne connection

Set the Number of milliseconds before a manual transaction expires field to *1200000*.

## Setting the Integration Server Memory Size

Access the server.bat file.

The server.bat file is typically located in . . . \IntegrationServer\bin\server.bat.

Specify the minimum and maximum size of the Integration Server in this way:

```
SETLOCAL
set JAVA_MIN_MEM=512M
set JAVA_MAX_MEM=1024M
```

## **PART 2**

# **Integrating JD Edwards EnterpriseOne General Accounting with PeopleSoft Enterprise General Ledger**

### **Chapter 5**

**Understanding the JD Edwards EnterpriseOne General Accounting to PeopleSoft  
Enterprise General Ledger Integration**

### **Chapter 6**

**Setting Up the JD Edwards EnterpriseOne to PeopleSoft Enterprise General  
Ledger Integration**

### **Chapter 7**

**Using the JD Edwards EnterpriseOne to PeopleSoft Enterprise General Ledger  
Integration**



## CHAPTER 5

# Understanding the JD Edwards EnterpriseOne General Accounting to PeopleSoft Enterprise General Ledger Integration

This chapter discusses:

- Release levels.
- Business process.
- Integration architecture.
- Field structure comparison between the JD Edwards EnterpriseOne system and the PeopleSoft Enterprise system.
- Assumptions and requirements of the integration process.

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## Release Levels

This document supports the integration between JD Edwards EnterpriseOne 8.12 General Ledger and PeopleSoft Enterprise 8.9 General Accounting.

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## Business Process

This PeopleSoft integration imports JD Edwards EnterpriseOne General Accounting data and balance information to the PeopleSoft Enterprise General Ledger. The integration is primarily intended to provide information from the JD Edwards EnterpriseOne system to perform consolidations and prepare reports in the PeopleSoft Enterprise environment.

Because information is integrated at the ledger level, the integration process effectively enables you to integrate the PeopleSoft Enterprise system with the JD Edwards EnterpriseOne feeder systems that include JD Edwards EnterpriseOne Real Estate Management (REM), Asset Management (EAM), and Manufacturing through the results of operations maintained in the JD Edwards EnterpriseOne General Accounting.

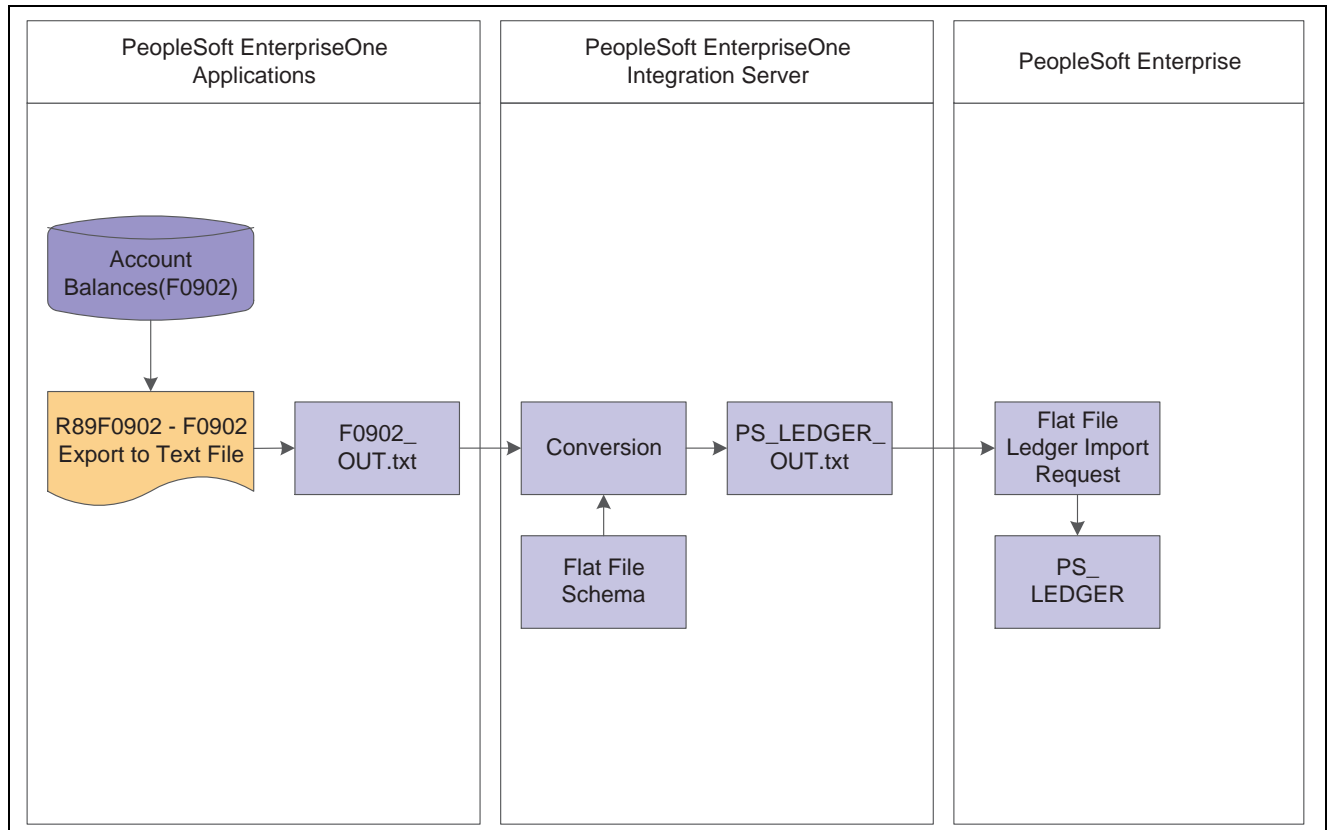
The major tasks involved in the integration of PeopleSoft Enterprise General Ledger with JD Edwards EnterpriseOne General Accounting are:

- Setting up integration options in the JD Edwards EnterpriseOne WSG soft-coding/cross-reference database.
- Setting up the integration in the PeopleSoft Enterprise database.
- Loading JD Edwards EnterpriseOne General Accounting data and balance information to the PeopleSoft Enterprise General Ledger.

## Integration Architecture

Information is passed in one direction only from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise General Ledger by the integration process. The term source refers to the JD Edwards EnterpriseOne ledger and the term target refers to the PeopleSoft Enterprise ledger.

This diagram illustrates the basic integration process:



JD Edwards EnterpriseOne GL to PeopleSoft Enterprise GL integration process

The integration includes these basic steps:

1. Using functionality in the JD Edwards EnterpriseOne system, run the Generate Outbound Account Balances program (R89F0902) to create a text file named F0902\_OUT.txt from the account balance information in the source Account Balances table (F0902), and store the file in an export folder (for example, C:\B9\PD9\export).
2. Using the Integration Server tool, run the Integration Package to retrieve the F0902\_OUT.txt file, transform the data, and create a text file named PS\_LEDGER\_OUT-yyyymmdd-hhmmss.txt in a specified folder.
3. Using the PeopleSoft Enterprise system, run the Flat File Ledger Import utility to upload the PS\_LEDGER\_OUT-yyyymmdd-hhmmss.txt file and run the ChartField Mapping utility to convert the data to the target PS\_LEDGER PeopleSoft Enterprise table.

## Field Structure Comparison Between the JD Edwards EnterpriseOne System and the PeopleSoft Enterprise System

This table summarizes corresponding field structure for the JD Edwards EnterpriseOne system and the PeopleSoft Enterprise system:

<b>JD Edwards EnterpriseOne System</b>	<b>Comment</b>	<b>PeopleSoft Enterprise System</b>	<b>Comment</b>
Company	This field is right justified, zero fill alphanumeric.	Business Unit	The equivalent of the Company field in the JD Edwards EnterpriseOne system must be defined in the PeopleSoft Enterprise system for the integration.
Ledger Type	While other ledger types are available, the actual ledger type is always AA and is the default source ledger type for the integration unless you specify otherwise.	Ledger	Ledger in the PeopleSoft Enterprise system is user defined. A target ledger must be defined and specified for the integration.
Object Account and Subsidiary	A combined field length of 14 characters is possible.  However, when the Object Account and Subsidiary fields are concatenated and if the combined field length exceeds 10 characters, the field value is truncated when the flat file is created to fit the 10-character format of the Account field in the PeopleSoft Enterprise system.	Account	The field length is 10 characters. You map the combined object account and subsidiary values that are passed in the flat file to the required account value of the target ledger by using field mapping functionality in the PeopleSoft Enterprise system.
Business Unit	A field of 12 characters used for cost centers. It is truncated to 8 characters for integration with the PeopleSoft Enterprise system.	Operating Unit	This field of eight characters is typically used to designate a cost center.
Subledger	This field is representative of the receiving company in an intercompany transaction.	Affiliate	This field designates the other business unit that is involved in an intercompany transaction using business unit.

<b>JD Edwards EnterpriseOne System</b>	<b>Comment</b>	<b>PeopleSoft Enterprise System</b>	<b>Comment</b>
Currency Code	This is either the base currency of the company (source) or the currency of the reporting (target) ledger if amounts are translated in the JD Edwards EnterpriseOne system.	Currency_Code	<p>This is a three digit code for the currency of the ledger amounts being imported to the target ledger.</p> <p>Amounts can be translated to another currency in the JD Edwards EnterpriseOne system or after receiving the balances in the PeopleSoft Enterprise system.</p> <p>However, the currency of the source and target ledgers must initially be the same.</p>
Century and Fiscal Year	The integration process concatenates the two fields of two characters to form a Fiscal Year field of four characters.	Fiscal Year	This is a four digit field.



<b>JD Edwards EnterpriseOne System</b>	<b>Comment</b>	<b>PeopleSoft Enterprise System</b>	<b>Comment</b>
Amount Codes	<p>The amount codes in the JD Edwards EnterpriseOne system are:</p> <p>APYC designates a beginning balance.</p> <p>AN01 designates the amount net posting for period 1, AN02 is for the amount net posting for period 2, and so on.</p> <p>AN13 and AN14 are the two available JD Edwards EnterpriseOne adjustment periods. Their balances can be accumulated in separate PeopleSoft Enterprise adjustment periods, such as 997 and 998 or you can accumulate their combined total to 998.</p>	Accounting_Period and Adjustment Period	<p>The integration makes the JD Edwards EnterpriseOne accounting period APCY equal to the PeopleSoft Enterprise beginning balance represented by 0. The accounting period is made equal to 1 in the PeopleSoft Enterprise system for the AN01 amount code in the JD Edwards EnterpriseOne system, equal to 2 for AN02, and so on through AN12, which is equivalent to accounting period 12 in the PeopleSoft Enterprise system.</p> <p>The PeopleSoft Enterprise system has these adjustment periods:</p> <p>901 through 998 are possible adjustment periods.</p> <p>Typically, accounting periods 1 through 12 correspond to monthly adjustment periods of 901 to 912.</p> <p>Period 998 is typically the default adjustment period when monthly adjustment periods are not used.</p> <p>Period 999 is used to store the results of year-end close for the PeopleSoft Enterprise system.</p>
Amount	This is the net posting amount for a period.	Posted Total Amount, Posted Base Amount, and Posted Transaction Amount	All three fields are populated with the same JD Edwards EnterpriseOne amount and to a period based on the amount code passed from the JD Edwards EnterpriseOne system.

## Assumptions and Requirements of the Integration Process

PeopleSoft designed the integration to be run as a batch process at the end of various periods, such as week, month, quarter, or year to move JD Edwards EnterpriseOne general ledger balances to the PeopleSoft Enterprise system. However, you can run the process on a one-time basis at any time. The primary purpose of the integration is to provide information for consolidations and reporting in the PeopleSoft Enterprise system. The integration does not support the movement of information from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system.

### Calendars, Accounting Periods, and Adjustment Periods

Calendars for the source and target ledgers must be the same—that is, they must describe identical date patterns—to use the integration process.

The JD Edwards EnterpriseOne system supports 14 periods. In the typical setup, periods 1 through 12 are used as monthly accounting periods, and periods 13 and 14 are used as adjustment periods. Another alternative setup is to maintain 13 accounting period of four weeks, which is typical in manufacturing, and use period 14 as the adjustment period. All structures can be mirrored in the PeopleSoft Enterprise system. The PeopleSoft Enterprise system uses period 0 for beginning balances, and adjustment periods 901 through 997 are available. Period 998 is the default adjustment period and period 999 is used to store the results of year-end close.

Because only one adjustment year can be open at any one time in the PeopleSoft Enterprise system, multiple years with adjustment periods cannot be transferred at the same time to the PeopleSoft Enterprise General Ledger. The Flat File Ledger Import process returns an error if adjustment periods exist for files with adjustment periods that are not open in the PeopleSoft Enterprise system. Transfer historical data for prior years with adjustment periods to the PeopleSoft Enterprise system in separate files and then close each adjustment year and open the subsequent adjustment year in PeopleSoft Enterprise General Ledger before transferring another file for a subsequent year.

See PeopleSoft Enterprise Application Fundamentals 8.9 Implementation Guide, “Defining Accounting Calendars,” Defining and Updating Open Periods and Adjustment Periods.

### Field Lengths

Some field lengths vary between the JD Edwards EnterpriseOne system and the PeopleSoft Enterprise system. The expectation is that in most cases JD Edwards EnterpriseOne products will be implemented for the purpose of integration with existing PeopleSoft Enterprise products. That being the case, at installation you can set up the JD Edwards EnterpriseOne fields with lengths that correspond to the ChartField lengths in the PeopleSoft Enterprise product.

If you integrate existing installations of the JD Edwards EnterpriseOne system and the PeopleSoft Enterprise system and field lengths are already established, the integration process truncates values in JD Edwards EnterpriseOne fields to match the corresponding field lengths in the PeopleSoft Enterprise system.

For example, if the length of the combined Object Account and Subsidiary fields is greater than 10 characters, the truncation to 10 characters might result in duplicate account numbers that might also result in unwanted summarization in the PeopleSoft Enterprise system. If you want to maintain the same level of detail in the PeopleSoft Enterprise system that you have in the JD Edwards EnterpriseOne system, limit the combined Object Account and Subsidiary fields in the JD Edwards EnterpriseOne system to 10 characters.

Similarly, the truncation of the 12-character Business Unit field from the JD Edwards EnterpriseOne system to correspond to the 8-character Operating Unit field in the PeopleSoft Enterprise system might cause duplicate Operating Unit values. To avoid duplicates, you can limit the JD Edwards EnterpriseOne Business Unit field to 8 characters.

Alternatively you can use PeopleSoft Enterprise ChartField configuration functionality to increase field lengths in the PeopleSoft Enterprise system. However, this adds maintenance overhead for the PeopleSoft Enterprise products. You can avoid the additional maintenance by using the same ChartField lengths at setup or the truncation of existing field values in the JD Edwards EnterpriseOne system.

See PeopleSoft Enterprise Application Fundamentals 8.9 Implementation Guide, “Configuring ChartFields.”

## **Currency**

The currency of the source and target ledgers must initially be the same, and you must also determine at the outset whether the translation of nonreporting currency occurs in the JD Edwards EnterpriseOne system or in the PeopleSoft Enterprise system.

If the JD Edwards EnterpriseOne ledger balances are in a different currency, it is recommended that you translate balances in the JD Edwards EnterpriseOne application before the integration. Alternatively you can set up the target PeopleSoft Enterprise ledger to use the same currency as the JD Edwards EnterpriseOne system and translate or convert to the reporting currency in the PeopleSoft Enterprise system after the balances are transferred. Regardless of whether the conversion occurs in the JD Edwards EnterpriseOne system or in the PeopleSoft Enterprise system, the currency of the source and target must initially be the same.

It follows that transfer of account balances by currency is not supported by the integration. If posting by different currencies is being used in the JD Edwards EnterpriseOne system, all balances must be converted to the common currency that is shared by the source and target ledger before integration.

See PeopleSoft Enterprise Global Options and Reports 8.9 Implementation Guide, “Processing Multiple Currencies.”

See PeopleSoft Enterprise General Ledger 8.9 Implementation Guide, “Processing Multiple Currencies in General Ledger.”



## CHAPTER 6

# Setting Up the JD Edwards EnterpriseOne to PeopleSoft Enterprise General Ledger Integration

This chapter discusses how to:

- Set up the PeopleSoft Enterprise system for the General Ledger integration.
- Set up the General Ledger integration in the Integration Server.

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## Setting Up the PeopleSoft Enterprise System for the General Ledger Integration

Before exporting amounts from JD Edwards EnterpriseOne into Enterprise, set up business units, ledgers, and currency codes in PeopleSoft Enterprise to receive and support the JD Edwards EnterpriseOne data that is exported. The business unit in PeopleSoft Enterprise is the equivalent of the company in JD Edwards EnterpriseOne. Give the business unit the same name in PeopleSoft Enterprise as the name used in the flat file.

Here are the high-level steps, which are fully described in implementation guides:

1. Add business units using the same names as in the imported file from JD Edwards EnterpriseOne.
2. Add two ledgers and two ledger groups—one for the target and another for the source ledger.
3. Attach calendars and ledger groups to the business units.
4. Select the Allow Ledger Load Updates option.
5. Update open periods and adjustment periods as required for the file that is being loaded.
6. Load the flat file data to the source ledger.
7. Set up ChartField value mapping.
8. Perform the ChartField value mapping and populate the target ledger.

Business unit names must be the same in an JD Edwards EnterpriseOne to Enterprise integration. Business units cannot be mapped using ChartField mapping.

Set up two ledgers each with a separate ledger group in PeopleSoft Enterprise for each business unit that you load from JD Edwards EnterpriseOne.

The first ledger is the target ledger and you must name it the same as the source ledger type in JD Edwards EnterpriseOne; for example, you might name it AA. The target ledger initially receives data from the PS\_LEDGER\_OUT yyyyymmdd-hhmmss.txt file, and you use it when performing ChartField mapping and the flat file ledger import in Enterprise.

Give the second ledger an appropriate name, such as local or reporting. The second ledger is typically a consolidation ledger. This ledger stores the data from the target ledger after you have applied ChartField value mapping in Enterprise.

Existing ChartFields in PeopleSoft Enterprise can be used; however, additional accounts and operating units can also be set up for use in the new Enterprise ledger.

See PeopleSoft Enterprise Application Fundamentals 8.9 Implementation Guide, “Setting Up Ledgers.”

See PeopleSoft General Ledger 8.9 Implementation Guide, “Performing Financial Consolidations.”

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## Setting Up the General Ledger Integration in the Integration Server

This section discusses how to set up integration options for the General Ledger integration.

### Setting Up Integration Options for the General Ledger Integration

The E1\_GLAcctBalances\_To\_E\_GLLedger flow uses these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_FMS, E1_GLAcctBalances_To_E_GLLedger, convert_E1_GLAcct_To_E_PSLEDGER_FileSystem	From Location directory	Specify the directory that contains the F0902_OUT.txt file as the From Location directory.
PSFT_JD Edwards EnterpriseOne_FMS, E1_GLAcctBalances_To_E_GLLedger, convert_E1_GLAcct_To_E_PSLEDGER_FileSystem	To Location directory	Specify the directory to which you write the PS_LEDGER_OUT.txt file as the To Location directory.

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**Important!** The system provides default soft-coded values. It is important that you modify these values for the integration to function correctly in your environment.

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### See Also

[Chapter 4, “Setting Up Integrations in the Integration Server,” Setting Up Integration Options and Cross References, page 24](#)

## CHAPTER 7

# Using the JD Edwards EnterpriseOne to PeopleSoft Enterprise General Ledger Integration

This chapter provides overviews of the export of JD Edwards EnterpriseOne General Accounting balances to the PeopleSoft Enterprise system and the structure of the F0902\_OUT.txt file and discusses how to:

- Export JD Edwards EnterpriseOne General Accounting balances to the PeopleSoft Enterprise system.
- Import and map ChartField values in the PeopleSoft Enterprise system.

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## Understanding the Export of JD Edwards EnterpriseOne General Accounting Balances to the PeopleSoft Enterprise System

This table describes the process for exporting General Ledger balances from the JD Edwards EnterpriseOne system:

Table Conversion Program	Export File Name	Batch Integration Flow	PeopleSoft Enterprise Import Process	Usage
Generate Outbound Account Balances (R89F0902)	F0902_OUT.txt	E1_GLAacctBalances_To_E_GLLEDGER	Flat File Ledger Import utility	Loads account information from the JD Edwards EnterpriseOne Account Balances table (F0902) to the PeopleSoft Enterprise system.

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## Understanding the Structure of the F0902\_OUT.txt File

The F0902\_OUT.txt text file is semicolon delimited and it contains this information:

Sequence	Name	Type	Length	Comment
1	Century	Number	2	GBCTRY
2	Fiscal_Year	Number	2	GBFY

Sequence	Name	Type	Length	Comment
3	Account_ID	String	8	GBAID
4	Company	String	5	GBCO
5	Business_Unit	String	12	GBMCU
6	Object_Account	String	6	GBOBJ
7	Subsidiary	String	8	GBSUB
8	Ledger_Type	String	2	GBLT
9	Period_Number	Number	3	Can equal 0 for Beginning Balance (GBAPYC), or can equal 1 for Amount Net Posting 01 (GBAN01), or 2 for Amount Net Posting 02 (GBAN02), and so on.
10	Amount	Number	15	<p>The amount values are determined by the process in relation to the value of the accounting periods, or period_Number, that you specify on the Processing Options page. If the From period equals 0 then the amount is the GBAPYC value, if the period is equal to 1, then it is equal to GBAN01, and so on.</p> <p>If you are posting account balances by currency, summarize all currencies into one record.</p> <p>All subledger/types are summarized to one record. The amount format is: -xxxx.xx</p>
11	Base_Currency	String	3	GBCRCX



Sequence	Name	Type	Length	Comment
12	Target_Ledger	String	10	The specified target ledger.
13	Inter_Company	String	5	The process loads this field with the company of the address book number held in the subledger (SBL) for the intercompany settlement account.

## Exporting JD Edwards EnterpriseOne General Accounting Balances to the PeopleSoft Enterprise System

This section discusses how to:

- Set data selection for Generate Outbound Account Balances (R89F0902).
- Set processing options for Generate Outbound Account Balances (R89F0902).
- Run the Generate Outbound Account Balances program in the JD Edwards EnterpriseOne system.
- Run the batch integration in the Integration Server for the General Ledger integration.

### Setting Data Selection for the Generate Outbound Account Balances Program

You can set up data selection for the Generate Outbound Account Balances program (R89F0902) to select the records to be exported. You access data selection for table conversion programs in the table conversion properties.

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**Important!** Do not use data selection to select multiple fiscal years or specify a date range that spans more than one fiscal year. You must export data for only one fiscal year at a time.

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See JD Edwards EnterpriseOne Tools 8.96 Development Tools Guide: Tables and Business Views, "Converting Tables," Running Table Conversions.

### Setting Processing Options for Generate Outbound Account Balances (R89F0902)

Set up processing options for the Generate Outbound Account Balances program (R89F0902) to specify the source ledger and target ledger, and other parameters that are required to produce the F0902\_OUT.txt file.

#### 1. Source Ledger Type

Specify the ledger type to be used to select data from the JD Edwards EnterpriseOne Account Balances (F0902) table. This value is appended to any report data selection that is set up on the version of the R890902 program that is being run. *AA* is the default value if the field is left blank.

<b>2. Target Ledger</b>	Specify the target ledger that is used to populate the Ledger field in the PeopleSoft Enterprise general ledger text file. The target ledger must have the same name as the source ledger.
<b>3. From Period Number</b>	Specify the beginning JD Edwards EnterpriseOne period to start exporting. Values are 0 to 14. If you leave this processing option blank or enter an invalid value, the system uses period 0 by default.
<b>4. Thru Period Number</b> (through period number)	Specify the ending JD Edwards EnterpriseOne period for exporting. Values are 0 to 14. If you leave this processing option blank or enter an invalid value, the system uses period 14 by default.
<b>5. Adjustment Period for Period 13</b>	Specify the PeopleSoft Enterprise adjustment period to which JD Edwards EnterpriseOne period 13 balances are written. Values are from 901 to 998. If you leave this processing option blank or enter an invalid value, the system uses period 998 by default.
<b>6. Adjustment Period for Period 14</b>	Specify the PeopleSoft Enterprise adjustment period to which JD Edwards EnterpriseOne period 14 balances are written. Values are from 901 to 998. If you leave this processing option blank or enter an invalid value, the system uses period 998 by default.
<b>7. Income Statement Balance Forward</b>	Leave this field blank when you are using this process to integrate with PeopleSoft Enterprise General Ledger.

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**Note.** If both adjustment period processing options are left blank, existing period 13 and 14 balances are added together by the process and written to adjustment period 998. The process looks at the date pattern of the company to determine whether it is using periods 13 and 14. If it is not, no records are written for GBAN13 and GBAN14.

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## Running the Generate Outbound Account Balances Program in the JD Edwards EnterpriseOne System

Select G/L Advanced & Technical Operations (G0931), Generate Outbound Account Balances.

You run table conversion programs from the Batch Versions program (P98305) in much the same way that you run other batch programs.

See JD Edwards EnterpriseOne Tools 8.96 Development Tools Guide: Tables and Business Views, "Converting Tables," Running Table Conversions.

## Running the Batch Integration in the Integration Server for the General Ledger Integration

Use the Integration Server to invoke the integration package. The package contains a flow service, which loads the F0902\_OUT.txt file, performs necessary data transformations, and exports a flat file that can be received by the PeopleSoft Enterprise system. The flat file is named PS\_LEDGER\_OUT-yyyymmdd-hhmmss.txt, where yyyymmdd is the date and hhmmss is the time.

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**Note.** When you load the E1\_GLAcetBalances\_To\_E\_GLLEDGER package in the Integration Server, you might receive a warning message that indicates that more than one flow is registered with the same namespace. You can ignore this warning.

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To run the batch integration manually, invoke this service:

Service	Navigation	Comments
convert_E1_GLAacct_To_PSLEDGER_FileSystem89	PSFT_JD Edwards EnterpriseOne_FMS, E1_GLAacctBalances_To_E_GLLEDGER	Use this service if you are integrating with PeopleSoft Enterprise 8.9.

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**Note.** You can test with or without inputs because this service does not use inputs.

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See webMethods Integration Server Administrator's Guide 6.1, "Managing Services," Working with Services, Testing Services.

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## Importing and Mapping ChartField Values in the PeopleSoft Enterprise System

This section provides an overview of processing of the PS\_LEDGER\_OUT-yyyymmdd-hhmmss.txt file in the PeopleSoft Enterprise system and discusses how to:

- Import the PS\_LEDGER\_OUT-yyyymmdd-hhmmss.txt file to the target ledger in the PeopleSoft Enterprise system.
- Define ChartField mapping rules in the PeopleSoft Enterprise system.
- Create ChartField mapping sets in the PeopleSoft Enterprise system.
- Convert the imported ledger to the second (or consolidation) PeopleSoft Enterprise ledger.

### Understanding Processing of the PS\_LEDGER\_OUT-yyyymmdd-hhmmss.txt File in the PeopleSoft Enterprise System

The PeopleSoft Enterprise system uses the flat file import Application Engine process (GL\_LED\_IMPORT) to import the PS\_LEDGER\_OUT-yyyymmdd-hhmmss.txt flat file produced in the JD Edwards EnterpriseOne system. The process imports the data to a target ledger in the PeopleSoft Enterprise system named AA or to a target ledger with the same name as the source ledger in the JD Edwards EnterpriseOne system. The source ledger and target ledger must have the same name.

The process imports the file to the target ledger and business unit specified in the flat file that is imported.

After the flat file is imported to the target ledger, use the ChartField mapping utility in the PeopleSoft Enterprise system to map the target ledger ChartField values to the ChartField values of a second reporting (or consolidation) ledger that you must create in the PeopleSoft Enterprise system. The second ledger has ChartField values corresponding to the consolidation (or desired reporting) chart of accounts.

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**Note.** The second (or consolidation) ledger in the PeopleSoft Enterprise system is created with the same business unit as in the target ledger that received the data from the JD Edwards EnterpriseOne system.

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### Pages Used to Import and Map ChartField Values in the PeopleSoft Enterprise System

Access these pages in the PeopleSoft Enterprise system:

Page Name	Object ID	Navigation	Usage
Flat File Ledger Import Request	LOAD_LED_PNL	General Ledger, Ledgers, Import Ledger from Flat File, Flat File Ledger Import, Flat File Ledger Import Request	Import a flat file ledger. The system uses the information in the flat file to determine the target ledger to which the data is imported.
ChartField Value Mapping	CF_VALUE_MAPPING	General Ledger, Consolidate Financial Data, Load Ledgers, ChartField Value Mapping	Create the ChartField mapping rules. After you have created the initial target ledger and the second (or consolidation) ledger in Enterprise, use this page to map the ChartField values from the target ledger to the values of the second, or consolidation, ledger.
ChartField Mapping Set	CF_MAPPING_SET	General Ledger, Consolidate Financial Data, Load Ledgers, ChartField Mapping Set	Define which ChartFields are associated with mapping. Tie the ChartField mapping rules to the ChartFields whose values are to be converted.
Load Ledgers Request	LED_LOAD_RQST	General Ledger, Consolidate Financial Data, Load Ledgers, Request Ledger Load, Load Ledgers Request	Convert the imported ledger to the second (or consolidation) ledger.

## Import the PS\_LEDGER\_OUT-yyyymmdd-hhmmss.txt File to the Target Ledger in the PeopleSoft Enterprise System

Access the Flat File Ledger Import Request page.

**Flat File Ledger Import Request**

Run Control ID: 0000000145
[Report Manager](#)
[Process Monitor](#)

**Process Request Parameters**

\*Character Set:

\*Validate ChartFields:

**Attached File:** PS\_LEDGER\_OUT20050512.txt

Flat File Ledger Import Request page

### Character Set

Select a Character Set for the flat file being imported. For example, you might specify *ISO\_8859-6* for Arabic or *JIS\_X\_0208* for Japanese Kanji if the file was prepared in that character set and is imported to a ledger of the same character set.

**Validate ChartFields**

Select *None* to prevent ChartField validation. Do not use the ChartField validation process when importing to the target ledger.

**Add**

Click the Add button to access a browse dialog box and locate the file that is to be uploaded. This can be from a location on your company's intranet or from your C drive on which you previously stored the flat file. In the browse dialog box, click the Upload button when you have located the file and upload it to the target ledger.

See PeopleSoft General Ledger 8.9 Implementation Guide, "Integrating and Transferring Information Among Applications."

## Defining ChartField Mapping Rules in the PeopleSoft Enterprise System

Access the ChartField Value Mapping page.

**ChartField Value Mapping**

Value Set Name: SPN\_COA    Mapping ChartField: ACCOUNT    \*Target SetID: SHARE

**Mapped Business Units**    Find | View All | First 1 of 1 Last

*Business Unit	*SetID
SPN01	SPN01

**Mapped Values**    Find | View All | First 1 of 91 Last

Line	*ChartField Value	SetID From	Range From	Range To
1	340000	SPN01	100000	102000
		SPN01	190000	199000
		SPN01	248000	249000
		SPN01	259000	259000

ChartField Value Mapping page

**Note.** In the PeopleSoft Enterprise ChartField mapping environment, the source is the ledger containing the imported data from the JD Edwards EnterpriseOne system. Also, the target is now the second (or consolidation) ledger that you create in the PeopleSoft Enterprise system to receive the newly mapped ChartField values.

**Business Unit**

Enter the business unit of the target ledger. This is the same business unit received from the JD Edwards EnterpriseOne system.

**SetID**

Enter a group identifying a set of ChartFields.

Create groups corresponding to a setID that identify the set of account values in the target ledger received from the JD Edwards EnterpriseOne system.

**Mapped Values**

Enter multiple target values for each appropriate ChartField value in the second (or consolidation) ledger and map to them with multiple groups of source values.

**Target Values** Enter a ChartField value for the second (or consolidation) ledger to which the source values derived from the target ledger received from the JD Edwards EnterpriseOne system are to be mapped.

**Source Values** Enter a ChartField value or group ranges of ChartFields from the target ledger that are to be mapped to the ChartField target value in the second (or consolidation) ledger.

See PeopleSoft General Ledger 8.9 Implementation Guide, “Performing Financial Consolidations,” Mapping Dissimilar Charts of Accounts.

## Creating ChartField Mapping Sets in the PeopleSoft Enterprise System

Access the ChartField Mapping Set page.

**ChartField Mapping Set**

**Mapping Set Details**

**ChartField Mapping Set:** SPNCRP\_CSL

**\*Status:** Active

**\*Description:** Spain CORPORATE to CONSOL-USD

**\*Ledger Template:** STANDARD Standard Detail Ledger

**\*Source Record:** Ledger Record

**Source Ledger:** CORPORATE **Target Ledger:** CONSOL-USD

[Refresh](#)

**Ledger Template Chartfields** [Customize](#) | [Find](#) | [First](#) | [1-16 of 16](#) | [Last](#)

Field Long Name	*Option	Value Set Name	Target SetID	View Detail
Account	Map to New Values	SPN_COA	SHARE	<a href="#">View Detail</a>
Alternate Account	Keep the Values			
Operating Unit	Keep the Values			
Fund Code	Keep the Values			
Department	Keep the Values			
Program Code	Keep the Values			
Class Field	Keep the Values			
Budget Reference	Keep the Values			

ChartField Mapping Set page

**Source Record** Select *Ledger Record*.

**Source Ledger** Enter the name of the target ledger where the data imported from JD Edwards EnterpriseOne resides.

**Target Ledger** Enter the name of the second (or consolidation) ledger that you are mapping to.

See PeopleSoft General Ledger 8.9 Implementation Guide, “Performing Financial Consolidations,” Mapping Dissimilar Charts of Accounts.

## Converting the Imported Ledger to the Second (or Consolidation) PeopleSoft Enterprise Ledger

Access the Load Ledgers Request page.

Load Ledgers Request page

<b>Business Unit</b>	Enter the business unit of the target ledger received from the JD Edwards EnterpriseOne system.
<b>Mapping Set</b>	Enter the mapping set that describes the mapping from the target to the second (or consolidation) ledger.
<b>Fiscal Year</b>	Supply the common fiscal year of the target and second, or consolidation, ledger data.
<b>Accounting Periods</b>	Enter the common periods of the target and second (or consolidation) ledger. For example, 0 to 12 for the beginning balance and the 12 months for a year. You can also enter 0 to 13 for a 13 period year. If you are entering information on a quarterly basis, you could enter 0 through 3 for the first quarter, or 10 through 12 for the fourth quarter.
<b>Include Adjustment Period(s)</b>	Select this check box to include periods from 901 through 997 or if all adjustments are summarized, enter 998 to both boxes.
<b>Perform Incremental Load</b>	This field is not used in this process.
<b>Load Unmapped Values</b>	By default, this check box is selected. If ChartField values are unmapped (either inadvertently or intentionally) and you do not clear this check box, the system enters the unmapped values in the second (or consolidation) ledger in the existing sequence in the ChartField values of the second (or consolidation) ledger.

See PeopleSoft General Ledger 8.9 Implementation Guide, “Performing Financial Consolidations,” Using the Ledger Interface Utility.





## **PART 3**

# **Integrating PeopleSoft Enterprise Treasury with JD Edwards EnterpriseOne General Accounting**

### **Chapter 8**

#### **Understanding the Treasury Integration**

### **Chapter 9**

#### **Setting Up the PeopleSoft Enterprise Treasury with JD Edwards EnterpriseOne General Accounting Integration**

### **Chapter 10**

#### **Setting Up Prerequisite Data for the Treasury Integration**

### **Chapter 11**

#### **Using the PeopleSoft Enterprise Treasury with JD Edwards EnterpriseOne General Accounting Integration**



## CHAPTER 8

# Understanding the Treasury Integration

This chapter provides discusses:

- Release levels.
- Business process.
- Integration architecture.
- Integration points.

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## Release Levels

This document supports the integration between JD Edwards EnterpriseOne 8.12 General Accounting and PeopleSoft Enterprise 8.9 Treasury Management.

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## Business Process

With the PeopleSoft Enterprise Treasury with JD Edwards EnterpriseOne General Accounting integration, you can use the PeopleSoft Enterprise Treasury system to manage your cash and manage risk to ensure sound fund management and to meet regulatory requirements while maintaining your accounting information in the JD Edwards EnterpriseOne General Accounting system.

The major tasks involved in the integration of the PeopleSoft Enterprise Treasury system with the JD Edwards EnterpriseOne General Accounting system are:

- Setting up integration options
- Setting up the integration in the PeopleSoft Enterprise database.
- Loading market rates from JD Edwards EnterpriseOne into PeopleSoft Enterprise tables.
- Synchronizing incremental changes in market rates in JD Edwards EnterpriseOne with the PeopleSoft Enterprise system.
- Sending journal entries for treasury transactions from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system.

The JD Edwards EnterpriseOne system sends status update messages to the PeopleSoft Enterprise system when the journal entries are written to JD Edwards EnterpriseOne staging table, transferred from the staging table to the Account Ledger, and posted to the Account Balances table.

- Sending bank statement information from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system so that reconciliation can take place in the JD Edwards EnterpriseOne system.

- Retrieving pertinent financial information from the JD Edwards EnterpriseOne system so that the PeopleSoft Enterprise system can include that information on the Cash Position Worksheet (CPW).

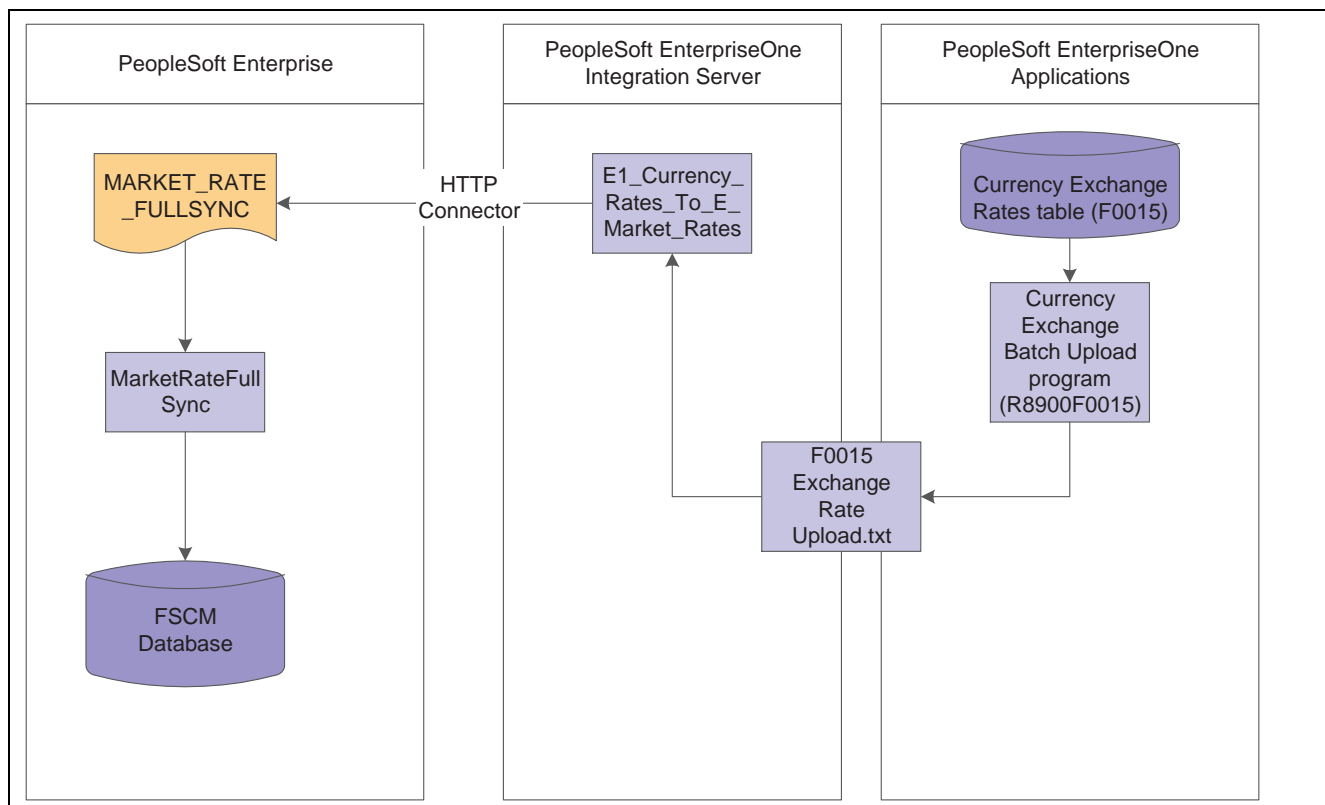
## Integration Architecture

This section discusses the integration architecture for the:

- Batch load of market rates.
- Incremental synchronization of market rates
- Transfer of journal entries.
- Transfer of bank statements.
- Retrieval of financial data for the Cash Position Worksheet.

### Integration Architecture for the Batch Load of Market Rates

This diagram illustrates the processes of loading market rates from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system by means of a batch load:



Market Rates Batch Load process

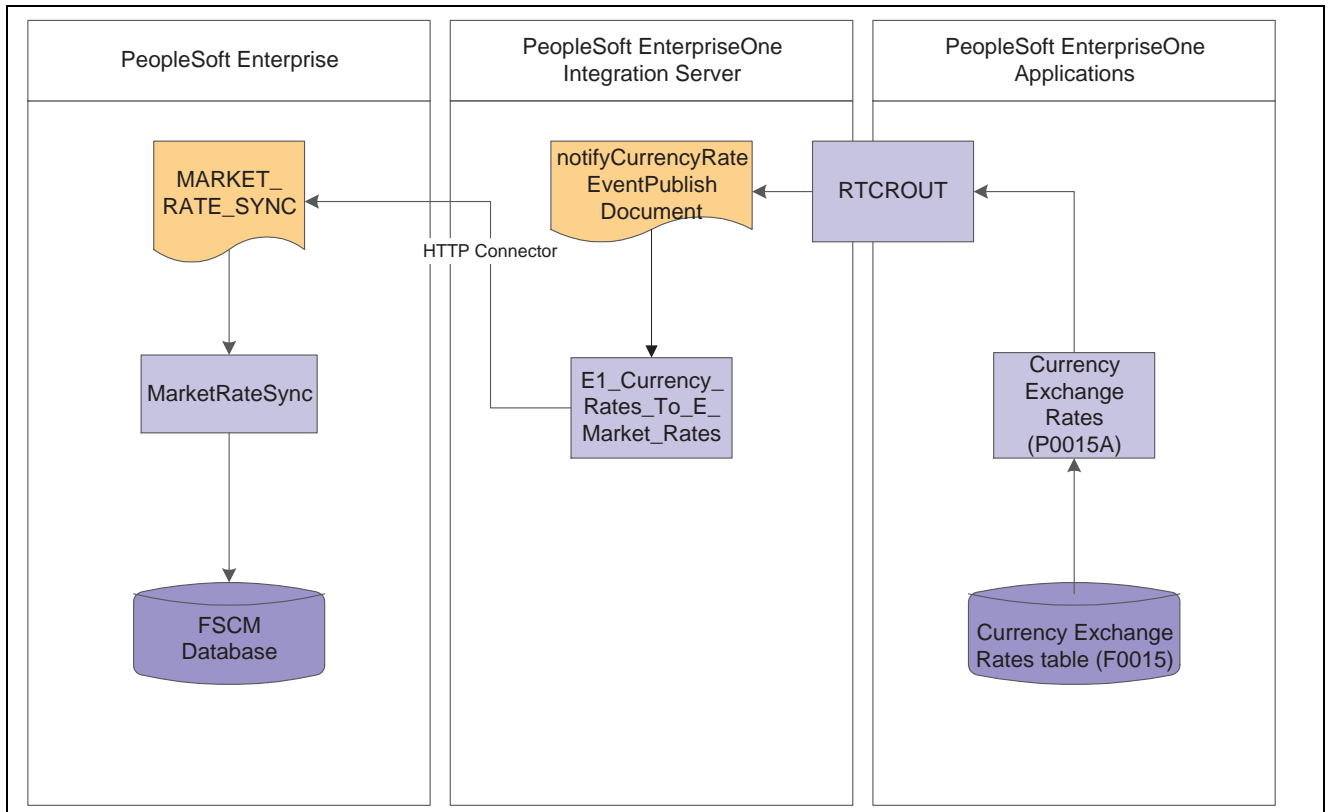
To perform an initial load of market rates:

1. Run the Currency Exchange Batch Upload program (R8900F0015) in the JD Edwards EnterpriseOne system to extract market rates from the JD Edwards EnterpriseOne database and write the data to a flat file named F0015 Exchange Rate Upload.txt.

2. Run the E1\_Currency\_Rates\_To\_E\_Market\_Rates batch integration in the Integration Server to retrieve the flat file, transform it, and create the MARKET\_RATE\_FULLSYNC message.
3. The Integration Server Dispatcher picks up the MARKET\_RATE\_FULLSYNC message and sends it to the PeopleSoft Enterprise system using Integration Broker and an HTTP connector.

## Integration Architecture for the Incremental Synchronization of Market Rates

This diagram illustrates the incremental synchronization of market rates from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system:



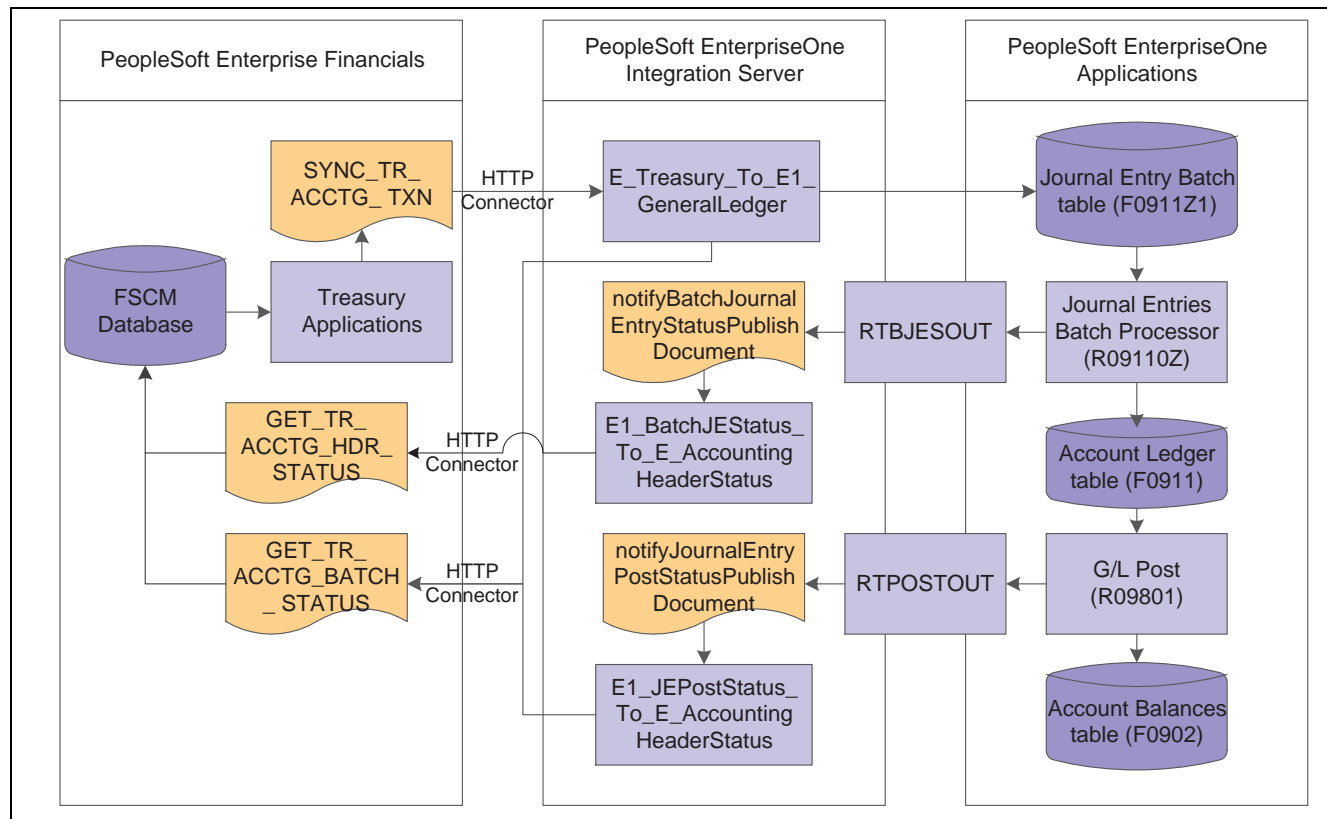
Market Rates Incremental Synchronization process

The incremental sync integration runs automatically and consists of these major steps:

1. The RTCROUT real-time event is triggered by the JD Edwards EnterpriseOne system when an exchange rate is added, deleted, or changed.
2. The real-time event triggers an adapter service, which publishes the **notifyCurrencyRateEventPublishDocument**.
3. The **E1\_Currency\_Rates\_To\_E\_Market\_Rates** integration flow receives the published document, and transforms the JD Edwards EnterpriseOne data to the **MARKET\_RATE\_SYNC** message.
4. The **MARKET\_RATE\_SYNC** message is retrieved by an integration point, which writes the data to the PeopleSoft Enterprise database.

## Integration Architecture for the Transfer of Journal Entries

This diagram illustrates the process of sending journal entries from PeopleSoft Enterprise Treasury to the JD Edwards EnterpriseOne system:



Journal Entry Integration process

Sending journal entries from the PeopleSoft Enterprise Treasury system to the JD Edwards EnterpriseOne General Accounting system consists of these major steps:

1. A PeopleSoft Enterprise Treasury user publishes the SYNC\_TR\_ACCTG\_TXN outbound XML message with the information to create JD Edwards EnterpriseOne journal entries.

The PeopleSoft Enterprise system updates the Integration Status of the entries in the Treasury system to *Sent*.

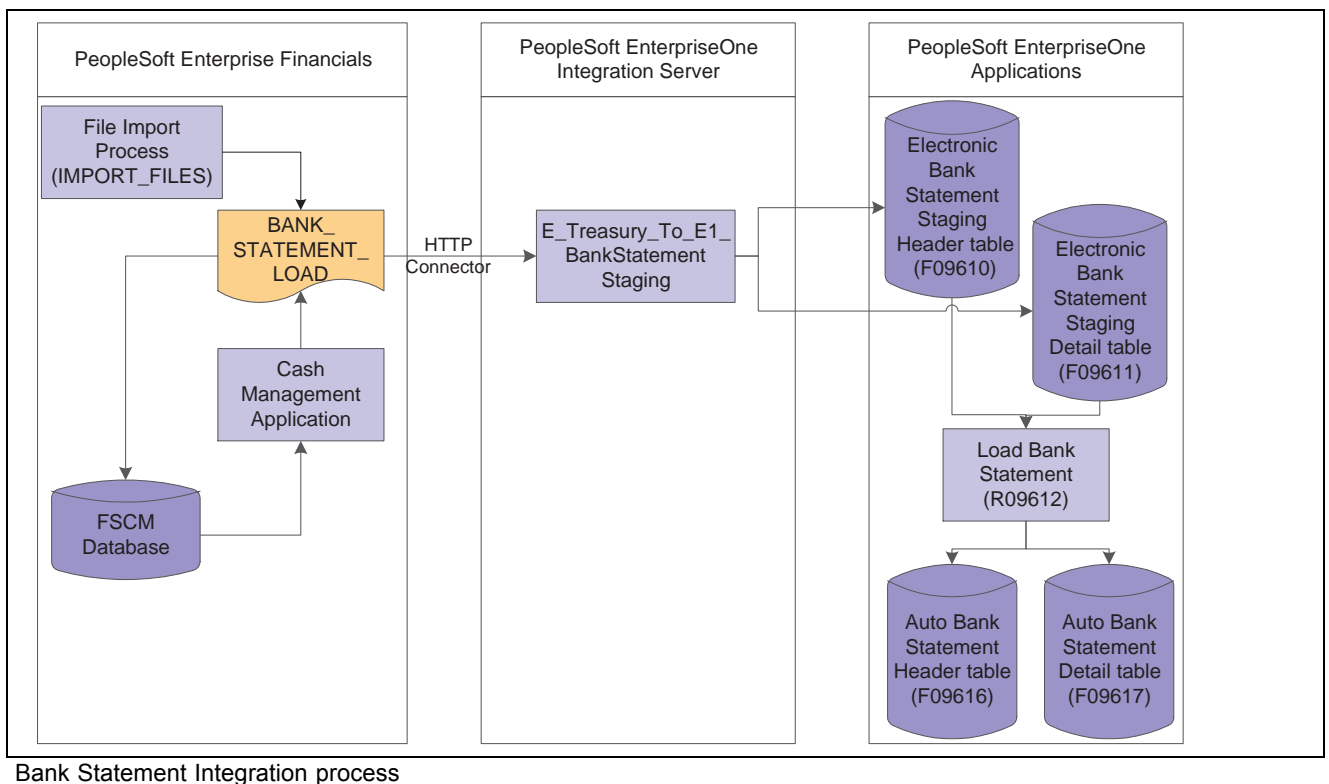
2. The Integration Server is listening for the IP message, and triggers the E\_Treasury\_To\_E1\_GeneralLedger integration flow, which transforms the message data and inserts the data in the Journal Entry Batch table (F0911Z1).
3. The Integration Server determines whether the insert was successful and posts a GET\_TR\_ACCTG\_BATCH\_STATUS Inbound reply message to the PeopleSoft Enterprise system.  
This message contains the unique identifier for the batch and a status. The Integration Broker calls the appropriate subscription code to update the accounting integration status to either *Received* or *Error* based on the data in the message.
4. A JD Edwards EnterpriseOne user runs the Journal Entries Batch Processor program (R09110Z) to validate the data and update the Account Ledger table (F0911).
5. The Journal Entries Batch Processor program triggers the RTBJESOUT real-time event.

6. The adapter service receives the real-time event and converts it to the `notifyBatchJournalEntryStatusPublishDocument`.
7. The Integration Server receives the `notifyBatchJournalEntryStatusPublishDocument` and triggers the `E1_BatchJESStatus_To_E_AccountingHeaderStatus` flow, which generates the `GET_TR_ACCTG_HDR_STATUS` message and sends it to the Integration Broker using the dispatcher.
8. The Integration Broker updates the accounting integration status in PeopleSoft Enterprise to a status of `Loaded` or `Error`.
9. A JD Edwards EnterpriseOne user runs the G/L Post program (R09801) to post the F0911 records to the Account Balances table (F0902).
10. The G/L Post program triggers the `RTPOSTOUT` real-time event.
11. The adapter services receives the real-time event and converts it to the `notifyJournalEntryPostStatusPublishDocument`.
12. The Integration Server receives the `notifyJournalEntryPostStatusPublishDocument` and triggers the `E1_JEPostStatus_To_E_AccountingHeaderStatus` flow, which generates the `GET_TR_ACCTG_BATCH_STATUS` message and sends it to the Integration Broker using the dispatcher.
13. The Integration Broker calls the appropriate subscription code to update the accounting integration status in PeopleSoft Enterprise.

At this point, the accounting lines have a status of *Posted* and the Treasury user is not able to edit the accounting entries from this point forward.

## Integration Architecture for the Transfer of Bank Statements

This diagram illustrates the process of sending the previous day's bank statement from the PeopleSoft Enterprise Treasury system to the JD Edwards EnterpriseOne General Accounting system:



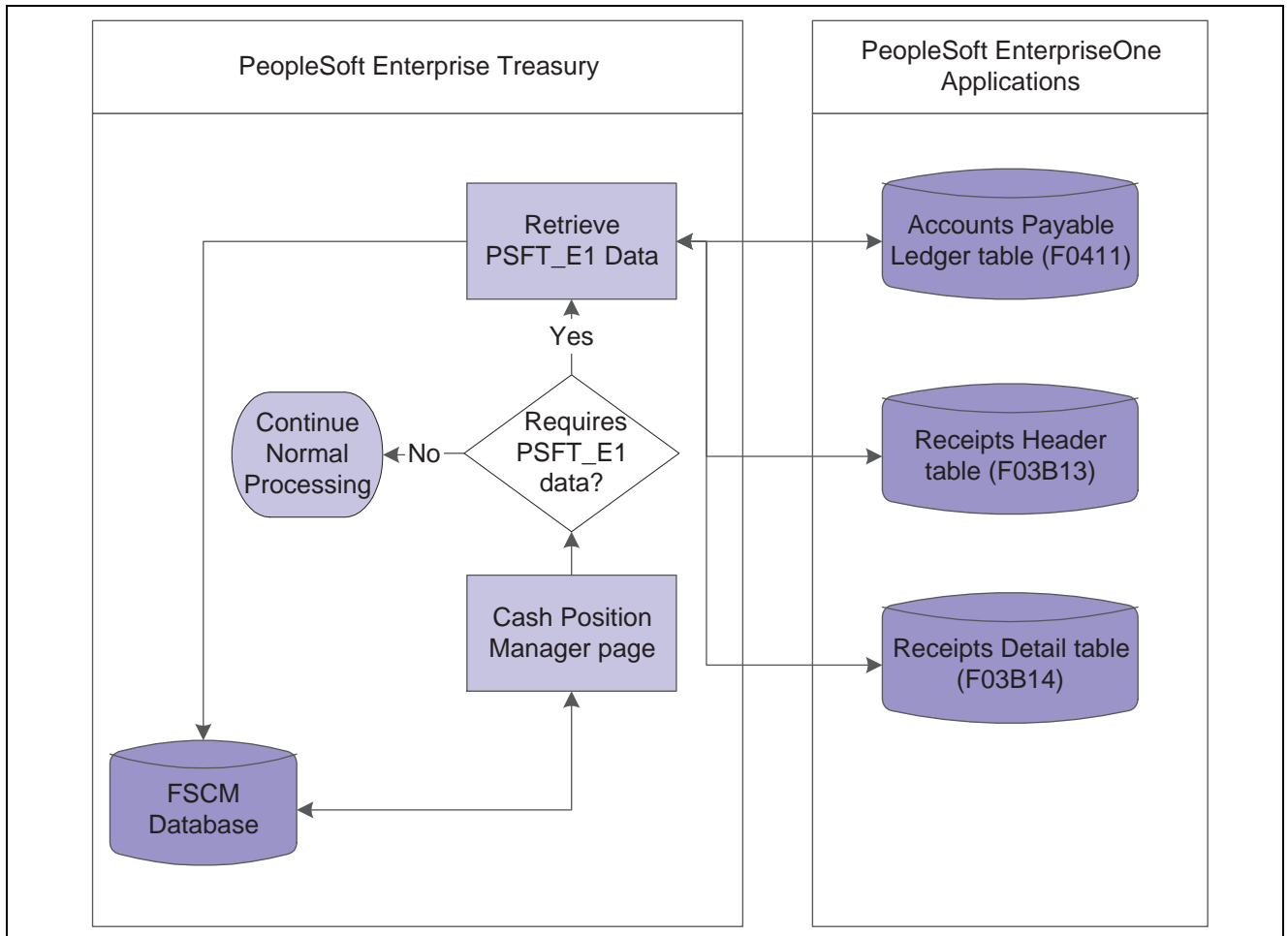
Sending bank statements from the PeopleSoft Enterprise Financials system to the JD Edwards EnterpriseOne General Accounting system consists of these major steps:

1. A PeopleSoft Enterprise Treasury user imports the bank statement file by running the File Import Application Engine process (IMPORT\_FILE) either manually or using the Process Scheduler.
2. The PeopleSoft Enterprise Treasury system transforms the bank statement file to the BANK\_STATEMENT\_LOAD message and uses that message to load the bank statement into the PeopleSoft Enterprise Treasury database.
3. After the message is processed in the Treasury database, the system publishes the BANK\_STATEMENT\_LOAD message.
4. The Integration Server is listening for the IP message, and triggers the E\_Treasury\_To\_E1\_BankStatementStaging integration flow, which transforms the message data and inserts the data in the Electronic Bank Statement Staging Header table (F09610) and the Electronic Bank Statement Staging Detail table (F09611).
5. A JD Edwards EnterpriseOne user runs the Load Bank Statement program (R09612) to validate the data and update the Auto Bank Statement Header table (F09616) and the Auto Bank Statement Detail table (F09617).
6. A JD Edwards EnterpriseOne user uses the bank statement data to perform reconciliation and other bank statement processes.

## **Integration Architecture for the Retrieval of Financial Data for the Cash Position Worksheet**

This diagram illustrates the process of retrieving financial data from the JD Edwards EnterpriseOne system for the Cash Position Worksheet (CPW):





Data Retrieval for Cash Position Worksheet process

Retrieving financial data from the JD Edwards EnterpriseOne system for the CPW consists of these major steps:

1. The Cash Manager selects the worksheet to be calculated on the Position Manager page in the PeopleSoft Enterprise system, enters the required data for the worksheet, and clicks the Calculate button.
2. The PeopleSoft Enterprise Treasury system determines whether the worksheet requires data from the JD Edwards EnterpriseOne system.
3. If the worksheet requires data from the JD Edwards EnterpriseOne system, the system uses the JDBJ API to retrieve the appropriate data directly from these tables in the JD Edwards EnterpriseOne database:
  - Accounts Payable Ledger (F0411)
  - Receipts Header (F03B13)
  - Receipts Detail (F03B14)
4. The data is populated in the appropriate tables for the CPW and normal CPW processing continues.

## Integration Points

This chapter lists integration points for the:

- Integration of market rates.
- Transfer of journal entries.
- Transfer of bank statements.

## Integration Points for the Integration of Market Rates

This table lists the integration points used by the Treasury integration to send market rate information from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system:

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
MARKET_RATE_FULLSYNC	E1_Currency_Rates_To_E_Market_Rates: convert_E1_Currency_Rates_To_E_Market_Rates	Currency Exchange Batch Upload (R8900F0015)	This integration point retrieves JD Edwards EnterpriseOne currency rate data from a flat file and converts it to PeopleSoft Enterprise market rate data.
MARKET_RATE_SYNC	E1_Currency_Rates_To_E_Market_Rates: convert_E1_Currency_Rates_To_E_Market_Rates	RTCROUT	This integration point sends incremental changes in JD Edwards EnterpriseOne currency rate data to PeopleSoft Enterprise market rate data.

## Integration Points for the Transfer of Journal Entries

This table lists the integration points used by the Treasury integration to send journal entries from the PeopleSoft Enterprise Treasury system to the JD Edwards EnterpriseOne General Accounting system:

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
SYNC_TR_ACCTG_TXN	E_Treasury_To_E1_GeneralLedger	Journal Entry Transactions – Batch File (F0911Z1)	<p>This integration sends journal entries for PeopleSoft Enterprise Treasury transactions to the JD Edwards EnterpriseOne system.</p> <p>This integration loads the journal entries data into the Journal Entry Batch table (F0911Z1) table in the JD Edwards EnterpriseOne system.</p>

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
GET_TR_ACCTG_BATCH_STATUS	E_Treasury_To_E1_GeneralLedger	None	This integration sends a status message from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise Treasury to indicate whether the insert into the Journal Entry Batch table (F0911Z1) was successful.
GET_TR_ACCTG_HDR_STATUS	E1_BatchJESatus_To_E_AccountingHeaderStatus	Journal Entries Batch Processor (R09110Z) RTBJESOUT	This integration sends a status message from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise Treasury system when the journal entry data is uploaded from the Journal Entry Batch table (F0911Z1) to the Account Ledger table (F0911) to indicate the status of the upload.
GET_TR_ACCTG_BATCH_STATUS	E1_JEPostStatus_To_E_AccountingHeaderStatus	G/L Post (R09801) RTPOSTOUT	This integration sends a status message from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise Treasury system when the journal entries are posted from the Account Ledger table (F0911) to the Account Balances table (F0902).

## Integration Point for the Transfer of Bank Statements

This table lists the integration points used by the Treasury integration to send the previous day's bank statements from the PeopleSoft Enterprise Treasury system to the JD Edwards EnterpriseOne General Accounting system:

<b>PeopleSoft Enterprise Message Name</b>	<b>Integration Service Flow</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
BANK_STATEMENT_ LOAD	E_Treasury_To_E1_ BankStatementStaging	Electronic Bank Statement Staging Header (F09610)  Electronic Bank Statement Staging Detail (F09611)	<p>This integration sends the previous day's bank statement from PeopleSoft Enterprise Treasury to the JD Edwards EnterpriseOne system.</p> <p>This integration loads the bank statement data into staging tables in the JD Edwards EnterpriseOne system.</p>

## CHAPTER 9

# Setting Up the PeopleSoft Enterprise Treasury with JD Edwards EnterpriseOne General Accounting Integration

This chapter provides an overview of setup and implementation considerations and discusses how to:

- Set up the Treasury integration in the PeopleSoft Enterprise database.
- Set up the cash position worksheet integration.
- Set up the Treasury integration in the Integration Server.

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## Understanding Setup and Implementation Considerations

The PeopleSoft Enterprise Treasury to JD Edwards EnterpriseOne General Accounting integration functions based on these assumptions:

- Banks and bank account information is not synchronized between the two systems. The accounts must be entered into each system manually.
- The JD Edwards EnterpriseOne General Accounting system validates accounting entries and creates intercompany accounting entries if needed. The Inter/Intraunit Processor and Combination Editing processes should be disabled in the PeopleSoft Enterprise system.
- All bank statement processing and reconciliation should be done in the JD Edwards EnterpriseOne General Accounting system.
- PeopleSoft Enterprise and JD Edwards EnterpriseOne calendars must be synchronized manually.
- All journal entries will create entries using the AA ledger type only.
- No specific ChartField (chart of account) configurations are required for this integration.
- The PeopleSoft Enterprise Treasury system does not perform any document sequencing for integration transactions. Document sequencing is done in the JD Edwards EnterpriseOne system.
- Both systems store appropriate keys to reference the transactions in the other system. For example, the JD Edwards EnterpriseOne journal ID is stored in the PeopleSoft Enterprise Treasury system and the batch and accounting ID are stored in the JD Edwards EnterpriseOne system.

## Setting Up the Treasury Integration in the PeopleSoft Enterprise Database

This section lists prerequisites and discuss how to:

- Set up Treasury installation options.
- Activate integration transactions for the Treasury integration.
- Activate messages for the Treasury integration.
- Activate message channels for the Treasury integration.
- Add channels to permissions for the Treasury integration.
- Activate message subscriptions for the Treasury integration.

### Prerequisites

Before you complete the tasks discussed here to set up the integration environment in the PeopleSoft Enterprise Financials/SCM database:

- Set up the local gateway in the PeopleSoft Enterprise Financials/SCM database.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Local Gateway, page 17.](#)

- Activate the PSFT\_E1 message node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Nodes, page 18.](#)

- Identify the properties and provide a designated URL for the PSFT\_E1 node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Node Definitions, page 18.](#)

### Pages Used to Set Up the Treasury Integration in the PeopleSoft Enterprise Database

Access these pages in the PeopleSoft Enterprise Financials/SCM database.

Page Name	Object Name	Navigation	Usage
Installation Options	INSTALLATION_TR	Set Up Financials/Supply Chain, Install, Installation Options, Treasury	Set up installation options to enable the Treasury integration.
Node Definition - Transactions	IB_NODETRXLIST	PeopleTools, Integration Broker, Integration Setup, Node Definitions, Transactions tab	Activate the messages used to pass data between PeopleSoft Enterprise Treasury and JD Edwards EnterpriseOne General Accounting.

## Setting Up Treasury Installation Options

Access the Installation Options page – Treasury tab.

The screenshot shows the 'Treasury' tab of the 'Installation Options' page. It features three main sections:

- Accounting Integration:** Includes a checked checkbox for 'Enable Accounting Integration' and a dropdown menu for 'Integration Engine Run Option' set to 'Scheduled'.
- EnterpriseOne Connection Data:** Includes text input fields for 'DBID' (XPI3), 'Password' (masked), and 'Server' (STBAWSI2), along with a 'Test Connection' button.
- Financial Gateway Options:** Includes a checked checkbox for 'Password Prompt on Dispatch', a text input field for 'Online Dispatch Server Name' with a search icon, and a text input field for 'Import Max Payments per Msg' set to 1500.

Installation Options page: Treasury tab

### Enable Accounting Integration

Select this option to enable the accounting integration.

### Integration Engine Run Option

Select an option to indicate whether the integration application engine should use the process scheduler or run immediately after accounting.















**Note.** If your connection fails and you are using a DB2 database, you will need to modify the *AddToPath* variable supported by the application server domain configuration file (psappsrv.cfg). Include the bin and function path that contain files to access DB2. Proceed to application server domain administration (psadmin) and reconfigure this domain. Select *AddToPath* settings and add the additional paths separated by a semicolon. Reload the new configuration and boot the domain.

### See Also

PeopleSoft Application Fundamentals 8.9 Implementation Guide, “Setting Installation Options for PeopleSoft Applications,” Setting Up Application-Specific Installation Options

## Activating Integration Transactions for the Treasury Integration

Access the Node Definition - Transactions page.

Node Definitions <b>Contacts</b> Properties   Connectors <b>Transactions</b> 							
<b>Node Name</b> PSFT_E1							
Transactions <span style="float: right;">Customize   Find    First 1-31 of 31 Last</span>							
		Transaction Type	Request Message	Request Message Version	Effective Date	Status	
1	<a href="#">Edit</a>	OutAsync	ADD_ASSET_PUB	VERSION_1	01/01/1900	Inactive	
2	<a href="#">Edit</a>	OutAsync	ADD_EMP_PUB	VERSION_1	01/01/1900	Inactive	
3	<a href="#">Edit</a>	OutAsync	ADD_PROP_PUB	VERSION_1	01/01/1900	Inactive	
4	<a href="#">Edit</a>	OutAsync	BANK_STATEMENT_LOAD	VERSION_2	01/01/1900	Active	
5	<a href="#">Edit</a>	InAsync	BOM_SYNC	VERSION_1	05/30/2005	Active	
6	<a href="#">Edit</a>	InAsync	GET_TR_ACCTG_BATCH_STATUS	VERSION_1	01/01/1900	Active	
7	<a href="#">Edit</a>	InAsync	GET_TR_ACCTG_HDR_STATUS	VERSION_1	01/01/1900	Active	
8	<a href="#">Edit</a>	OutAsync	ITEM_FULLSYNC_EFF	VERSION_1	05/27/2005	Inactive	
9	<a href="#">Edit</a>	InAsync	ITEM_PRICELIST_LOAD	VERSION_1	01/01/1900	Active	
10	<a href="#">Edit</a>	InAsync	ITEM_SYNC	VERSION_1	01/01/1900	Active	
11	<a href="#">Edit</a>	OutAsync	ITEM_SYNC_EFF	VERSION_1	05/27/2005	Inactive	
12	<a href="#">Edit</a>	InAsync	MARKET_RATE_FULLSYNC	VERSION_1	01/01/1900	Active	

Node Definitions - Transactions page

These messages must be activated.

Transaction Name	Version	Transaction Type
BANK_STATEMENT_LOAD	VERSION_2	OutAsync
GET_TR_ACCTG_BATCH_STATUS	VERSION_1	InAsync
GET_TR_ACCTG_HDR_STATUS	VERSION_1	InAsync
SYNC_TR_ACCTG_TXN	VERSION_1	OutAsync
MARKET_RATE_FULLSYNC	VERSION_1	InAsync
MARKET_RATE_SYNC	VERSION_1	InAsync

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Integration Transactions, page 19.](#)

## Activating Messages for the Treasury Integration

Verify that these messages are active:

- BANK\_STATEMENT\_LOAD
- GET\_TR\_ACCTG\_BATCH\_STATUS
- GET\_TR\_ACCTG\_HDR\_STATUS
- MARKET\_RATE\_FULLSYNC
- MARKET\_RATE\_SYNC



- SYNC\_TR\_ACCTG\_TXN

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Messages, page 17.](#)

## Activating Message Channels for the Treasury Integration

Verify that these message channels have a message channel status of *Run*:

- BANK\_STATEMENT
- TREASURY
- MARKET\_RATES

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Channels, page 17.](#)

## Adding Channels to Permissions for the Treasury Integration

To integrate PeopleSoft Enterprise Treasury with the JD Edwards EnterpriseOne system, you must set the channel permissions for these channels:

- MARKET\_RATES
- BANK\_STATEMENT
- TREASURY

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Adding Channels to Permissions, page 19.](#)

## Activating Message Subscriptions for the Treasury Integration

Verify that these message subscriptions are active:

Message Name	Subscription Name
MARKET_RATE_FULLSYNC	MarketRateFullSync
MARKET_RATE_SYNC	MarketRateSync
GET_TR_ACCTG_BATCH_STATUS	GET_TR_ACCTG_BATCH_STATUS
GET_TR_ACCTG_HDR_STATUS	GET_TR_ACCTG_HDR_STATUS

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Subscriptions, page 19.](#)

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## Setting Up the Cash Position Worksheet Integration

The section provides an overview of the CPW integration process and lists the pages used to map the CPW integration.

## Understanding the CPW Integration Process

PeopleSoft Enterprise Cash Management uses the JDBJ Java API to access the JD Edwards EnterpriseOne database directly to generate a CPW. To accomplish this, PeopleSoft Enterprise setIDs, business units, and accounts must be mapped to corresponding fields in the JD Edwards EnterpriseOne system. This table lists the records involved in the CPW integration.

JD Edwards EnterpriseOne Source Record	PeopleSoft Enterprise Target Record
F0411	TR_CPW_INT_AP
F03B14	TR_CPW_INT_AR

This table lists the functional mapping between the two systems.

JD Edwards EnterpriseOne Field	PeopleSoft Enterprise Field
Company ID	SetID
Business Unit	Business Unit
Currency	Base Currency
Account Short ID	Account
Accounts Unit\Account Object \ Account Subsidiary	Account Description

The PeopleSoft system delivers the necessary code mapping between JD Edwards EnterpriseOne records and fields and the corresponding PeopleSoft Enterprise records and fields. Use the pages listed in this section to access the data used in the preconfigured CPW integration process. For example, the payables record in the JD Edwards EnterpriseOne database is F0411, and in the PeopleSoft Enterprise database is TR\_CPW\_INT\_AP. The JD Edwards EnterpriseOne field MCU is mapped to the PeopleSoft Enterprise field TR\_CPW\_INT\_APEONE\_BU that is mapped to the position field type in PeopleSoft Enterprise as BUSINESS UNIT.

### See Also

PeopleSoft Enterprise Cash Management 8.9 Implementation Guide, “Defining Cash Positions”

## Pages Used to Map the CPW Integration

Access these pages in the PeopleSoft Enterprise Financials/SCM database.

Page Name	Object Name	Navigation	Usage
Position Source	POS_SOURCE_TBL	Setup Financials/Supply Chain, Product Related, Treasury, Position Source	Provide a more intuitive list of fields from which to select in the Position Manager. Use these alias names when entering selection criteria for position nodes.  <b>Note.</b> The PeopleSoft system delivers the ENTERPRISEONE -AP and the ENTERPRISEONE - AR position sources with the preconfigured default mappings for the CPW integration.
Position Manager Records	POS_EXT_DATA_REC	Setup Financials/Supply Chain, Product Related, Treasury, Position Manager Records	View the records involved in the CPW integration process.
Position Field Types	POS_FIELD_TYPE_PNL	Setup Financials/Supply Chain, Product Related, Treasury, Position Field Types	Define the sets of table fields that are available to the position management tool.
Position Manager Field Map	TR_INT_MAP	Setup Financials/Supply Chain, Product Related, Treasury, Position Manager Field Map	View the field mappings between the JD Edwards EnterpriseOne and PeopleSoft Enterprise payables and receivables records.  <b>Note.</b> The PeopleSoft system delivers the E1_AR_MAP and the E1_AR_MAP integration maps preconfigured for the CPW integration process.

## Setting Up the Treasury Integration in the Integration Server

This section provides an overview of utility services, lists prerequisites, and discusses how to:

- Enable JD Edwards EnterpriseOne Adapter Listener Notifications for the Treasury integration.
- Set up integration options for the Treasury integration.

### Understanding Utility Services

The Treasury integration uses these utility services:

- PSFT\_Enterprise\_Treasury.utils:determineExchangeRate
- PSFT\_Enterprise\_Treasury.utils:getTREConstants
- PSFT\_Enterprise\_Treasury.utils:transformDateAndTimeFieldsToDateTime

## Prerequisites

Before completing the tasks in this section:

- Enable dependent packages.

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Setting Up Dependent Packages, page 22.](#)

- Enable the JD Edwards EnterpriseOne Adapter and the JD Edwards EnterpriseOne Adapter Listener.

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter, page 23.](#)

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter Listener, page 23.](#)

## Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the Treasury Integration

Enable the listener and these listener notifications within the PSFT\_JD Edwards EnterpriseOne\_AdapterServices package:

- AdapterServices.Notification.LearningManagement:notifyCurrencyRateEvent
- AdapterServices.Notification.Financials:notifyBatchJournalEntryStatus
- AdapterServices.Notification.Financials:notifyJournalEntryPostStatus

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling JD Edwards EnterpriseOne Adapter Listener Notifications, page 23.](#)

## Setting Up Integration Options for the Treasury Integration

This section lists the integration options for these integration points:

- Currency Rates
- Treasury Journal Entries
- Batch Journal Entry Status
- Journal Entry Post Status
- Bank Statements

### Currency Rates

The integration of currency rates requires these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_Treasury, InitialBatchLoads, E1_Currency_Rates_To_E_Market_Rates, convert_E1_Currency_Rates_To_E_Market_Rates	Export Directory	Specify the location of the F0015 Exchange Rate Upload.txt file that is generated by the Currency Exchange Batch Upload program (R8900F0015).  This value is an example: \\machinename\pyexport.
PSFT_JD Edwards EnterpriseOne_Treasury	From Node	Specify the JD Edwards EnterpriseOne node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.  This value is an example: <i>PSFT_E1</i> .  This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.
PSFT_JD Edwards EnterpriseOne_Treasury	To Node	Specify the PeopleSoft Enterprise node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.  This value is an example: <i>PSFT_EP</i> .  This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.
PSFT_JD Edwards EnterpriseOne_Treasury	Gateway URL	Specify the URL of the local gateway in the PeopleSoft Enterprise system.  This value is an example: <i>http://sunrise/PSIGW/PeopleSoftListeningConnector</i>
PSFT_JD Edwards EnterpriseOne_Treasury	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_Treasury	PSCAMA Class	The PSCAMA class is required by the PeopleSoft Enterprise messaging system.  The default value is <i>R</i> and should not be changed.
PSFT_JD Edwards EnterpriseOne_Treasury	Base Language	Specify the base language of the JD Edwards EnterpriseOne database. This is used by generic, full-table subscription PeopleCode to help determine which tables to update.  The default value is <i>ENG</i> (English).
PSFT_JD Edwards EnterpriseOne_Treasury	Language	Specify the language in which the messages that are sent to the PeopleSoft Enterprise system are generated, so that PeopleSoft Enterprise can take that information into account when processing the message.  The default value is <i>ENG</i> (English).
PSFT_JD Edwards EnterpriseOne_ELM	Market Rate Index	Specify the market rate index for market rates that are sent to the PeopleSoft Enterprise system.  The default value is <i>TEST_INDEX</i> .

## Treasury Journal Entries

The integration of Treasury journal entries requires these integration options:

Navigation	Integration Option	Usage
System	E1 Date Pattern	Specify the date pattern that is set up in the JD Edwards EnterpriseOne system (for example, <i>MM/dd/yyyy</i> ).
PSFT_JD Edwards EnterpriseOne_Treasury	From Node	Specify the JD Edwards EnterpriseOne node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.  This value is an example: <i>PSFT_E1</i> .  This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_Treasury	To Node	<p>Specify the PeopleSoft Enterprise node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_EP</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>
PSFT_JD Edwards EnterpriseOne_Treasury	Gateway URL	<p>Specify the URL of the local gateway in the PeopleSoft Enterprise system.</p> <p>This value is an example: <i>http://sunrise/PSIGW/PeopleSoftListeningConnector</i></p>
PSFT_JD Edwards EnterpriseOne_Treasury	Transaction Transport	<p>Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).</p> <p>The default value is <i>http</i>.</p>
PSFT_JD Edwards EnterpriseOne_Treasury	PSCAMA Class	<p>The PSCAMA class is required by the PeopleSoft Enterprise messaging system.</p> <p>The default value is <i>R</i> and should not be changed.</p>

### Batch Journal Entry Status

The integration of the batch journal entry status requires these integration options:

Navigation	Integration Option	Usage
System	E1 Date Pattern	<p>Specify the date pattern that is set up in the JD Edwards EnterpriseOne system (for example, <i>MM/dd/yyyy</i>).</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_Treasury	From Node	<p>Specify the JD Edwards EnterpriseOne node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_E1</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>
PSFT_JD Edwards EnterpriseOne_Treasury	To Node	<p>Specify the PeopleSoft Enterprise node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_EP</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>
PSFT_JD Edwards EnterpriseOne_Treasury	Gateway URL	<p>Specify the URL of the local gateway in the PeopleSoft Enterprise system.</p> <p>This value is an example: <i>http://sunrise/PSIGW/PeopleSoftListeningConnector</i></p>
PSFT_JD Edwards EnterpriseOne_Treasury	Transaction Transport	<p>Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).</p> <p>The default value is <i>http</i>.</p>
PSFT_JD Edwards EnterpriseOne_Treasury	PSCAMA Class	<p>The PSCAMA class is required by the PeopleSoft Enterprise messaging system.</p> <p>The default value is <i>R</i> and should not be changed.</p>

## Journal Entry Post Status

The integration of the journal entry posting status requires these integration options:



Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_Treasury	From Node	<p>Specify the JD Edwards EnterpriseOne node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_E1</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>
PSFT_JD Edwards EnterpriseOne_Treasury	To Node	<p>Specify the PeopleSoft Enterprise node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_EP</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>
PSFT_JD Edwards EnterpriseOne_Treasury	Gateway URL	<p>Specify the URL of the local gateway in the PeopleSoft Enterprise system.</p> <p>This value is an example:  <i>http://sunrise/PSIGW/PeopleSoftListeningConnector</i></p>
PSFT_JD Edwards EnterpriseOne_Treasury	Transaction Transport	<p>Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).</p> <p>The default value is <i>http</i>.</p>
PSFT_JD Edwards EnterpriseOne_Treasury	PSCAMA Class	<p>The PSCAMA class is required by the PeopleSoft Enterprise messaging system.</p> <p>The default value is <i>R</i> and should not be changed.</p>

## Bank Statements

The integration of bank statements requires these integration options:

Navigation	Integration Option	Usage
System	E1 Date Pattern	Specify the date pattern that is set up in the JD Edwards EnterpriseOne system (for example, <i>MM/dd/yyyy</i> ).

**See Also**

Chapter 4, “Setting Up Integrations in the Integration Server,” Setting Up Integration Options and Cross References, page 24

## CHAPTER 10

# Setting Up Prerequisite Data for the Treasury Integration

This chapter discusses how to:

- Set up manual data for the Treasury integration.
- Load market rates for the Treasury integration.

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## Setting Up Manual Data for the Treasury Integration

Due to their static nature, certain entities must be manually synchronized between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.

You must load the values for these JD Edwards EnterpriseOne codes into the PeopleSoft Enterprise system before you run the integration:

PeopleSoft Enterprise Entity	JD Edwards EnterpriseOne Entity	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Navigation
SetIDs	Companies	PeopleTools, Utilities, Administration, TableSet IDs	Organization & Account Setup (G09411), Company Names & Numbers
Business Units	Business Units	Set Up Financials/Supply Chain, Business Unit Related, General Ledger, General Ledger Definition	Organization & Account Setup (G09411), Review and Revise Business Units
Accounts	Accounts	Set Up Financials/Supply Chain, Common Definitions, Design ChartFields, Define Values, ChartField Values, Account	Organization & Account Setup (G09411), Review and Revise Accounts

### Set IDs and Companies

Enter values from the Company (CO) field in JD Edwards EnterpriseOne in the SETID field in PeopleSoft Enterprise.

Enter the company name in the DESCR field in PeopleSoft Enterprise.

## Business Units

Enter values from the Company (CO) field in JD Edwards EnterpriseOne in the SETID field in PeopleSoft Enterprise.

Enter values from the Business Unit (MCU) field in JD Edwards EnterpriseOne in the DESCR field in PeopleSoft Enterprise.

The system automatically generates the values for the BUSINESS\_UNIT field in PeopleSoft Enterprise.

Enter values from the Domestic Currency (CRCD) field from the JD Edwards EnterpriseOne company in the BASE\_CURRENCY field in PeopleSoft Enterprise.

## Accounts

Set up the JD Edwards EnterpriseOne general ledger accounts that represent bank accounts as PeopleSoft Enterprise accounts.

Enter values from the Company (CO) field in JD Edwards EnterpriseOne in the SETID field in PeopleSoft Enterprise.

Specify the value from the Account ID field (AID) in JD Edwards EnterpriseOne in the ACCOUNT field and the DESCRSHORT field in PeopleSoft Enterprise.

Enter a concatenation of the businessunit.object. subsidiary account number in the DESCR field in PeopleSoft Enterprise.

Enter the value from the Posting Edit field (PEC) in JD Edwards EnterpriseOne in the EFF\_STATUS field in PeopleSoft Enterprise.

Specify *January 01, 1900* in the EFFDT field in PeopleSoft Enterprise.

---

## Loading Market Rates for the Treasury Integration

This section provides overviews of the process of loading market rates into the PeopleSoft Enterprise Treasury system and of the incremental synchronization of market rates for the Treasury integration, lists prerequisites, and discusses how to:

- Set processing options for the Currency Exchange Batch Upload program (R8900F0015).
- Run the batch integration of market rates in the Integration Server.

## Understanding the Process of Loading Market Rates into the PeopleSoft Enterprise Treasury System

This table describes the initial loads of market rates:

Table Conversion Program	Flat File Name	Batch Integration Flow	Message
Currency Exchange Batch Upload (R8900F0015)	F0015 Exchange Rate Upload.txt	E1_Currency_Rates_To_E_Market_Rates: convert_E1_Currency_Rates_To_E_Market_Rates	MARKET_RATE_FULLSYNC

### E1\_Currency\_Rates\_To\_E\_Market\_Rates

This initial data load sends currency rate data from the JD Edwards EnterpriseOne Currency Exchange Rates table (F0015) to the PeopleSoft Enterprise Market Rate table (RT\_RATE\_TBL).

You must manually add market rate type to the PeopleSoft Enterprise Market Rate Type table (PS\_RT\_TYPE\_TBL) before running this service. The value entered must match what was entered in the Market Rate Index integration option.

## Understanding the Incremental Synchronization of Market Rates for the Treasury Integration

After you have initially loaded market rates from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise system, you may need to sync up additions or changes to market rates that occur in the JD Edwards EnterpriseOne system.

Incremental sync integrations run automatically when you add, change, or delete integrated data in the JD Edwards EnterpriseOne system.

This table describes the incremental sync of market rates:

JD Edwards EnterpriseOne Real-Time Event	Published Interface Document	Integration Service Flow	Message
RTCROUT	notifyCurrencyRateEvent PublishDocument	E1_Currency_Rates_To_E_Market_Rates: convert_E1_Currency_Rates_To_E_Market_Rates	MARKET_RATE_SYNC

### E1\_Currency\_Rates\_To\_E\_Market\_Rates

This incremental synchronization sends changes in currency rate data from the JD Edwards EnterpriseOne Currency Exchange Rates table (F0015) to the PeopleSoft Enterprise Learning Management Market Rate table (RT\_RATE\_TBL).

## Prerequisites

Before you load the master data described in this section:

- Set up UTF-8 encoding in the JD Edwards EnterpriseOne system so that the flat files that are created by the table conversion problems are encoded correctly.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Unicode Flat File Encoding, page 20.](#)

- Set up the export folder where you want the JD Edwards EnterpriseOne table conversions to create the flat files.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Export Folder for Table Conversions, page 20.](#)

- Activate real-time events in the JD Edwards EnterpriseOne system.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Realtime Events, page 20.](#)

## Setting Processing Options for the Currency Exchange Batch Upload Program (R8900F0015)

Processing options enable you to specify the default processing for programs and reports.

### Date

<b>Enter Date - Effective for Exchange Rates</b>	Specify the effective date of the exchange rates. Leave this processing option blank to use the system date.
--	--

## Running Batch Integrations of Market Rates in the Integration Server

Use JD Edwards EnterpriseOne WSG Integration Server or WSG Developer to invoke the batch integration. The initial batch load contains services, which perform the necessary data transformations and export XML files that the PeopleSoft Enterprise system can receive.

To run the market rate batch integration manually, invoke the PSFT\_JD Edwards EnterpriseOne\_ELM, Financials, InitialBatchLoads, E1\_Currency\_Rates\_To\_E\_Market\_Rates, convert\_E1\_Currency\_Rates\_To\_E\_Market\_Rates service.

### See Also

webMethods Integration Server Administrator's Guide 6.1, "Managing Services," Working with Services, Testing Services

## CHAPTER 11

# Using the PeopleSoft Enterprise Treasury with JD Edwards EnterpriseOne General Accounting Integration

This chapter discusses how to:

- Send journal entries from PeopleSoft Enterprise Treasury to JD Edwards EnterpriseOne General Accounting.
- Sending bank statements from PeopleSoft Enterprise Treasury to JD Edwards EnterpriseOne General Accounting.
- Retrieving data from JD Edwards EnterpriseOne for the PeopleSoft Enterprise Cash Position Worksheet.

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## Sending Journal Entries from PeopleSoft Enterprise Treasury to JD Edwards EnterpriseOne General Accounting

This section provides an overview of the journal entry process and discusses how to:

- Run the Journal Entries Batch Processor Program (R09110Z).
- Run the General Ledger Post Program (R09801).

### Understanding the Journal Entry Process

The SYNC\_TR\_ACCTG\_TXN application message is initiated each time you run the TR\_JRNL\_INT Application Engine process to transmit journal entries to the JD Edwards EnterpriseOne General Accounting system. This message sends the accounting lines from PeopleSoft Enterprise Treasury to JD Edwards EnterpriseOne General Accounting.

The PeopleSoft Enterprise Treasury transactions that generate accounting entries to the JD Edwards EnterpriseOne General Ledger are:

- Bank fees
- Bank transfers
- Electronic funds transfers (EFT)
- EFT requests
- External transactions
- Letters of credit fees
- Facility fees
- Investment pools

- Interest
- Letters of credit fees
- Securities
- Deals
- Deal fees
- Hedges

The Integration Server receives the SYNC\_TR\_ACCTG\_TXN message and inserts the data in the Journal Entry Batch table (F0911Z1). The Integration Server determines whether the insert was successful and posts the GET\_TR\_ACCTG\_BATCH\_STATUS message to the PeopleSoft Enterprise system to update the accounting integration status of the records to either *Received* or *Error*.

When a JD Edwards EnterpriseOne user runs the Journal Entries Batch Processor program (R09110Z) to validate the data and update the Account Ledger table (F0911), the JD Edwards EnterpriseOne system triggers a real-time event, which is processed by the Integration Server. The Integration Server posts the GET\_TR\_ACCTG\_BATCH\_STATUS message to the PeopleSoft Enterprise system to update the accounting integration status to either *Loaded* or *Error* in the PeopleSoft Enterprise system.

When a JD Edwards EnterpriseOne user runs the G/L Post program (R09801) to post the records in the Account Ledger table to the Account Balances table (F0902), the JD Edwards EnterpriseOne system triggers a real-time event, which is processed by the Integration Server. The real-time event is sent only if the G/L Post program posted the accounting records successfully. The Integration Server posts the GET\_TR\_ACCTG\_HDR\_STATUS message to the PeopleSoft Enterprise system to update the accounting integration status in PeopleSoft Enterprise. At this point, the accounting lines have a status of *Posted* and the Treasury user is not able to edit the accounting entries from this point forward.

## Forms Used to Process Journal Entries in JD Edwards EnterpriseOne General Accounting

Form Name	FormID	Navigation	Usage
Work With Store & Forward Journal Entries	W0911Z1B	Batch Journal Entry Processing (G09311), Journal Entry Revisions	Locate and review records in the Journal Entry Transactions - Batch File table (F0911Z1).
Store & Forward Journal Entry Revisions	W0911Z1A	Locate a record and click Select on the Work With Store & Forward Journal Entries form.	Review and revise detail information for records in the F0911Z1 table.
Work With Journal Entries	W0911I	Journal Entry, Reports, & Inquiries (G0911), Journal Entry	Add, change, delete, or review records in the F0911 table.

## Running the Journal Entries Batch Processor Program (R09110Z)

Select Batch Journal Entry Processing (G09311), Journal Entries Batch Processor.

You should run the Journal Entries Batch Processor program (R09110Z) in proof mode to validate the data that was inserted in the Journal Entry Transactions - Batch File table (F0911Z1). Correct any errors in the F0911Z1 table, and then run the Journal Entries Batch Processor program in final mode.



Use data selection based on a range of batch numbers and the transaction number to process the transactions that originated in the PeopleSoft Enterprise Treasury Management system.

See *JD Edwards EnterpriseOne General Accounting 8.12 Implementation Guide*, “Processing Batch Journal Entries,” Uploading Batch Journal Entry.

## Running the General Ledger Post Program (R09801)

Select Journal Entry, Reports, & Inquiries (G0911), General Ledger Post.

If you did not set the processing options on the Journal Entries Batch Processor program (R09110Z) to post journal entries to the Account Balances table (F0902), run the General Ledger Post program (R09801) to post the journal entries.

See *JD Edwards EnterpriseOne General Accounting 8.12 Implementation Guide*, “Processing Journal Entries,” Posting Journal Entries.

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## Sending Bank Statements from PeopleSoft Enterprise Treasury to JD Edwards EnterpriseOne General Accounting

If the Use Integration Broker option is selected on the Import Bank Statements page in PeopleSoft Enterprise, the system publishes the BANK\_STATEMENT\_LOAD message when a user runs the File Import Application Engine process (IMPORT\_FILES) from the Import Bank Statements page.

The Integration Server receives the BANK\_STATEMENT\_LOAD message and inserts the data in the Electronic Bank Statement Staging Header table (F09610) and the Electronic Bank Statement Staging Detail table (F09611).

A JD Edwards EnterpriseOne user must run the Load Bank Statement program (R09612) to validate the data and update the Auto Bank Statement Header table (F09616) and the Auto Bank Statement Detail table (F09617). You can then reconcile the bank statement in JD Edwards EnterpriseOne General Accounting.

See *JD Edwards EnterpriseOne General Accounting 8.12 Implementation Guide*, “Processing Bank Statements Automatically”.

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## Retrieving Data from JD Edwards EnterpriseOne for the PeopleSoft Enterprise Cash Position Worksheet

When the Cash Manager clicks the Calculate button on the Position Manager page in the PeopleSoft Enterprise Treasury system, the system determines whether the worksheet requires data from the JD Edwards EnterpriseOne system. To set the system to import data from the JD Edwards EnterpriseOne system, click the edit button (pencil) and select the Load External Data field on the Position Manager Options page.

If the worksheet requires data from the JD Edwards EnterpriseOne system, the system retrieves the appropriate data directly from the JD Edwards EnterpriseOne database.

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**Note.** Additional time is required to generate a CPW while importing the data from an external source. To shorten the processing time, we recommend scheduling the Position Manager Data Load Application Engine process (TR\_POS\_WKSLED) to run before the time you normally generate your CPW.

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See PeopleSoft Cash Management 8.9 Implementation Guide, “Defining Cash Positions,” Managing Position Worksheets.

## **PART 4**

# **Integrating PeopleSoft Enterprise HRMS with JD Edwards EnterpriseOne Address Book**

### **Chapter 12**

**Understanding the PeopleSoft Enterprise HRMS to JD Edwards EnterpriseOne Address Book Integration**

### **Chapter 13**

**Setting Up the PeopleSoft Enterprise HRMS to JD Edwards EnterpriseOne Address Book Integration**

### **Chapter 14**

**Setting Up Prerequisite Data for the HRMS to Address Book Integration**

### **Chapter 15**

**Using the PeopleSoft Enterprise HRMS to JD Edwards EnterpriseOne Address Book Integration**



## CHAPTER 12

# Understanding the PeopleSoft Enterprise HRMS to JD Edwards EnterpriseOne Address Book Integration

This chapter discusses:

- Release levels
- Business process
- Integration architecture

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### Release Levels

This document supports the integration between JD Edwards EnterpriseOne 8.12 Address Book and PeopleSoft Enterprise 8.9 HRMS.

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### Business Process

You use the PeopleSoft Enterprise HRMS to JD Edwards EnterpriseOne Address Book integration to synchronize personnel data from PeopleSoft Enterprise HRMS with JD Edwards EnterpriseOne Address Book.

This integration is useful if you are using one or more PeopleSoft Enterprise systems but you conduct other business functions involving employees in the JD Edwards EnterpriseOne system. For example, you might use the PeopleSoft Enterprise payroll system and the JD Edwards EnterpriseOne Expense Management system.

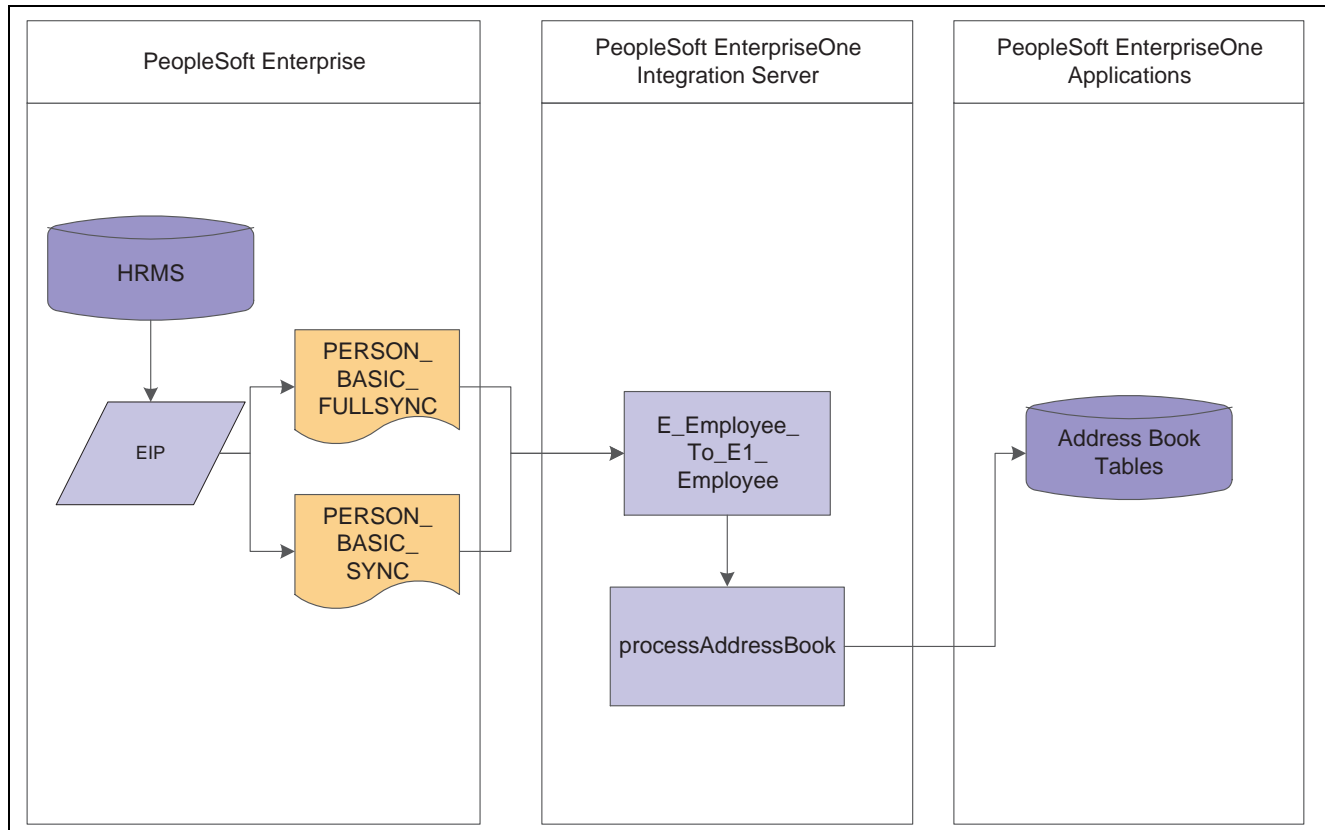
The major tasks involved in the integration of PeopleSoft Enterprise HRMS with JD Edwards EnterpriseOne Address Book are:

- Setting up integration options and code cross-referencing in the JD Edwards EnterpriseOne WSG soft-coding/cross-reference database.
- Setting up the integration in the PeopleSoft Enterprise database.
- Loading a batch of PeopleSoft Enterprise personnel data into the JD Edwards EnterpriseOne system.
- Synchronizing incremental changes in PeopleSoft Enterprise personnel data with the JD Edwards EnterpriseOne system.

## Integration Architecture

You can run this integration as a batch process to perform an initial load of the data. You can also enable this integration to synchronize person information in real time when a new employee is added or information for an existing employee changes.

This diagram illustrates the basic integration tasks:



PeopleSoft Enterprise HRMS to JD Edwards EnterpriseOne Address Book process flow

The PeopleSoft Enterprise HRMS to JD Edwards EnterpriseOne Address Book integration consists of these major steps:

1. The PeopleSoft Enterprise EIP generates either of these messages:
  - a. PERSON\_BASIC\_FULLSYNC - This transaction is used for the initial load of the employee information and contains records for multiple employees.
  - b. PERSON\_BASIC\_SYNC - This transaction is used each time an employee record is added, changed, or deleted in PeopleSoft Enterprise and contains a record for only one employee.
2. The Integration Server delivers the file to the E\_Employee\_To\_E1\_Employee flow, which invokes the processAddressBook interface flow.

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**Note.** This integration uses two different flows named E\_Employee\_To\_E1\_Employee: PSFT\_JD Edwards EnterpriseOne\_HRMS.Employee.InitialBatchLoads.E\_Employee\_To\_E1\_AddressBook and PSFT\_JD Edwards EnterpriseOne\_HRMS.Employee.RealTimeDataSyncs.E\_Employee\_To\_E1\_AddressBook. The flow in the InitialBatchLoads folder processes the PERSON\_BASIC\_FULLSYNC message and the flow in the RealTimeDataSyncs folder processes the PERSON\_BASIC\_SYNC message. Both flows invoke the processAddressBook interface flow.

---

3. The processAddressBook interface flow calls JD Edwards EnterpriseOne business functions to add, change, or delete the employee information in the Address Book Master table (F0101), the Address Book - Contact Phone Numbers table (F0115), and the Electronic Address table (F01151).





## CHAPTER 13

# Setting Up the PeopleSoft Enterprise HRMS to JD Edwards EnterpriseOne Address Book Integration

This chapter discusses how to:

- Set up the HRMS to Address Book Integration in the PeopleSoft Enterprise database.
- Set up message transformations in the PeopleSoft Enterprise database.
- Set up the HRMS to Address Book Integration in the Integration Server.

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## Setting Up the HRMS to Address Book Integration in the PeopleSoft Enterprise Database

This section lists prerequisites and discusses how to:

- Verify message channel setup for the HRMS to Address Book integration.
- Activate message subscriptions for the HRMS to Address Book integration.
- Set up integration transactions for the HRMS to Address Book integration.
- Activate the FULLSYNC message for the HRMS to Address Book integration.

### Prerequisites

Before you complete the tasks discussed here to set up the integration environment in the PeopleSoft Enterprise HRMS database:

- Set up the local gateway in the PeopleSoft Enterprise HRMS database.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Local Gateway, page 17.](#)

- Activate the PSFT\_E1 message node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Nodes, page 18.](#)

- Identify the properties and provide a designated URL for the PSFT\_E1 node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Node Definitions, page 18.](#)

## Pages Used to Set Up the HRMS to Address Book Integration in the PeopleSoft Enterprise Database

Access these pages in the PeopleSoft Enterprise HRMS database.

Page Name	Object Name	Navigation	Usage
Full Table Publish Rules	EO_MSGPUBFULL	PeopleSoft Enterprise Components, Integration Definitions, Full Data Publish Rules, Full Table Publish Rules	Activate message names.
Channel Status	AMM_CHNL_STATUS	PeopleTools, Integration Broker, Monitor Integrations, Monitor Message  Click the Channel Status tab.	Verify the status of message channels.

## Verifying Message Channel Setup for the HRMS to Address Book Integration

Access the Channel Status page.

Verify that the status for the PERSON\_DATA message channel is *Running*.

### See Also

Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Channels, page 17

## Activating Message Subscriptions for the HRMS to Address Book Integration

Verify that these message subscriptions are active:

- PERSON\_BASIC\_SYNC
- PERSON\_BASIC\_FULLSYNC

See Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Subscriptions, page 19.

## Setting Up Integration Transactions for the HRMS to Address Book Integration

After you activate the PSFT\_E1 node, activate these transactions:

Transaction Type	Request Message	Request Message Version
OutAsync	PESON_BASIC_SYNC	VERSION_2
OutAsync	PESON_BASIC_SYNC	INTERNAL

Transaction Type	Request Message	Request Message Version
OutAsync	PESON_BASIC_FULLSYNC	VERSION_2
OutAsync	PESON_BASIC_FULLSYNC	VERSION_3

See Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Integration Transactions, page 19.

## Activating the FULLSYNC Message for the HRMS to Address Book Integration

Access the Full Table Publish Rules page.

Full Table Publish Rules page

The FULLSYNC process is an integration utility that performs an initial complete load of data. Before you run the FULLSYNC process, you need to activate the message name.

To activate the message name:

1. Fill in the appropriate information under the Publish Rule Definition group box and select *Active* as the status.
2. Clear any message options.

## Setting Up Message Transformations in the PeopleSoft Enterprise Database

This section provides an overview of required message transformations and discusses how to:

- Define a relationship to convert the PERSON\_BASIC\_FULLSYNC message version.
- Define a relationship to convert the PERSON\_BASIC\_SYNC message version.
- Define a relationship to remove the IsChanged attribute.

### Understanding the Required Message Transformations

The PeopleSoft Enterprise HRMS system publishes the VERSION\_3 version of the PERSON\_BASIC\_FULLSYNC message when you execute the FULLSYNC integration. However, the E\_Employee\_To\_E1\_Employee flow requires the VERSION\_2 version of the PERSON\_BASIC\_FULLSYNC message. You must set up a transformation to transform the INTERNAL version of the PERSON\_BASIC\_SYNC message to the VERSION\_2 version of the PERSON\_BASIC\_SYNC message.

The PeopleSoft Enterprise HRMS system publishes the INTERNAL version of the PERSON\_BASIC\_SYNC message when you execute the SYNC integration. However, the E\_Employee\_To\_E1\_Employee flow requires the VERSION\_2 version of the PERSON\_BASIC\_SYNC message. You must set up a transformation to transform the INTERNAL version of the PERSON\_BASIC\_SYNC message to the VERSION\_2 version of the PERSON\_BASIC\_SYNC message.

In addition, you must set up a transformation to remove the IsChanged attribute from the VERSION\_2 versions of both the PERSON\_BASIC\_FULLSYNC and PERSON\_BASIC\_SYNC messages.

You must access three different forms to set up each relationship. The procedures in this section contain the data you must enter on each of the three forms for each relationship.

### Pages Used to Define Relationships

Access these pages in the PeopleSoft Enterprise HRMS database:

Page Name	Object Name	Navigation	Usage
Relationships	IB_RELATIONSHIP	PeopleTools, Integration Broker, Integration Setup, Relationships	Define a relationship to remove the IsChanged attribute from the outgoing PERSON_BASIC_FULLSYNC and PERSON_BASIC_SYNC messages.

Page Name	Object Name	Navigation	Usage
Relationship Transactions	IB_RELATIONSHIP	Select the Transaction Modifiers tab on the Relationships page, and then click Add Transaction Modifier.	Add a transaction modifier that will be used to remove the IsChanged attribute from the outgoing PERSON_BASIC_FULLSYNC or PERSON_BASIC_SYNC message.  <b>Note.</b> You must set up two transaction modifiers: one for the PERSON_BASIC_FULLSYNC message and one for the PERSON_BASIC_SYNC message.
Transaction Modifiers	IB_RELATIONSHIP	Click Add on the Relationship Transactions page.	Specify a transformation request that performs the XSL transformation to remove the IsChanged attribute from the outgoing PERSON_BASIC_FULLSYNC or PERSON_BASIC_SYNC message.  <b>Note.</b> You must set up the transformation request on both the transaction modifier for the PERSON_BASIC_FULLSYNC message and the transaction modifier for the PERSON_BASIC_SYNC message.

## Defining a Relationship to Convert the PERSON\_BASIC\_FULLSYNC Message Version

Access the Relationships page.

1. Enter a name to identify the relationship that will convert the PERSON\_BASIC\_FULLSYNC message version in the Relationship ID field.
2. Enter a description of the relationship in the Description field.
3. Select *Active* in the Relationship Status field.
4. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_EI*) in both the first and second Node Name fields.
5. Click Save.
6. Select the Transaction Modifiers tab on the Relationships page, and then click Add Transaction Modifier to access the Relationship Transactions page.
7. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_EI*) in the Initial Node field.
8. Specify *PERSON\_BASIC\_FULLSYNC* in the Request Message Name field below the Initial Node field.
9. Specify *VERSION\_3* in the Source Request Message Version field.
10. Specify *OA* (OutAsync) in the Transaction Type field.
11. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_EI*) in the Result Node field.
12. Specify *PERSON\_BASIC\_FULLSYNC* in the Request Message Name field below the Result Node field.

13. Specify *VERSION\_2* in the Target Request Message Version field.
14. Click Add.
15. On the Transaction Modifiers page, specify *OA* in the Transaction Type field.
16. Specify *PDATA\_FULLLV2* in the Request field and then click Save.

## Defining a Relationship to Convert the PERSON\_BASIC\_SYNC Message Version

Access the Relationships page.

1. Enter a name to identify the relationship that will convert the PERSON\_BASIC\_SYNC message version in the Relationship ID field.
2. Enter a description of the relationship in the Description field.
3. Select *Active* in the Relationship Status field.
4. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_EI*) in both the first and second Node Name fields.
5. Click Save.
6. Select the Transaction Modifiers tab on the Relationships page, and then click Add Transaction Modifier to access the Relationship Transactions page.
7. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_EI*) in the Initial Node field.
8. Specify *PERSON\_BASIC\_SYNC* in the Request Message Name field below the Initial Node field.
9. Specify *INTERNAL* in the Source Request Message Version field.
10. Specify *OA* (OutAsync) in the Transaction Type field.
11. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_EI*) in the Result Node field.
12. Specify *PERSON\_BASIC\_SYNC* in the Request Message Name field below the Result Node field.
13. Specify *VERSION\_2* in the Target Request Message Version field.
14. Click Add.
15. On the Transaction Modifiers page, specify *OA* in the Transaction Type field.
16. Specify *PDATA\_SYNCV2* in the Request field and then click Save.

## Defining a Relationship to Remove the IsChanged Attribute

Access the Relationships page.

1. Enter a name to identify the relationship that will remove the IsChanged attribute from the outgoing PERSON\_BASIC\_SYNC and PERSON\_BASIC\_FULLSYNC messages in the Relationship ID field.
2. Enter a description of the relationship in the Description field.
3. Select *Active* in the Relationship Status field.
4. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_EI*) in both the first and second Node Name fields.
5. Click Save.

6. Select the Transaction Modifiers tab on the Relationships page, and then click Add Transaction Modifier to access the Relationship Transactions page.
7. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_E1*) in the Initial Node field.
8. Specify *PERSON\_BASIC\_FULLSYNC* in the Request Message Name field below the Initial Node field.
9. Specify *VERSION\_2* in the Source Request Message Version field.
10. Specify *OA* (OutAsync) in the Transaction Type field.
11. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_E1*) in the Result Node field.
12. Specify *PERSON\_BASIC\_FULLSYNC* in the Request Message Name field below the Result Node field.
13. Specify *VERSION\_2* in the Target Request Message Version field.
14. Click Add.
15. On the Transaction Modifiers page, specify *OA* in the Transaction Type field.
16. Specify *HI\_CHG\_ATTR* in the Request field and then click Save.
17. Click the Return to Transaction List link.
18. Click the Add Transaction Modifier button.
19. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_E1*) in the Initial Node field.
20. Specify *PERSON\_BASIC\_SYNC* in the Request Message Name field below the Initial Node field.
21. Specify *VERSION\_2* in the Source Request Message Version field.
22. Specify *OA* (OutAsync) in the Transaction Type field.
23. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_E1*) in the Result Node field.
24. Specify *PERSON\_BASIC\_SYNC* in the Request Message Name field below the Result Node field.
25. Specify *VERSION\_2* in the Target Request Message Version field.
26. Click Add.
27. On the Transaction Modifiers page, specify *OA* in the Transaction Type field.
28. Specify *HI\_CHG\_ATTR* in the Request field and then click Save.

---

## Setting Up the HRMS to Address Book Integration in the Integration Server

This section discusses how to set up integration options for the HRMS to Address Book integration.

### Setting Up Integration Options for the HRMS to Address Book Integration

The *E\_Employee\_To\_E1\_Employee* flows use these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ HCM, Employee	Expected Name Type	The default name type is <i>PRI</i> (primary). You can change this value to integrate another name type to the JD Edwards EnterpriseOne system if necessary.
PSFT_JD Edwards EnterpriseOne_ HCM, Employee	Expected Address Type	The default address type is <i>HOME</i> . You can change this value to integrate another address type to the JD Edwards EnterpriseOne system if necessary. For example, you might change the value to <i>MAIN</i> .
PSFT_JD Edwards EnterpriseOne_ HCM, Employee	Expected Address Status	The default address status is <i>A</i> (active). You can change this value to integrate another address status to the JD Edwards EnterpriseOne system if necessary.
PSFT_JD Edwards EnterpriseOne_ HCM, Employee	Publish Response	The default value for Publish Response is <i>0</i> (Do Not Publish Response). You can change this value to <i>1</i> (Publish Response) if necessary, which causes any errors reported from JD Edwards EnterpriseOne to be logged.

## See Also

Chapter 4, “Setting Up Integrations in the Integration Server,” Setting Up Integration Options and Cross References, page 24



## CHAPTER 14

# Setting Up Prerequisite Data for the HRMS to Address Book Integration

This chapter discusses how to:

- Set up manual data for the HRMS to Address Book integration.
- Set up cross-references for the HRMS to Address Book integration.

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## Setting Up Manual Data for the HRMS to Address Book Integration

You must load the values for the following PeopleSoft Enterprise codes into the JD Edwards EnterpriseOne system before you run the integration.

Using the JD Edwards EnterpriseOne system, set up this code data with values from the PeopleSoft Enterprise system:

<b>PeopleSoft Enterprise Field</b>	<b>JD Edwards EnterpriseOne Field</b>	<b>PeopleSoft Enterprise Navigation</b>	<b>JD Edwards EnterpriseOne Navigation</b>	<b>Comments</b>
State (STATE)	State (ADDS)	Set Up HRMS, Install, Product and Country Specific, State/Province	UDC 00/S	These values are user-defined.
Country (COUNTRY)	Country (CTR)	Set Up HRMS, Install, Product and Country Specific, Country Table	UDC 00/CN	These values are user-defined.

PeopleSoft Enterprise Field	JD Edwards EnterpriseOne Field	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Navigation	Comments
Phone Type (PHONE_TYPE)	Phone Type (PHTP)	n/a	UDC 01/PH	These values are required: <ul style="list-style-type: none"> <li>• <i>BUSN</i></li> <li>• <i>CAMP</i></li> <li>• <i>CELL</i></li> <li>• <i>DORM</i></li> <li>• <i>FAX</i></li> <li>• <i>HOME</i></li> <li>• <i>MAIN</i></li> <li>• <i>OTR</i></li> <li>• <i>PGR1</i></li> <li>• <i>PGR2</i></li> <li>• <i>TELX</i></li> </ul>
Email Type (E_ADDR_TYPE)	Electronic Address Type (ETP)	n/a	UDC 01/ET	These values are required: <ul style="list-style-type: none"> <li>• <i>BUSN</i></li> <li>• <i>CAMP</i></li> <li>• <i>DORM</i></li> <li>• <i>HOME</i></li> <li>• <i>OTHR</i></li> </ul>

---

## Set Up Cross-References for the HRMS to Address Book Integration

This section provides an overview of key cross-references for the HRMS to Address Book integration and discusses how to set up code cross-references for the HRMS to Address Book integration.

### Understanding Key Cross-References for the HRMS to Address Book Integration

The integration requires that key cross-references be set up in the JD Edwards EnterpriseOne WSG Cross-Reference database. The system creates these key cross-references during integration processing; no initial setup is required.

Application ID	Object ID	Comments
E-HRMS	entity	<p>The system creates this key cross-reference between the Employee ID (EMPLID) from the PeopleSoft Enterprise system and the Address Book Number (AN8) from the JD Edwards EnterpriseOne system.</p> <p>The canonical key is formatted: address book number</p>
E-HRMS	phonenummer	<p>The system creates this key cross-reference between the Employee ID (EMPLID) and Phone Type (PHONE_TYPE) in the PeopleSoft Enterprise system and the Address Book Number (AN8), Who's Who Line Number (IDLN), and Phone Line Number (RCK7) in JD Edwards EnterpriseOne.</p> <p>The canonical key is formatted: address book number who's who line number   phone line number</p>
E-HRMS	electronicaddress	<p>The system creates this key cross-reference between the Employee ID (EMPLID) and Email Type (E_ADDR_TYPE) in the PeopleSoft Enterprise system and the Address Book Number (AN8), Who's Who Line Number (IDLN) and Electronic Address Line Number (RCK7) in the JD Edwards EnterpriseOne system.</p> <p>The canonical key is formatted: address book number who's who line number   electronic address line number</p>

**Note.** The PeopleSoft Enterprise field values in the preceding table are not the same as the JD Edwards EnterpriseOne field values. For example, the employee ID numbers in the PeopleSoft Enterprise system are not the same as the address book numbers for the same employees in the JD Edwards EnterpriseOne system. The key cross-reference contains a record of the correspondence between the PeopleSoft Enterprise and JD Edwards EnterpriseOne values. The system adds a new key cross-reference each time a new employee record is added.

## Setting Up Code Cross-References for the HRMS to Address Book Integration

You must set up code cross-references for personnel status and personnel type to enable the system to reconcile the values used in the PeopleSoft Enterprise and JD Edwards EnterpriseOne systems.

You set up these code cross-references in the JD Edwards EnterpriseOne WSG Cross-Reference database:

Application ID	Object ID	Native Code	Canonical Code
E-HRMS	entitytype	E	E
E-HRMS	entitytype	NC	User-defined in UDC 01/ST in the JD Edwards EnterpriseOne system.
E-HRMS	entitytype	ND	User-defined in UDC 01/ST in the JD Edwards EnterpriseOne system.
E-HRMS	entitytype	NE	User-defined in UDC 01/ST in the JD Edwards EnterpriseOne system.
E-HRMS	entitytype	NH	User-defined in UDC 01/ST in the JD Edwards EnterpriseOne system.
E-HRMS	entitytype	NI	User defined in UDC 01/ST in the JD Edwards EnterpriseOne system.
E-HRMS	entitytype	NL	User-defined in UDC 01/ST in the JD Edwards EnterpriseOne system.
E-HRMS	entitytype	NM	User-defined in UDC 01/ST in the JD Edwards EnterpriseOne system.
E-HRMS	entitytype	NN	User-defined in UDC 01/ST in the JD Edwards EnterpriseOne system.
E-HRMS	entitytype	NO	User-defined in UDC 01/ST in the JD Edwards EnterpriseOne system.
E-HRMS	entitytype	NP	User-defined in UDC 01/ST in the JD Edwards EnterpriseOne system.
E-HRMS	entitytype	NS	User-defined in UDC 01/ST in the JD Edwards EnterpriseOne system.
E-HRMS	entitytype	NT	User-defined in UDC 01/ST in the JD Edwards EnterpriseOne system.
E-HRMS	entitytype	NU	User-defined in UDC 01/ST in the JD Edwards EnterpriseOne system.

The native code is based on personnel status and personnel type. Personnel status has two possible values: *E* (Employee) and *N* (Non-Employee). If the personnel status is *E*, the personnel type is not populated. If the personnel status is *N*, the personnel type is populated to identify the type of non-employee. The concatenation of the personnel status and personnel type codes must be cross-referenced to JD Edwards EnterpriseOne search types.

This example illustrates the code cross-reference between the personnel status *E* and the address book search type *E* and between the concatenation of personnel status *N* and personnel type *M* and the address book search type *S*:

Application ID	Object ID	Native Code	Canonical Code
E-HRMS	entitytype	<i>E</i>	<i>E</i>
E-HRMS	entitytype	<i>NM</i>	<i>S</i>



## CHAPTER 15

# Using the PeopleSoft Enterprise HRMS to JD Edwards EnterpriseOne Address Book Integration

This chapter discusses how to:

- Execute the FULLSYNC integration.
- Execute the SYNC integration.

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### Executing the FULLSYNC Integration

To run the process:

1. Select PeopleSoft Enterprise Components, Integration Definitions, Initiate Processes, Full Data Publish, Full Data Publish.
2. Enter this information on the Full Data Publish page:
  - Request ID: <enter any unique value>
  - Process Frequency: *Once*
  - Message Name: *PERSON\_BASIC\_FULLSYNC*
3. Run the "Table Replication Publish" Application Engine (EOP\_PUBLISHT) process.

---

### Executing the SYNC Integration

The SYNC process automatically synchronizes employee information whenever you hire a new employee or update an existing employee's information, provided that these criteria are met:

- The message name is active.
- The PERSON\_DATA channel is active.
- The SYNC transaction has been identified for the node definition.
- The SYNC transaction is defined.





## **PART 5**

# **Integrating PeopleSoft Enterprise Payroll Applications with JD Edwards EnterpriseOne General Ledger**

### **Chapter 16**

**Understanding the PeopleSoft Enterprise Payroll Applications to JD Edwards EnterpriseOne General Ledger Integration**

### **Chapter 17**

**Setting Up the PeopleSoft Enterprise Payroll Applications with JD Edwards EnterpriseOne General Ledger Integration**

### **Chapter 18**

**Setting Up Prerequisite Data for the Payroll to General Ledger Integration**

### **Chapter 19**

**Configuring and Mapping Data in PeopleSoft Enterprise Tables**

### **Chapter 20**

**Using the PeopleSoft Enterprise Payroll to JD Edwards EnterpriseOne General Ledger Integration**

### **Chapter 21**

**Handling Data Errors in Batch Posting**



## CHAPTER 16

# Understanding the PeopleSoft Enterprise Payroll Applications to JD Edwards EnterpriseOne General Ledger Integration

This chapter provides overviews of the:

- Release levels
- Business process
- Integration architecture
- Integration points

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## Release Levels

This document supports the integration between JD Edwards EnterpriseOne 8.12 and PeopleSoft Enterprise 8.9 Payroll for North America or PeopleSoft Enterprise 8.9 Global Payroll.

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## Business Process

The purpose of this integration is to translate the accounting entries generated by PeopleSoft Enterprise Global Payroll and PeopleSoft Enterprise Payroll for North America into journal entries that can be accepted and processed in JD Edwards EnterpriseOne General Ledger.

The major tasks involved in the integration of PeopleSoft Enterprise payroll applications with JD Edwards EnterpriseOne General Ledger are:

1. Setup of integration options and code cross-referencing in the JD Edwards EnterpriseOne WSG soft-coding/ cross-reference database.
2. Initial loading, configuring, and mapping of master data:
  - a. Load JD Edwards EnterpriseOne master data into PeopleSoft Enterprise tables.
  - b. Configure general ledger business units in the PeopleSoft Enterprise system and map them to human resources (HR) business units.
  - c. Map JD Edwards EnterpriseOne master data to PeopleSoft Enterprise payroll data.
3. Incremental synchronization of changes in JD Edwards EnterpriseOne master data.
  - a. Add, change, or delete actions performed on the master JD Edwards EnterpriseOne tables automatically trigger incremental synchronization integrations.

- b. When the JD Edwards EnterpriseOne system updates data in PeopleSoft Enterprise tables by the incremental integration, PeopleSoft Enterprise payroll users must update data configuration and mapping as needed.
4. Routine transactions such as monthly posting of payroll data to general ledger:
  - a. Synchronize currency exchange rates if needed.
  - b. PeopleSoft Enterprise payroll applications process and post accounting lines to the JD Edwards EnterpriseOne staging table.
  - c. In the JD Edwards EnterpriseOne system, validate transactions and load them into the Account Ledger table (F0911).
  - d. If necessary, data errors are corrected in the JD Edwards EnterpriseOne table or the payroll applications reset GL processing, correct errors, reprocess, and repost.
  - e. In the JD Edwards EnterpriseOne system, post journal entries to the Account Balances table (F0902).

---

## Integration Architecture

This section discusses the integration architecture for the:

- Import of currency exchange rates.
- Processing of payroll data.

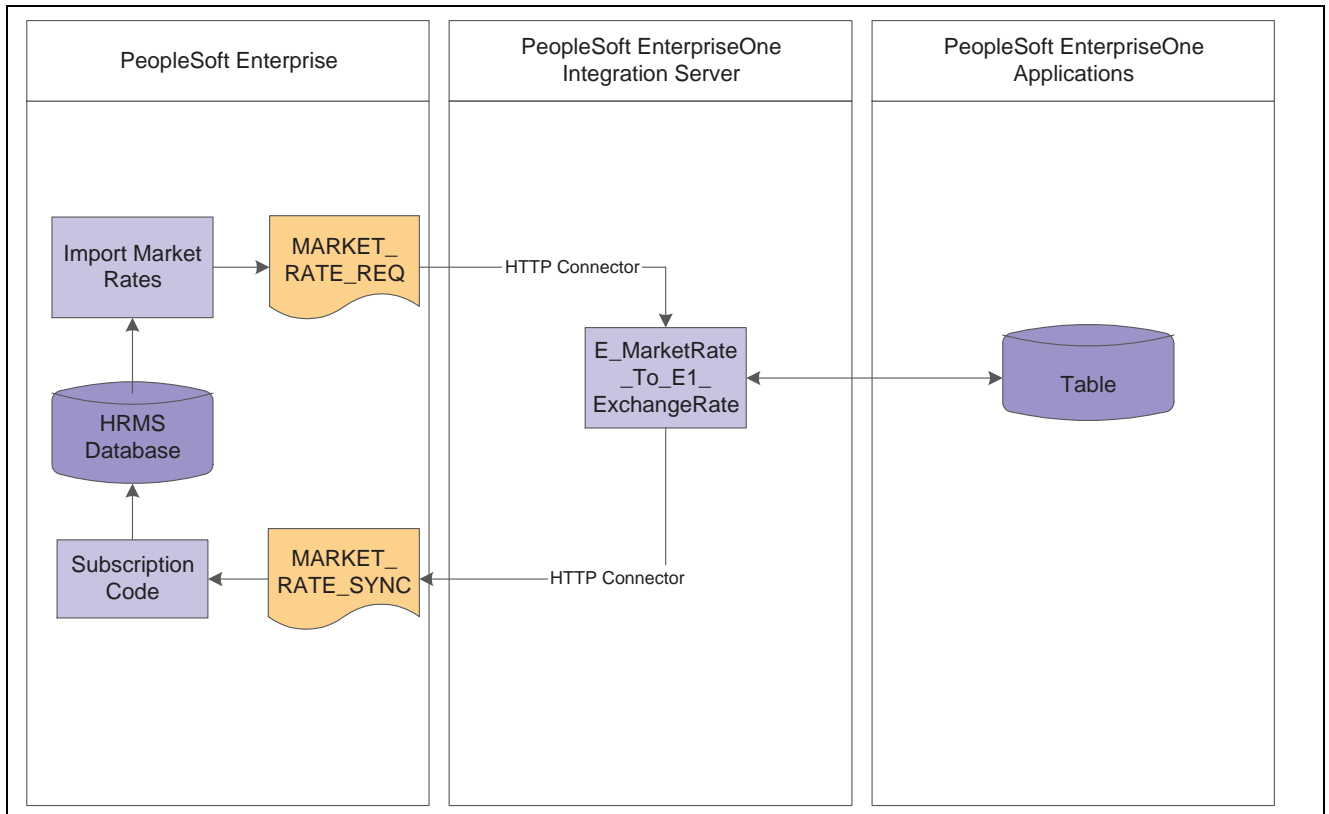
### See Also

Chapter 2, “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications,” Batch Loads, page 10

Chapter 2, “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications,” Incremental Synchronizations, page 11

## Integration Architecture for the Import of Currency Exchange Rates Process

This diagram illustrates the PeopleSoft Enterprise import of currency exchange rates from the JD Edwards EnterpriseOne system process:



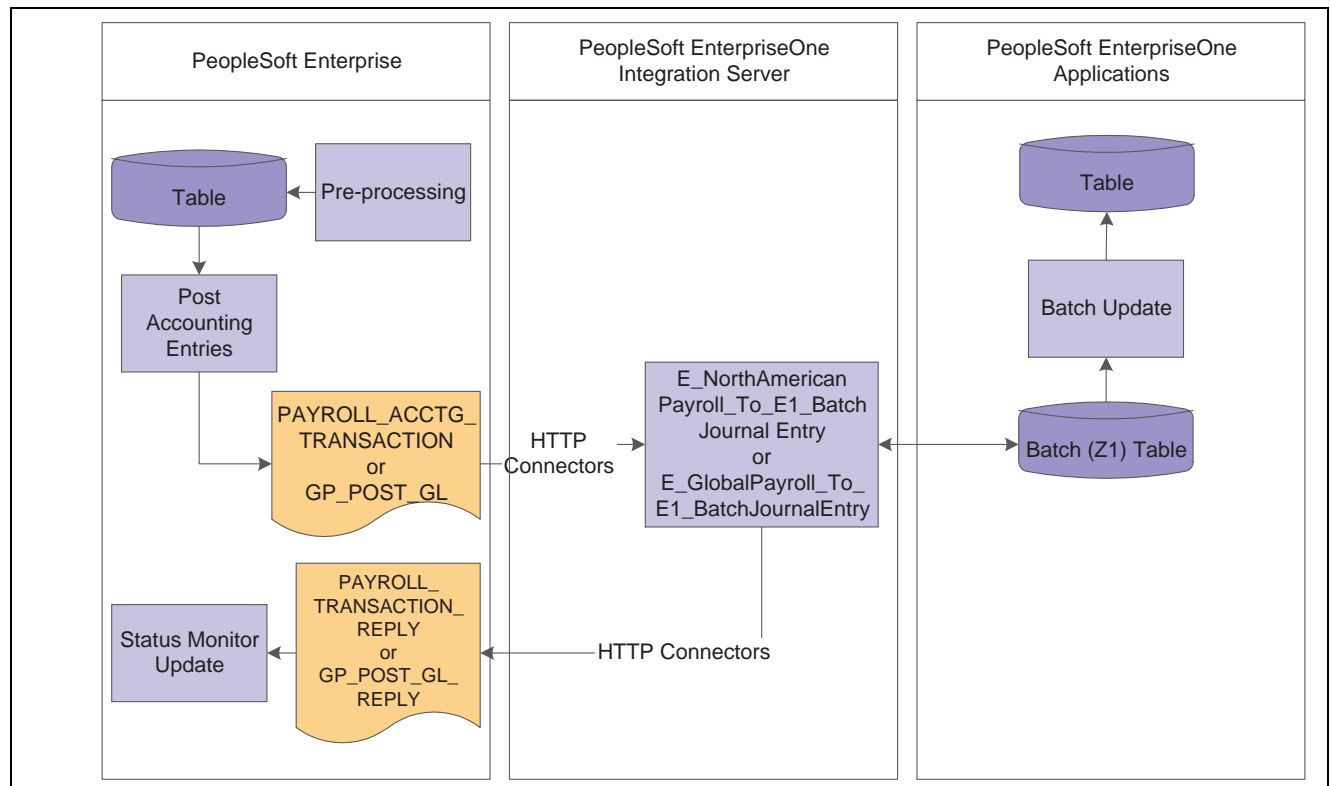
Import of exchange rates diagram

The import of currency exchange rates is initiated manually in Enterprise and consists of these major steps:

1. A PeopleSoft Enterprise user requests an import of currency exchange rates from the JD Edwards EnterpriseOne system, which publishes the MARKET\_RATE\_REQ request XML message.
2. The E\_MarketRate\_To\_E1\_Exchange Rate integration flow receives the request XML message, retrieves the requested exchange rates from the JD Edwards EnterpriseOne system, and maps the data to the MARKET\_RATE\_SYNC XML response message.
3. The Integration Server Dispatcher picks up the XML response message and sends it to the PeopleSoft Enterprise system using HTTP.

## Integration Architecture for the Processing of Payroll Data

This diagram illustrates the processing of PeopleSoft Enterprise payroll data in the JD Edwards EnterpriseOne system:



Payroll transactions diagram

The routine transfer of PeopleSoft Enterprise payroll accounting entries to JD Edwards EnterpriseOne General Ledger consists of these major steps:

1. The PeopleSoft Enterprise Global Payroll or Payroll for North America user processes payroll to create staging data.
2. The PeopleSoft Enterprise payroll user transfers payroll journal entries to the JD Edwards EnterpriseOne system, by either the **PAYROLL\_ACCTG\_TRANSACTION** (Payroll for North America) or **GP\_POST\_GL** (Global Payroll) XML message.
3. The **E\_NorthAmericanPayroll\_To\_E1\_BatchJournalEntry** or **E\_GlobalPayroll\_To\_E1\_BatchJournalEntry** integration flow transforms the XML message data and inserts it into a JD Edwards EnterpriseOne batch (Z1) table.
4. The Integration Server returns the **PAYROLL\_TRANSACTION\_REPLY** or **GP\_POST\_GL\_REPLY** status message to the PeopleSoft Enterprise system, indicating whether the table insert was successful.
5. The JD Edwards EnterpriseOne user runs a batch program to post records from the Z1 table to the Account Ledger table (F0911).
6. The JD Edwards EnterpriseOne user posts journal entries from the F0911 table to the Account Balances table (F0902).

**Note.** The PeopleSoft Enterprise Global Payroll and Payroll for North America systems must be separately set up, processed, and posted as described in this document.

## Integration Points

This table lists the integration points used in this integration and provides a brief description of each:

PeopleSoft Enterprise Message Name	Integration Serviced Flow	JD Edwards EnterpriseOne Object/Event	Description
BUS_UNIT_GL_FULLSYNC	Payroll.InitialBatchLoads. E1_Company_To_E_BusinessUnit: convert_E1_Company_To_E_BusinessUnit	Company Manage Notify Initial Load (R0010IL)	<p>The JD Edwards EnterpriseOne system sends an initial load of companies to the PeopleSoft Enterprise Business Units GL table (BUS_UNIT_TBL_GL).</p> <p>Subscription to this message additionally:</p> <ul style="list-style-type: none"> <li>• Spawns the BUS_UNIT_FS_SYNC message.</li> <li>• Loads the company code, effective date, effective status, and description into the Controlling Area table (HPYP_CNTRL_AREA).</li> </ul>
BUS_UNIT_GL_SYNC	Payroll.RealTimeDataSyncs. E1_Company_To_E_BusinessUnit: convert_E1_Company_To_E_BusinessUnit	RTCOOUT realtime event	<p>The JD Edwards EnterpriseOne system sends incremental updates of companies to the PeopleSoft Enterprise Business Units GL table.</p> <p>This integration point performs the same additional functions as the corresponding initial load.</p>
BUS_UNIT_FS_SYNC	N/A	N/A	<p>The PeopleSoft Enterprise system spawns this internal EIP from the subscription to BUS_UNIT_GL_FULLSYNC and BUS_UNIT_GL_SYNC.</p> <p>This EIP imports or updates the company description into the PS/Financials Business Units table (BUS_UNIT_TBL_FS).</p>

PeopleSoft Enterprise Message Name	Integration Serviced Flow	JD Edwards EnterpriseOne Object/Event	Description
COST_CENTER_FULLSYNC	Payroll.InitialBatchLoads. E1_BusinessUnit_To_E_CostCenter: convert_E1_BusinessUnit_To_E_CostCenter	Business Unit Batch Load (R8900F0006)	The JD Edwards EnterpriseOne system sends an initial load of business units to the PeopleSoft Enterprise Cost Center table (HPYP_CC_TBL).
COST_CENTER_SYNC	Payroll.RealTimeDataSyncs. E1_BusinessUnit_To_E_CostCenter: convert_E1_BusinessUnit_To_E_CostCenter	RTBUOUT realtime event	The JD Edwards EnterpriseOne system sends incremental updates of business units to the PeopleSoft Enterprise Cost Center table.
ACCOUNT_CHARTFIELD_FULLSYNC	Payroll.InitialBatchLoads. E1_GLAccount_To_E_Account: convert_E1_GLAccount_To_E_Account	Account Master Batch Load (R8909F0901)	The JD Edwards EnterpriseOne system sends an initial load from the Account Master table (F0901) to the PeopleSoft Enterprise GL Accounts table (GL_ACCOUNTS_TBL).
ACCOUNT_CHARTFIELD_SYNC	Payroll.RealTimeDataSyncs. E1_GLAccount_To_E_Account: convert_E1_GLAccount_To_E_Account	RTAMOUT realtime event	The JD Edwards EnterpriseOne system sends incremental update of accounts to the PeopleSoft Enterprise GL Accounts table.
MARKET_RATE_REQ	Payroll. E_MarketRate_To_E1_ExchangeRate: query_E_MarketRate_To_E1_ExchangeRate_And_Response	Currency Exchange Rates (F0015)	The PeopleSoft Enterprise system queries JD Edwards EnterpriseOne for currency exchange rate multiplier or divisor.
MARKET_RATE_SYNC	Payroll. E_MarketRate_To_E1_ExchangeRate: query_E_MarketRate_To_E1_ExchangeRate_And_Response	Currency Exchange Rates (F0015)	The JD Edwards EnterpriseOne system replies and the PeopleSoft Enterprise system updates the Market Rate Data table (RT_RATE_TBL).
PAYROLL_ACCTG_TRANSACTION	Payroll. E_NorthAmericanPayroll_To_E1_BatchJournal Entry: insert_E_NorthAmericanPayroll_To_E1_BatchJournalEntry_And_Response	Journal Entry Transactions - Batch File (F0911Z1)	PeopleSoft Enterprise Payroll for North America publishes accounting data to the JD Edwards EnterpriseOne system.



<b>PeopleSoft Enterprise Message Name</b>	<b>Integration Serviced Flow</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
PAYROLL_TRANSACTION_REPLY	Payroll. E_NorthAmericanPayroll_To_E1_ BatchJournalEntry: insert_E_NorthAmericanPayroll_ To_E1_BatchJournalEntry_And_ Response	N/A	The JD Edwards EnterpriseOne system notifies PeopleSoft Enterprise Payroll for North America of success or error in loading the F0911Z1 table.
GP_POST_GL	Payroll. E_GlobalPayroll_To_E1_ BatchJournalEntry: insert_E_GlobalPayroll_To_E1_ BatchJournalEntry_And_Response	Journal Entry Transactions - Batch File (F0911Z1)	PeopleSoft Enterprise Global Payroll publishes accounting data to the JD Edwards EnterpriseOne system.
GP_POST_GL_REPLY	Payroll. E_GlobalPayroll_To_E1_ BatchJournalEntry: insert_E_GlobalPayroll_To_E1_ BatchJournalEntry_And_Response	N/A	The JD Edwards EnterpriseOne system notifies PeopleSoft Enterprise Global Payroll of success or error in loading the F0911Z1 table.



## CHAPTER 17

# Setting Up the PeopleSoft Enterprise Payroll Applications with JD Edwards EnterpriseOne General Ledger Integration

This chapter discusses how to:

- Set up the Payroll to General Ledger integration in the PeopleSoft Enterprise database.
- Set up the Payroll to General Ledger integration in the Integration Server.

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## Setting Up the Payroll to General Ledger Integration in the PeopleSoft Enterprise Database

The setup of the PeopleSoft Enterprise system for this integration is documented in the PeopleSoft Enterprise Global Payroll 8.9 Implementation Guide.

See PeopleSoft Enterprise Global Payroll 8.9 Implementation Guide, “Integrating with JD Edwards EnterpriseOne General Ledger,” Setting Up the Integration in the PeopleSoft Enterprise Database.

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## Setting Up the Payroll to General Ledger Integration in the Integration Server

This section lists a prerequisite and discusses how to:

- Enable JD Edwards EnterpriseOne Adapter listener notifications for the Payroll to General Ledger integration.
- Set up integration options for the Payroll to General Ledger integration.

### Prerequisite

Enable the JD Edwards EnterpriseOne Adapter and the JD Edwards EnterpriseOne Adapter Listener.

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter, page 23.](#)

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter Listener, page 23.](#)

## Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the Payroll to General Ledger Integration

You must enable these listener notification services within the PSFT\_JD Edwards EnterpriseOne\_AdapterServices package:

- AdapterServices.Notification.Financials:notifyCompanyEvent
- AdapterServices.Notification.Financials:notifyBusinessUnitEvent
- AdapterServices.Notification.Financials:notifyGLAccountEvent

See Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling JD Edwards EnterpriseOne Adapter Listener Notifications, page 23.

## Setting Up Integration Options for the Payroll to General Ledger Integration

This section lists integration options used by all HCM integration flows as well as the integration options for these integration flows:

- Company to Business Unit
- Business Unit to Cost Center
- Accounts
- Market Rate to Exchange Rate
- North American Payroll Batch Journal Entry
- Global Payroll Batch Journal Entry

### Integration Options Used by All Flows

All integration flows used in the Payroll to General Ledger integration require these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_HCM	From Node	<p>Specify the JD Edwards EnterpriseOne node. This value must be the same value that is set up for this node in PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_HR</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_HCM	To Node	<p>Specify the PeopleSoft Enterprise node. This value must be the same value that is set up for this node in PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_E1</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>
PSFT_JD Edwards EnterpriseOne_HCM	Gateway URL	<p>This value is an example:  <a href="http://denxpi27:89/PSIGW/PeopleSoftListeningConnector">http://denxpi27:89/PSIGW/PeopleSoftListeningConnector</a></p>

### Company to Business Unit

The E1\_Company\_To\_E\_BusinessUnit initial batch load and real time data sync flows require these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_HCM, Payroll, InitialBatchLoads, E1_Company_To_E_BusinessUnit	Directory From Location - E1	<p>Enter the location of the flat file that is generated by the JD Edwards EnterpriseOne system. Specify the directory that contains the f0010xpi.txt file that is generated by the Account Master Batch Load (R8909F0901).</p> <p>This value is an example:            \\machinename\pyexport.</p>
PSFT_JD Edwards EnterpriseOne_HCM, Payroll, InitialBatchLoads, E1_Company_To_E_BusinessUnit	Transaction Transport	<p>Specify the protocol of transport that is used to get the message to PeopleSoft Enterprise Integration Broker (for example, <i>http</i> or <i>jms</i>).</p> <p>The default value is <i>http</i>.</p>
PSFT_JD Edwards EnterpriseOne_HCM, Payroll, InitialBatchLoads, E1_Company_To_E_BusinessUnit	Transaction Transport Address	<p>Enter the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an HTTP transport).</p> <p>This value is an example:  <a href="http://machinename:port/PSIGW/HttpListeningConnector">http://machinename:port/PSIGW/HttpListeningConnector</a>.</p>

## Business Unit to Cost Center

The E1\_BusinessUnit\_To\_E\_CostCenter initial batch load and real time data sync flows require these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ HCM.Payroll, InitialBatchLoads, E1_BusinessUnit_To_E_CostCenter	Directory From Location - E1	Specify the location of the flat file that is generated by the JD Edwards EnterpriseOne system. Specify the directory that contains the f0006batchload.txt file that is generated by the Account Master Batch Load program (R8900F0006).  This value is an example: <i>\\machinename\pyexport.</i>
PSFT_JD Edwards EnterpriseOne_ HCM.Payroll, InitialBatchLoads, E1_BusinessUnit_To_E_CostCenter	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>http</i> or <i>jms</i> ).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_ HCM.Payroll, InitialBatchLoads, E1_BusinessUnit_To_E_CostCenter	Transaction Transport Address	Enter the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an HTTP transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>

## Accounts

The E1\_GLAccount\_To\_E\_Account initial batch load and real time data sync flows require these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ HCM, Payroll, InitialBatchLoads, E1_GLAccount_To_E_Account	Directory From Location - E1	Specify the location of the flat file that is generated by the JD Edwards EnterpriseOne system. Specify the directory that contains the f0901batchload.txt file that is generated by the Account Master Batch Load program (R8909F0901).  This value is an example: <i>\\machinename\pyexport.</i>
PSFT_JD Edwards EnterpriseOne_ HCM, Payroll, InitialBatchLoads, E1_GLAccount_To_E_Account	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>http</i> or <i>jms</i> ).  The default value is <i>http</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ HCM, Payroll, InitialBatchLoads, E1_GLAccount_To_E_Account	Transaction Transport Address	<p>Enter the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an HTTP transport).</p> <p>This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i></p>
PSFT_JD Edwards EnterpriseOne_ HCM, Payroll	GLAccountRangeFrom	<p>Enter the first object account in each range of accounts to be transferred. Separate each object account in the list with a comma.</p> <p>You can use this integration option to select only payroll accounts.</p> <p>You must enter a value, as null is not valid.</p> <p>This value is an example: <i>2000,4000,6000.</i></p>
PSFT_JD Edwards EnterpriseOne_ HCM, Payroll	GLAccountRangeTo	<p>Enter the last object account in each range of accounts to be transferred. Separate each object account in the list with a comma.</p> <p>You can use this integration option to select only payroll accounts.</p> <p>You must enter a value, as null is not valid.</p> <p>This value is an example: <i>2499,4499,6499.</i></p>

### Market Rate to Exchange Rate

The E\_MarketRate\_To\_E1\_ExchangeRate flow requires these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_HCM, Payroll, E_MarketRate_To_E1_ExchangeRate	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>http</i> or <i>jms</i> ).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_HCM, Payroll, E_MarketRate_To_E1_ExchangeRate	Transaction Transport Address	Enter the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an HTTP transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector</i> .

### North American Payroll Batch Journal Entry

The E\_NorthAmericanPayroll\_To\_E1\_BatchJournalEntry flow requires these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_HCM, Payroll	DocumentType	Specify the type of transaction. The value must exist in the UDC 00/DT in the JD Edwards EnterpriseOne system.  The default value is <i>TJ</i> .  This integration option is optional.
PSFT_JD Edwards EnterpriseOne_HCM, Payroll	DocumentNumber	Specify the number that you want to use to number the first transaction. Subsequent transactions are numbered on a next number basis.  The default value is <i>1</i> .
PSFT_JD Edwards EnterpriseOne_HCM, Payroll	User ID	Enter a user-defined identification number. This integration option is required.  The user ID, in conjunction with the batch number (which is a system number generated by the JD Edwards EnterpriseOne system) can be used to identify batch journal entry transactions. The User ID field can contain the user ID of the person or machine who is to receive messages regarding the status of the transaction.  This field is blank by default.  This value is an example: <i>zz1234567</i> .



Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_HCM, Payroll, E_NorthAmericanPayroll_To_E1_ BatchJournalEntry	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>http</i> or <i>jms</i> ).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_HCM, Payroll, E_NorthAmericanPayroll_To_E1_ BatchJournalEntry	Transaction Transport Address	Enter the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an HTTP transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector</i> .

### Global Payroll Batch Journal Entry

The E\_GlobalPayroll\_To\_E1\_BatchJournalEntry flow requires these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ HCM, Payroll	DocumentType	Specify the type of transaction. The value must exist in the UDC 00/DT in the JD Edwards EnterpriseOne system.  The default value is <i>TJ</i> .  This integration option is optional.
PSFT_JD Edwards EnterpriseOne_ HCM, Payroll	DocumentNumber	Specify the number that you want to use to number the first transaction. Subsequent transactions are numbered on a next number basis.  The default value is <i>1</i> .
PSFT_JD Edwards EnterpriseOne_ HCM, Payroll	User ID	Enter a user-defined identification number. This integration option is required.  The user ID, in conjunction with the batch number (which is a system number generated by the JD Edwards EnterpriseOne system) can be used to identify batch journal entry transactions. The User ID field can contain the user ID of the person or machine who is to receive messages regarding the status of the transaction.  This field is blank by default.  This value is an example: <i>zz1234567</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ HCM, Payroll, E_GlobalPayroll_To_ E1_BatchJournalEntry	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>http</i> or <i>jms</i> ).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_ HCM, Payroll, E_GlobalPayroll_To_ E1_BatchJournalEntry	Transaction Transport Address	Enter the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an HTTP transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector</i> .

### See Also

Chapter 4, “Setting Up Integrations in the Integration Server,” Setting Up Integration Options and Cross References, page 24

## CHAPTER 18

# Setting Up Prerequisite Data for the Payroll to General Ledger Integration

This chapter discusses how to:

- Set up currency code cross-references.
- Load master data for the Payroll to General Ledger integration.

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## Setting Up Currency Code Cross References

Both the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system use the same ISO standard currency codes, with the exception of three nonstandard codes that exist in the JD Edwards EnterpriseOne system. These three currency codes must be cross-referenced. During the transformation of messages, if the currency code from the JD Edwards EnterpriseOne system matches any of the values in the Canonical Code field, the integration changes it to the currency code found in the Native Code field. If the currency code from the JD Edwards EnterpriseOne system does not match any of the values in the Canonical Code field, the JD Edwards EnterpriseOne currency code is known to be correct and is passed to the PeopleSoft Enterprise system.

You must set up these code cross references in the JD Edwards EnterpriseOne WSG Cross-Reference database:

Application ID	Object ID	Canonical Code	Native Code
E-HCM	currencycode	<i>MXP</i>	<i>MXN</i>
E-HCM	currencycode	<i>PLZ</i>	<i>PLN</i>
E-HCM	currencycode	<i>RUB</i>	<i>RUR</i>

---

**Note.** The values in the preceding table are based on the demo data that is included in the JD Edwards EnterpriseOne system. If your currency codes differ from those described here, set up cross-references only for those codes that differ between the JD Edwards EnterpriseOne system and the PeopleSoft Enterprise system. Any currencies for which you use the same code in the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system need not be included in the cross-reference table.

---

The Integration Server retrieves the cross-reference for the currency code when transforming these messages:

- JD Edwards EnterpriseOne Company Initial Load and Incremental Sync to PeopleSoft Enterprise BUS\_UNIT\_GL\_FULLSYNC and BUS\_UNIT\_GL\_SYNC XML messages.
- PeopleSoft Enterprise Market Rate to JD Edwards EnterpriseOne Exchange Rate MARKET\_RATE\_REQ and MARKET\_RATE\_SYNC XML messages.

- PeopleSoft Enterprise Global Payroll to JD Edwards EnterpriseOne General Ledger GP\_POST\_GL XML message.
- PeopleSoft Enterprise Payroll for North America to JD Edwards EnterpriseOne General Ledger PAYROLL\_ACCTG\_TRANSACTION XML message.

## Loading Master Data for the Payroll to General Ledger Integration

This section provides an overview of the loading of JD Edwards EnterpriseOne data into PeopleSoft Enterprise tables and the synchronization of master data for the Payroll to General Ledger integration, lists prerequisites, and discusses how to:

- Set processing options for Business Unit Batch Load (R8900F0006).
- Set processing options for Account Master Batch Load (R8909F0901).
- Run batch integrations in the Integration Server for the Payroll to General Ledger integration.
- Review the data in the PeopleSoft Enterprise database.

## Understanding the Loading of JD Edwards EnterpriseOne Data into PeopleSoft Enterprise Tables for the Payroll to General Ledger Integration

Perform initial loading of this JD Edwards EnterpriseOne data to corresponding PeopleSoft Enterprise tables:

- Companies

JD Edwards EnterpriseOne companies correspond to PeopleSoft Enterprise business units.

- Business Units

JD Edwards EnterpriseOne business units correspond to PeopleSoft Enterprise cost centers.

- Accounts

**Note.** Configure the GL business units in the PeopleSoft Enterprise database before loading accounts.

This table describes the initial data loads that you must perform:

Table Conversion Program	Export File Name	Batch Integration Flow	PeopleSoft Enterprise Message
Company Manage Notify Initial Load (R0010IL)	f0010xpi.txt	E1_Company_To_E_BusinessUnit: convert_E1_Company_To_E_BusinessUnit	BUS_UNIT_GL_ FULLSYNC

Table Conversion Program	Export File Name	Batch Integration Flow	PeopleSoft Enterprise Message
Business Unit Batch Load (R8900F0006)	f0006batchload.txt	E1_BusinessUnit_To_E_CostCenter: convert_E1_BusinessUnit_To_E_CostCenter	COST_CENTER_ FULLSYNC
Account Master Batch Load (R8909F0901)	f0901batchload.txt	E1_GLAccount_To_E_Account: convert_E1_GLAccount_To_E_Account	ACCOUNT_ CHARTFIELD_ FULLSYNC

## Companies

The table conversion exports company information from the JD Edwards EnterpriseOne Company Master table (F0010).

The subscription in the PeopleSoft Enterprise system publishes both the BUS\_UNIT\_FS\_SYNC message to load the company code and description in table BUS\_UNIT\_TBL\_FS, and the HPIP\_CNTRL\_AREA\_SYNC message to load company code, effective date, effective status and description into table HPYP\_CNTRL\_AREA.

Additional GL business unit configuration steps are required after loading into the PeopleSoft Enterprise table. Complete the configuration before loading accounts.

## Business Units

The table conversion exports cost-relevant business units from the JD Edwards EnterpriseOne Business Unit table (F0006).

The subscription in PeopleSoft Enterprise publishes the COST\_CENTER\_SYNC message to load the Cost Center table (HPYP\_CC\_TBL).

## Accounts

The table conversion exports general ledger account information from the JD Edwards EnterpriseOne Account Master table (F0901).

The subscription in the PeopleSoft Enterprise system publishes the ACCOUNT\_CHARTFIELD\_SYNC message to load table GL\_ACCOUNTS\_TBL. The setID value is taken from the HPIP\_ADMIN\_GL table, which contains the setID selected on the Configure GL Business Unit page.

Before beginning the Account Master Batch Load, you must:

- Set up the account ranges.
- Configure business units.

## Considerations for Account Numbers

The concatenation of object and subsidiary portions of JD Edwards EnterpriseOne account numbers correspond to account numbers in the PeopleSoft Enterprise system. However, the object portion of JD Edwards EnterpriseOne account numbers can include as many as six characters and the subsidiary portion can include as many as eight characters, while PeopleSoft Enterprise account numbers can include no more than 10 characters.

To resolve the difference in account number length, the Integration Server uses an algorithm to generate a 4-digit number to substitute for the subsidiary portion of the JD Edwards EnterpriseOne account number. For example, if the JD Edwards EnterpriseOne account number is 1008.BEARHOME, the Integration Server sends the account number 1008xxxx, where xxxx is the number generated by the algorithm, to the PeopleSoft Enterprise system for this account.

The Integration Server maintains a key cross-reference between the original JD Edwards EnterpriseOne account number and the account number that was sent to the PeopleSoft Enterprise system. The integration concatenates, with a | separator character, the JD Edwards EnterpriseOne company, object account, and subsidiary to arrive at a variable-length value for the canonical key, for example:

Application ID	Object ID	Canonical (JD Edwards EnterpriseOne) Key	Native (Enterprise) Key
E-HCM	glaccount	00001 1008 BEARHOME	10081234
E-HCM	glaccount	00002 1008 BEARHOME	10085678

In the IP message that is sent to the PeopleSoft Enterprise system, the native key is written to the ACCOUNT field. The JD Edwards EnterpriseOne company is used to derive the SETID field. The integration concatenates, with a blank separator character, the JD Edwards EnterpriseOne subsidiary and the JD Edwards EnterpriseOne account description, truncating on the right if necessary, to create a 30-character value that is written to the DESCR field. The effective date is set to January 01, 1900 and written to the EFFDT field. The Active/Inactive indicator is set to *A* (active) and written to the EFF\_STATUS field.

These cautions arise from this method of relating account numbers in the two systems:

- The PeopleSoft Enterprise system cannot have more than one account number for any JD Edwards EnterpriseOne object account and subsidiary combination for the same JD Edwards EnterpriseOne company.
- The PeopleSoft Enterprise system cannot have more than one account number for any JD Edwards EnterpriseOne object account and subsidiary combination with the same setID.

---

**Note.** Because JD Edwards EnterpriseOne cross-references the accounts as they are loaded into the PeopleSoft Enterprise system, and does not send an account to the PeopleSoft Enterprise system if it is already found in the cross-reference, the Account Initial Load can effectively be run only once. If it is necessary to re-run the Account initial load, first delete all cross-references with the Object ID "glaccount".

---

## Considerations for Account Number Ranges

All JD Edwards EnterpriseOne companies and business units are integrated into the PeopleSoft Enterprise system. However, only certain ranges of general ledger account numbers may need to be integrated. You can limit the general ledger accounts that are integrated by performing data selection on the object account number for the initial batch load, and by setting up account number ranges on the object account number for the incremental load, so that only the payroll accounts are integrated. Payroll accounts tend to fall into certain ranges. For example, if the JD Edwards EnterpriseOne payroll accounts are within object account numbers 1000-1499, and 5000-5499, then set up those ranges for the initial batch load and the incremental load, and only those object account numbers are integrated with the PeopleSoft Enterprise system.

## Considerations for Multiple General Ledger Systems

This integration will not overwrite existing data in target tables when doing the initial data load, so the PeopleSoft Enterprise HRMS tables that receive data from the financials application can be fed by multiple systems. However, the process of loading master objects does not track which object was loaded from which system and does not perform any conflict resolution.

If the PeopleSoft Enterprise HRMS database integrates with more than one general ledger system, you must take care that the objects, such as company codes, that are loaded from one general ledger system do not conflict with the objects that are loaded from another system. If they have identical key values (such as company code), one will overwrite the other.

### See Also

PeopleSoft Enterprise HRMS 8.9 Application Fundamentals Implementation Guide, “Setting Up General Ledger Interface Tables”

PeopleSoft Enterprise HRMS 8.9 Application Fundamentals Implementation Guide, “Setting Up and Working With ChartFields and ChartField Combinations”

## Understanding the Synchronization of Master Data for the Payroll to General Ledger Integration

When the JD Edwards EnterpriseOne system adds or deletes a business unit or company, the payroll office administrator must perform the same additional configuration and mapping steps that are required for the initial data loads. The finance office administrator must notify the payroll office administrator of such changes so that the configuration and mapping can be done.

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**Note.** Some changes to JD Edwards EnterpriseOne companies, business units, and accounts may be to fields that are not integrated with the PeopleSoft Enterprise system. As a result, some incremental sync messages processed by the PeopleSoft Enterprise system might contain no changes to integrated data.

---

This table describes the incremental syncs provided in this integration:

Master Data	JD Edwards EnterpriseOne Realtime Event	Integration Flow	PeopleSoft Enterprise Message
Company /Business Unit	RTCOOUT	E1_Company_To_E_BusinessUnit: convert_E1_Company_To_E_BusinessUnit	BUS_UNIT_GL_SYNC
Business Unit/Cost Center	RTBUOUT	E1_BusinessUnit_To_E_CostCenter: convert_E1_BusinessUnit_To_E_CostCenter	COST_CENTER_SYNC
Account	RTAMOUT	E1_GLAccount_To_E_Account: convert_E1_GLAccount_To_E_Account	ACCOUNT_CHARTFIELD_SYNC

### Considerations for the Incremental Sync of Business Units/Cost Centers

If the business unit is a model account business unit or consolidation business unit or if the posting edit code is *N* (Cannot Post Transactions) or *P* (Purge), the Eff\_Status field in the message is set to *I* (Inactive).

### Considerations for the Incremental Sync of Accounts

If you use data selection or integration options to include a range of accounts for the initial load, you must use the data selection or integration options for the incremental sync.

The JD Edwards EnterpriseOne system invokes the realtime event for accounts when accounts are added, but not when accounts are changed or deleted. Model accounts, consolidation accounts, and accounts with any of these posting edit codes that are added in the JD Edwards EnterpriseOne system are not sent to the PeopleSoft Enterprise system:

- *I*: Inactive account - No posting.
- *N*: Non-posting.
- *L*: Subledger and type required-detail.
- *S*: Subledger and type required-summary.
- *U*: Unit quantity required.
- *M*: Machine generated transactions only.

## Prerequisites

Before you load the master data described in this section:

- Set up UTF-8 encoding in the JD Edwards EnterpriseOne system so that the flat files that are created by the table conversion problems will be encoded correctly.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Unicode Flat File Encoding, page 20.](#)

- Set up the export folder where the JD Edwards EnterpriseOne table conversions will create the flat files.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Export Folder for Table Conversions, page 20.](#)

- Activate realtime events in the JD Edwards EnterpriseOne system.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Realtime Events, page 20.](#)

## Setting Processing Options for Business Unit Batch Load (R8900F0006)

Processing options enable you to specify the default processing for programs and reports.

### Date - From

Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Business Unit table (F0006). If you leave this processing option blank, the table conversion selects all records in the F0901 table.

For the initial load of business units, you should leave this processing option blank to select all business units.

### Time - From

Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from the F0006 table.

For the initial load of business units, you should leave this processing option blank to select all business units.



## Setting Processing Options for Account Master Batch Load (R8909F0901)

Processing options enable you to specify the default processing for programs and reports.

### Default

<b>Date - From</b>	Specify a date to select G/L accounts that were created or updated from that date forward. Leave this processing option blank to indicate that all dates are valid for selection.
<b>Time - From</b>	Specify a time to select a G/L accounts that were created or updated from that time forward. Leave this processing option blank to indicate that all times are valid for selection.
<b>Business Unit - From</b>	Specify the first business unit in a range of business units to select G/L accounts within that range. Leave this processing option and the Business Unit - To processing option blank if you want to indicate that all business units are valid for selection. Leave only this processing option blank to indicate that all business units up to and including the business unit in the Business Unit - To processing option are valid for selection. Leave only the Business Unit - To processing option blank to indicate that all business units from and including the business unit in this processing option are valid for selection.
<b>Business Unit - To</b>	Specify the last business unit in a range of business units to select G/L accounts within that range. Leave this processing option and the Business Unit - From processing option blank if you want to indicate that all business units are valid for selection. Leave only this processing option blank to indicate that all business units from and including the business unit in the Business Unit - From processing option are valid for selection. Leave only the Business Unit - From processing option blank indicate that all business units up to and including the business unit in this processing option are valid for selection.
<b>Object Account - From</b>	Specify the first object account in a range of object accounts to select G/L accounts within that range. Leave this processing option and the Object Account - To processing option blank if you want to indicate that all object accounts are valid for selection. Leave only this processing option blank to indicate that all object accounts up to and including object account in the Object Account - To processing option are valid for selection. Leave only the Object Account - To processing option blank to indicate that all object accounts from and including the object account in this processing option are valid for selection.
<b>Object Account - To</b>	Specify the last object account in a range of object accounts to select G/L accounts within that range. Leave this processing option and the Object Account - From processing option blank if you want to indicate that all object accounts are valid for selection. Leave only the Object Account - From processing option blank to indicate that all object accounts up to and including the object account in this processing option are valid for selection. Leave only this processing option blank to indicate that all object accounts from and including the object account in the Object Account - From processing option are valid for selection.

**Subsidiary** Specify a subsidiary to select G/L accounts for that subsidiary only. Leave this processing option blank if you want to indicate that all subsidiaries are valid for selection.

## Running Batch Integrations in the Integration Server for the Payroll to General Ledger Integration

You use JD Edwards EnterpriseOne WSG Integration Server or WSG Developer to invoke the batch integrations. The batch integrations contain flow services, which perform the necessary data transformations and export XML files that the PeopleSoft Enterprise system can receive.

To run the batch integrations manually, invoke these services:

Integration Service	Navigation
E1_GLAccount_To_E_Account	PSFT_JD Edwards EnterpriseOne_HCM, Payroll, InitialBatchLoads, E1_GLAccount_To_E_Account, convert_E1_GLAccount_To_E_Account
E1_Company_To_E_BusinessUnit	PSFT_JD Edwards EnterpriseOne_HCM, Payroll, InitialBatchLoads, E1_Company_To_E_BusinessUnit, convert_E1_Company_To_E_BusinessUnit
E1_BusinessUnit_To_E_CostCenter	PSFT_JD Edwards EnterpriseOne_HCM, Payroll, InitialBatchLoads, E1_BusinessUnit_To_E_CostCenter, convert_E1_BusinessUnit_To_E_CostCenter

See webMethods Integration Server Administrator's Guide 6.1, "Managing Services," Working with Services, Testing Services.

## Reviewing the Data in the PeopleSoft Enterprise Database

The pages used to review JD Edwards EnterpriseOne data in the PeopleSoft Enterprise database are documented in the PeopleSoft Enterprise Global Payroll 8.9 Implementation Guide.

See PeopleSoft Enterprise Global Payroll 8.9 Implementation Guide, "Integrating with JD Edwards EnterpriseOne General Ledger," Viewing the Data in the PeopleSoft Enterprise HRMS Database.

## CHAPTER 19

# Configuring and Mapping Data in PeopleSoft Enterprise Tables

After the initial load of JD Edwards EnterpriseOne master data into PeopleSoft Enterprise HCM tables, you must perform additional mapping steps before you can process and publish accounting line data to JD Edwards EnterpriseOne General Ledger. These tasks are documented in the PeopleSoft Enterprise Payroll for North America 8.9 Implementation Guide and in the PeopleSoft Enterprise Global Payroll 8.9 Implementation Guide.

### See Also

PeopleSoft Enterprise Payroll for North America 8.9 Implementation Guide, “Administering the Integration with JD Edwards EnterpriseOne General Ledger,” Mapping Cost Centers and Accounts to the PeopleSoft Enterprise Payroll for North America System.

PeopleSoft Enterprise Global Payroll 8.9 Implementation Guide, “Integrating with JD Edwards EnterpriseOne General Ledger,” Configuring the Target Product and System.

PeopleSoft Enterprise Global Payroll 8.9 Implementation Guide, “Integrating with JD Edwards EnterpriseOne General Ledger,” Mapping Cost Centers and Accounts.



## CHAPTER 20

# Using the PeopleSoft Enterprise Payroll to JD Edwards EnterpriseOne General Ledger Integration

This chapter provides an overview of the posting of accounting lines and discusses how to:

- Retrieve currency exchange rates.
- Prepare and post accounting lines from PeopleSoft Enterprise payroll applications to JD Edwards EnterpriseOne General Ledger.
- Process PeopleSoft Enterprise payroll data in JD Edwards EnterpriseOne General Ledger.

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## Understanding the Posting of Accounting Lines

After you process payroll in the PeopleSoft Enterprise payroll application, you can create the accounting lines and post them as journal entries to JD Edwards EnterpriseOne General Ledger. A journal entry typically consists of header and line data.

You must first synchronize the market exchange rates between the financials system and the payroll system if your data involves multiple currencies.

The posting framework posts summary GL transactions grouped by GL business unit (Business\_Unit\_GL). As part of the posting, an Application Engine process prepares the data, creates the message, and publishes to the node that is specified for the GL business unit.

The Integration Server loads the data into the JD Edwards EnterpriseOne Journal Entry Transactions - Batch File table (F0911Z1). The Integration Server sends a reply message stating whether the transactions sent by the PeopleSoft Enterprise system were successfully posted and loaded into the F0911Z1 table.

After the data has been loaded into the F0911Z1 table, you run a batch process to validate the data and to insert the records into the Account Ledger table (F0911). You then post the transactions from the F0911 table to the Account Balances table (F0902) just as you would post any other transactions.

If the payroll transactions contain errors in the data, you can:

- Manually correct errors in the F0911Z1 table before loading transactions to the F0911 table.
- Purge the F0911Z1 table before loading transactions to the F0911 table, then reset and rerun the PeopleSoft Enterprise Payroll for North America or PeopleSoft Enterprise Global Payroll process to post the transactions to JD Edwards EnterpriseOne General Ledger.

See [Chapter 21, “Handling Data Errors in Batch Posting,”](#) page 143.

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## Retrieving Currency Exchange Rates

Currency market rates must be synchronized between the PeopleSoft Enterprise payroll systems and the JD Edwards EnterpriseOne financial system, which is the master for market rates.

This task is documented in the PeopleSoft Enterprise Payroll for North America 8.9 Implementation Guide and in the PeopleSoft Enterprise Global Payroll 8.9 Implementation Guide.

See PeopleSoft Enterprise Payroll for North America 8.9 Implementation Guide, “Administering the Integration with JD Edwards EnterpriseOne General Ledger,” Retrieving Currency Exchange Rates.

See PeopleSoft Enterprise Global Payroll 8.9 Implementation Guide, “Integrating with JD Edwards EnterpriseOne General Ledger,” Retrieving Currency Exchange Rates.

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## Preparing and Posting Accounting Lines from PeopleSoft Enterprise Payroll Applications to JD Edwards EnterpriseOne General Ledger

The process of preparing and posting accounting lines is documented in the PeopleSoft Enterprise Global Payroll 8.9 Implementation Guide.

See PeopleSoft Enterprise Global Payroll 8.9 Implementation Guide, “Integrating with JD Edwards EnterpriseOne General Ledger,” Preparing and Posting Accounting Lines from PeopleSoft Enterprise Global Payroll to General Ledger.

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## Processing PeopleSoft Enterprise Payroll Data in JD Edwards EnterpriseOne General Ledger

This section provides an overview of the JD Edwards EnterpriseOne General Ledger process for PeopleSoft Enterprise payroll transactions and discusses how to:

- Locate payroll batch transactions in the JD Edwards EnterpriseOne system.
- Review and revise payroll batch transactions in the JD Edwards EnterpriseOne system.
- Set processing options for Journal Entries Batch Processor (R09110Z).
- Run the Journal Entries Batch Processor (R09110Z).
- Process PeopleSoft Enterprise payroll batch transactions in the JD Edwards EnterpriseOne system.
- Post JD Edwards EnterpriseOne journal entries.

## Understanding the JD Edwards EnterpriseOne General Ledger Process for PeopleSoft Enterprise Payroll Transactions

When you post accounting lines from PeopleSoft Enterprise Payroll for North America or PeopleSoft Enterprise Global Payroll, the PeopleSoft Enterprise system publishes a message with the payroll information needed to create journal entries in JD Edwards EnterpriseOne General Ledger. These journal entries are in summary rather than detail form.

The Integration Server transforms the message data and inserts the transaction information in the Journal Entry Transactions - Batch File table (F0911Z1). If any errors occur during the table insert, the process is canceled and no data is uploaded to the F0911Z1 table. If the insert is successful, the Integration Server returns a reply status message to the PeopleSoft Enterprise system.

After payroll transaction data has been successfully inserted in the F0911Z1 table, you run the Journal Entries Batch Processor program (R09110Z) to validate and load the transactions into the Account Ledger table (F0911). You then run the General Ledger Post program (R09801) to post the transactions from the F0911 table to the Account Balances table (F0902).

## Forms Used to Process PeopleSoft Enterprise Payroll Data in JD Edwards EnterpriseOne General Ledger

Form Name	FormID	Navigation	Usage
Work With Store & Forward Journal Entries	W0911Z1B	Batch Journal Entry Processing (G09311), Journal Entry Revisions	Locate and review records in the Journal Entry Transactions - Batch File table (F0911Z1).
Store & Forward Journal Entry Revisions	W0911Z1A	Locate a record and click Select on the Work With Store & Forward Journal Entries form.	Review and revise detail information for records in the F0911Z1 table.
Work With Journal Entries	W0911I	Journal Entry, Reports, & Inquiries (G0911), Journal Entry	Add, change, delete, or review records in the F0911 table.

## Locating Payroll Batch Transactions in the JD Edwards EnterpriseOne System

Access the Work With Store & Forward Journal Entries form.

**Journal Entry Revisions - Work With Store & Forward Journal Entries**

Select Find Add Copy Delete Close Row Tools

Batch Number HCM3746 ☐ Processed ☐ Model

From Date  Thru Date  ☒ Transmission ☐ G/L

Records 1 - 1 [Customize Grid](#)

	User ID	Batch Number	Transaction Number	Transmission Date	G/L Date	Address Number	Total Lines	Total Amount
<input checked="" type="radio"/>	2006	HCM3746	437	07/22/2005	06/21/2005			

Work With Store &amp; Forward Journal Entries form

- Batch Number** Enter a unique number in the JD Edwards EnterpriseOne system that consists of the prefix HCM followed by a unique number generated by Next Numbers for system 00, line 6.
- Transaction Number** Enter the process instance from the PeopleSoft Enterprise system.
- SP (successfully processed)** This field is set to 0 when the transactions are inserted in the Journal Entry Transactions - Batch File table (F0911Z1), indicating that the transactions have not been written to the Account Ledger table (F0911).
- User ID** Enter the JD Edwards EnterpriseOne user ID from the Family, Financials, PPI, User ID integration option. This should identify the user who is responsible for performing the import of PeopleSoft Enterprise payroll data into the F0911Z1 table.

## Reviewing and Revising Payroll Batch Transactions in the JD Edwards EnterpriseOne System

Access the Store & Forward Journal Entry Revisions form.



**Journal Entry Revisions - Store & Forward Journal Entry Revisions** i ?

OK Delete Cancel Form Tools

**Batch Control**

User ID \* 2006 Batch Number \* HCM3746 Transaction Number \* 437

Doc Type/No/Co TJ 00014 Ledger Type AA ☐ Reverse

G/L Date 06/21/2005 Explanation \* HCM||2005-06-21 ☐ Percent

Currency Code USD Exchange Rate Mode D ☐ Model

**Records 1 - 3** Customize Grid

	Account Number	Gross Amount	Taxable Amount	Tax	Tx Ex	Tax Area	Track Taxes	Accou Descr
<input checked="" type="radio"/>	21.4205		20.46-					Accru
<input type="radio"/>	21.4205		35.76-					Accru
<input type="radio"/>								

Remaining Amount 56.22-

Store &amp; Forward Journal Entry Revisions form

- Doc Type** (document type) Enter the document type from the Family, Financials, PPI, Document Type integration option. The default document type for payroll transactions is *TJ*.
- Ledger Type** For transactions that originate in PeopleSoft Enterprise payroll, the ledger type is always *AA*.
- Explanation** Enter the Journal Line Description from the PeopleSoft Enterprise system.
- Account Number** The account number is retrieved from the Canonical Key value for the glaaccount key cross-reference, based on the PeopleSoft Enterprise account number of the transaction.

## Setting Processing Options for Journal Entries Batch Processor (R09110Z)

Processing options enable you to specify the default processing for programs and reports.

### Version

- 1. Journal Entry Version** Specify a version of Journal Entry MBF Processing Options program (P0900049). If you leave this processing option blank, version *ZJDE0001* is used.
- 2. Post Version** Specify a version of the General Ledger Post Report program (R09801) to use to automatically post the journal entries to the Account Balances table (F0902). If you leave this processing option blank, the post is not submitted.  
  
If you leave this processing option blank, you can post the journal entries later using the General Ledger Post Report program (R09801).

## Process

- 1. Process Mode** Specify whether to leave this processing option blank to process the batch in proof mode. If you leave this processing option blank, no tables are updated. Enter *1* to process the batch in final mode and update the Account Ledger table (F0911).
- 2. Out of Balance** Specify whether to allow GL transactions that are out of balance to process. (Amounts do not net to zero.) Enter *1* to allow GL transactions that are out of balance to be processed. Leave this processing option blank to prevent transactions that are out of balance from being processed.
- 3. Purge** Specify whether to automatically purge processed transactions from the batch file. Enter *1* to automatically purge processed transactions from the Journal Entry Transactions - Batch File table (F0911Z1). Leave this processing option blank to flag the transactions as processed; these transactions are not purged from the F0911Z1 table.  
  
If you leave this processing option blank, you can purge the transactions later using the Purge Batch Journal Entries program (R0911Z1P).

## Messages

- 1. Warning Message** Specify whether to suppress the creation of warning messages in the work center. Enter *1* to suppress warning messages. Leave this processing option blank to enable warning messages.
- 2. Electronic Message** Specify a user to receive electronic messages. If you leave this processing option blank, the user who entered the transactions receives the message in the work center.

## Edits

- 1. Batch Approval** Specify the status to apply to batches created during process. Specify *1* to set the status on all batches created to a status of approved. Leave this processing option blank to set the batch status according to the general accounting constants.

## Running the Journal Entries Batch Processor (R09110Z)

From the G/L Advanced and Technical Operations menu (G09311), select Batch Journal Entry Processing.

You run the Journal Batch Entries Processor to validate records in the F0911Z1 table. If there are no errors, the system inserts the records from the F0911Z1 table into the Account Ledger table (F0911). The system also creates a record for the batch in the Batch Control Records table (F0011).

## Processing PeopleSoft Enterprise Payroll Batch Transactions in the JD Edwards EnterpriseOne System

Select Batch Journal Entry Processing (G09311), Journal Entries Batch Processor.

You should run the Journal Entries Batch Processor program (R09110Z) in proof mode to validate the data that was inserted in the Journal Entry Transactions - Batch File table (F0911Z1). Correct any errors in the F0911Z1 table, and then run the Journal Entries Batch Processor program in final mode.

Use data selection based on a range of batch numbers and the transaction number to process the transactions that originated in the PeopleSoft Enterprise payroll system.

See *JD Edwards EnterpriseOne General Accounting 8.12 Implementation Guide*, “Processing Batch Journal Entries,” Uploading Batch Journal Entry.

## Posting JD Edwards EnterpriseOne Journal Entries

Select Journal Entry, Reports, & Inquiries (G0911), General Ledger Post.

If you did not set the processing options on the Journal Entries Batch Processor program (R09110Z) to post journal entries to the Account Balances table (F0902), run the General Ledger Post program (R09801) to post the journal entries.

See *JD Edwards EnterpriseOne General Accounting 8.12 Implementation Guide*, “Processing Journal Entries,” Posting Journal Entries.



## CHAPTER 21

# Handling Data Errors in Batch Posting

This chapter provides an overview of data error handling and discusses how to:

- Correct errors in the Journal Entry Transactions - Batch File table.
- Identify data to be purged and reprocessed.
- Purge the batch of F0911Z1 records.
- Reset and repost the payroll accounting lines.

---

## Understanding Data Error Handling

This section discusses:

- Data error possibilities.
- Data error correction procedures.

### Data Error Possibilities

These are some reasons that data error handling would be required:

- The payroll office might discover errors in the accounting lines after posting the data to JD Edwards EnterpriseOne General Ledger.
- When you run the Journal Entries Batch Processor program (R09110Z) in the JD Edwards EnterpriseOne system, the system validates the specific combinations of account code and cost center and might detect an invalid account number.

The accounting lines sent to JD Edwards EnterpriseOne General Ledger from PeopleSoft Enterprise payroll applications contain an account code and a cost center. The PeopleSoft Enterprise account code corresponds to the object and subsidiary in the JD Edwards EnterpriseOne system, while the PeopleSoft Enterprise cost center corresponds to the JD Edwards EnterpriseOne company.

Because the account number in the JD Edwards EnterpriseOne system consists of a combination of the business unit, object, and subsidiary, the combination of the PeopleSoft Enterprise account code and cost center might produce an JD Edwards EnterpriseOne account number that is invalid.

For example:

- It might use a cost center in the PeopleSoft Enterprise system that does not correspond to a valid JD Edwards EnterpriseOne company.
- If the JD Edwards EnterpriseOne company contains two or more accounts with the same object and subsidiary, but different business units, the integration might produce the wrong JD Edwards EnterpriseOne business unit, object, and subsidiary combination.

## Data Error Correction Procedures

When errors are discovered:

- The finance office administrators and payroll office administrators must communicate to coordinate the method of handling the errors and to identify the data to be corrected.
- The payroll office administrators might need to correct errors in the payroll setup.

For example, if the account code and cost center are generating an invalid JD Edwards EnterpriseOne account number, you might need to book the amounts to a different account code or cost center in the PeopleSoft Enterprise system.

- The finance office administrators might need to redistribute the amount to the correct account in the JD Edwards EnterpriseOne system.

For example, if the account code and cost center are correct in the PeopleSoft Enterprise system, but amounts are booked to the wrong account number in the JD Edwards EnterpriseOne system because two or more JD Edwards EnterpriseOne accounts have the same object and subsidiary, but different business units in the same company.

Errors in the payroll data that has been posted to general ledger can be handled in one of two ways:

- Correct errors in the F0911Z1 table using the Journal Entry Revisions program (P0911Z1).

You can use this method if you have run the Journal Entries Batch Processor program in proof mode and the errors are few enough in number that they can be easily corrected in the F0911Z1 table. After you correct the errors in the F0911Z1 table, run the Journal Entries Batch Process program in proof mode. In this situation, the payroll office administrators should correct the payroll setup so that the same errors do not occur on the next payroll run.

- Purge the batch of F0911Z1 records that contain errors and request the administrators of the PeopleSoft Enterprise payroll application to:
  1. Reset the general ledger posting process.
  2. Correct the errors in the payroll setup.
  3. Rerun general ledger processing and repost the results.

You would use this method if the errors were too numerous to be corrected in the F0911Z1 table.

---

## Correcting Errors in the Journal Entry Transactions - Batch File Table

Use the Journal Entry Revisions program (P0911Z1).

See *JD Edwards EnterpriseOne General Accounting 8.12 Implementation Guide*, “Processing Batch Journal Entries,” Working with Batch Journal Entries.

---

## Identifying Data to be Purged and Reprocessed

If reprocessing of payroll data is required, the finance office administrators and payroll office administrators must communicate to identify the data to be reprocessed. This section discusses how to locate data to be purged or reprocessed:

- When the requirement initiates in the payroll office.
- When the requirement initiates in the finance office.

### Finance Office Initiates

If the data correction requirement is initiated in the finance office:

1. The finance office administrator locates the Enterprise process instance ID from the Transaction Number field on the Work With Store & Forward Journal Entries form.

The transaction number on this page is the PeopleSoft Enterprise process instance ID.

2. The finance office administrator communicates the process instance ID number to the payroll office administrator.
3. The payroll office administrator views the GL Transaction Status page for the process instance to determine the affected pay run ID (Payroll for North America) or calendar group ID (Global Payroll).

### Payroll Office Initiates

If the data correction requirement is initiated in the payroll office:

1. The payroll office administrator views the GL Transaction Status page to determine the process instance ID associated with the pay run ID (Payroll for North America) or calendar group ID (Global Payroll) that requires reprocessing.
2. The payroll office administrator communicates the process instance ID number to the finance office administrator.
3. The finance office administrator uses the process instance ID number to locate the payroll batch transaction on the Work With Store & Forward Journal Entries form.

The payroll process instance ID is the same as the transaction number in this page.

### See Also

Chapter 20, “Using the PeopleSoft Enterprise Payroll to JD Edwards EnterpriseOne General Ledger Integration,” Locating Payroll Batch Transactions in the JD Edwards EnterpriseOne System, page 137

Chapter 20, “Using the PeopleSoft Enterprise Payroll to JD Edwards EnterpriseOne General Ledger Integration,” Preparing and Posting Accounting Lines from PeopleSoft Enterprise Payroll Applications to JD Edwards EnterpriseOne General Ledger, page 136

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## Purging the Batch of F0911Z1 Records

Use the Purge Batch Journal Entries program (R0911Z1P).

See *JD Edwards EnterpriseOne General Accounting 8.12 Implementation Guide*, “Processing Batch Journal Entries,” Purging Processed Batch Journal Entries.

---

## Resetting and Reposting the Payroll Accounting Lines

If the JD Edwards EnterpriseOne system purges the batch of F0911Z1 records, the PeopleSoft Enterprise payroll application administrator must be notified to reset the general ledger processing and repost the accounting lines.

### See Also

Chapter 20, “Using the PeopleSoft Enterprise Payroll to JD Edwards EnterpriseOne General Ledger Integration,” Preparing and Posting Accounting Lines from PeopleSoft Enterprise Payroll Applications to JD Edwards EnterpriseOne General Ledger, page 136



## **PART 6**

# **Integrating PeopleSoft Enterprise CRM Order Capture with the JD Edwards EnterpriseOne System**

### **Chapter 22**

**Understanding the PeopleSoft Enterprise CRM Order Capture with JD Edwards EnterpriseOne Integration**

### **Chapter 23**

**Setting Up the PeopleSoft Enterprise CRM Order Capture with JD Edwards EnterpriseOne Integration**

### **Chapter 24**

**Setting Up Prerequisite Data for the CRM Order Capture Integration**

### **Chapter 25**

**Using the PeopleSoft Enterprise CRM Order Capture with JD Edwards EnterpriseOne Integration**



## CHAPTER 22

# Understanding the PeopleSoft Enterprise CRM Order Capture with JD Edwards EnterpriseOne Integration

This chapter discusses:

- Release levels
- Business process
- Integration architecture
- Integration points

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## Release Levels

This document supports the integration between JD Edwards EnterpriseOne 8.12 and PeopleSoft Enterprise 8.9 CRM.

---

## Business Process

You use the PeopleSoft Enterprise CRM Order Capture to JD Edwards EnterpriseOne integration to transfer order and pricing information from PeopleSoft Enterprise CRM to JD Edwards EnterpriseOne CRM. The integration synchronizes data and order information between the two systems in real time.

This integration is useful when you are using both the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system and you want to use the PeopleSoft Enterprise CRM solution with the JD Edwards EnterpriseOne supply chain management and manufacturing solutions.

The major tasks involved in the integration of PeopleSoft Enterprise CRM Order Capture with JD Edwards EnterpriseOne Sales Order Capture are:

- Setting up integration options and code cross-referencing in the JD Edwards EnterpriseOne WSG soft-coding/cross-reference database.
- Setting up the integration in the PeopleSoft Enterprise database.
- Loading JD Edwards EnterpriseOne master data into PeopleSoft Enterprise tables.
- Synchronizing incremental changes in JD Edwards EnterpriseOne customer, contact, and item data with the PeopleSoft Enterprise system.
- Creating a sales order or quote.

To create a sales order or quote:

1. You create a sales order or quote in the PeopleSoft Enterprise system.
  2. The PeopleSoft Enterprise system sends the sales order or quote to the JD Edwards EnterpriseOne system.
  3. The system creates a matching sales order or quote order in the JD Edwards EnterpriseOne system.
- Processing the sales order in the JD Edwards EnterpriseOne system.

When you change the status of the sales order, the JD Edwards EnterpriseOne system sends a status update to the PeopleSoft Enterprise system.

- Creating advanced shipment notices.

To create advanced shipment notices:

1. You create a shipment notice in the JD Edwards EnterpriseOne system.
  2. The JD Edwards EnterpriseOne system sends the shipment notice to the PeopleSoft Enterprise system.
  3. The system creates a matching advanced shipment notice in the PeopleSoft Enterprise system.
- Retrieve item availability information.

To retrieve item availability information:

1. You initiate a request for item availability information in the PeopleSoft Enterprise system.
2. The PeopleSoft Enterprise system sends the request to the JD Edwards EnterpriseOne system, which returns item availability information for viewing in the PeopleSoft Enterprise system.

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## Integration Architecture

This section discusses the integration architecture for the:

- Sales order creation process.
- Sales quote creation process.
- Sales order status update process.
- Advanced shipment notice process.
- Get item availability process.

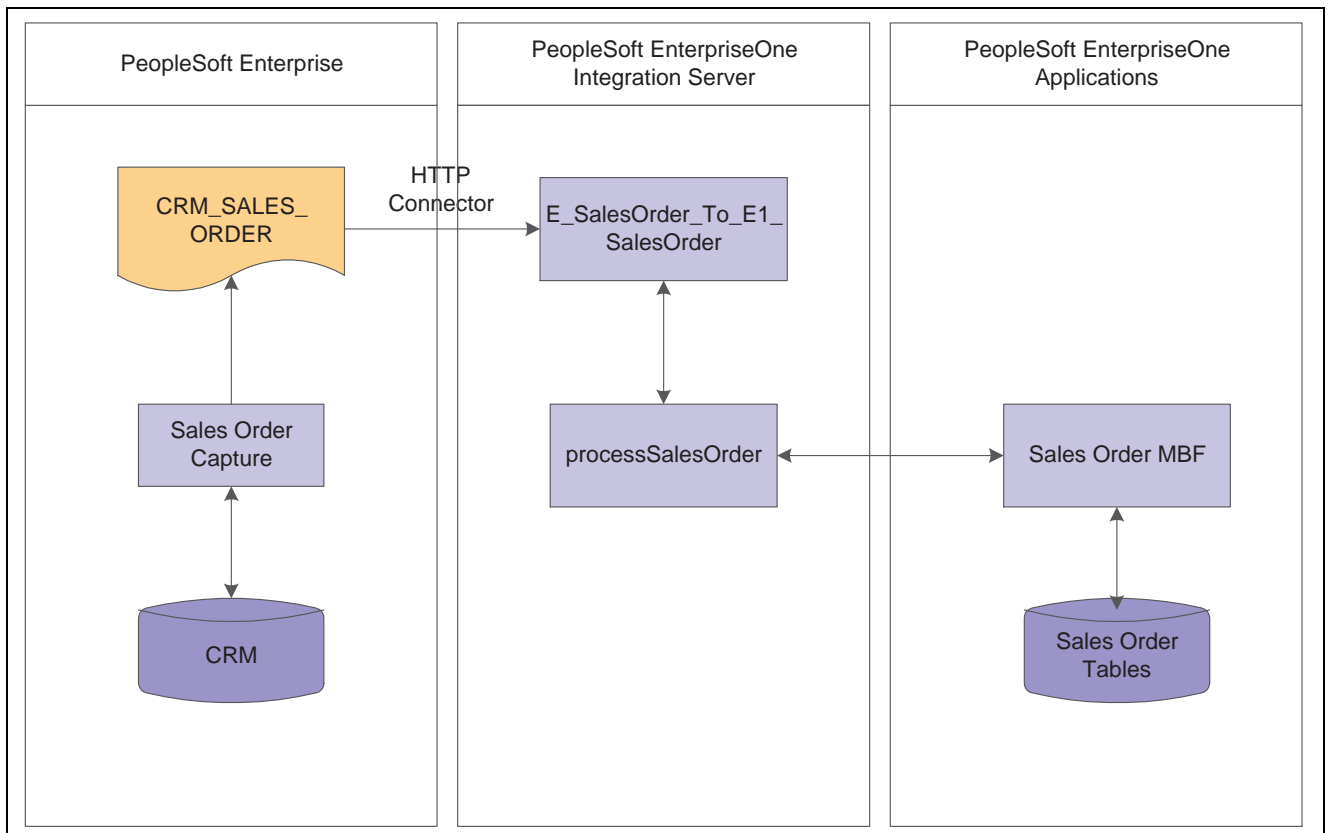
### See Also

Chapter 2, “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications,” Batch Loads, page 10

Chapter 2, “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications,” Incremental Synchronizations, page 11

## Integration Architecture for the Sales Order Creation Process

This diagram illustrates the process of creating sales orders in the PeopleSoft Enterprise system and creating corresponding sales orders in the JD Edwards EnterpriseOne system:



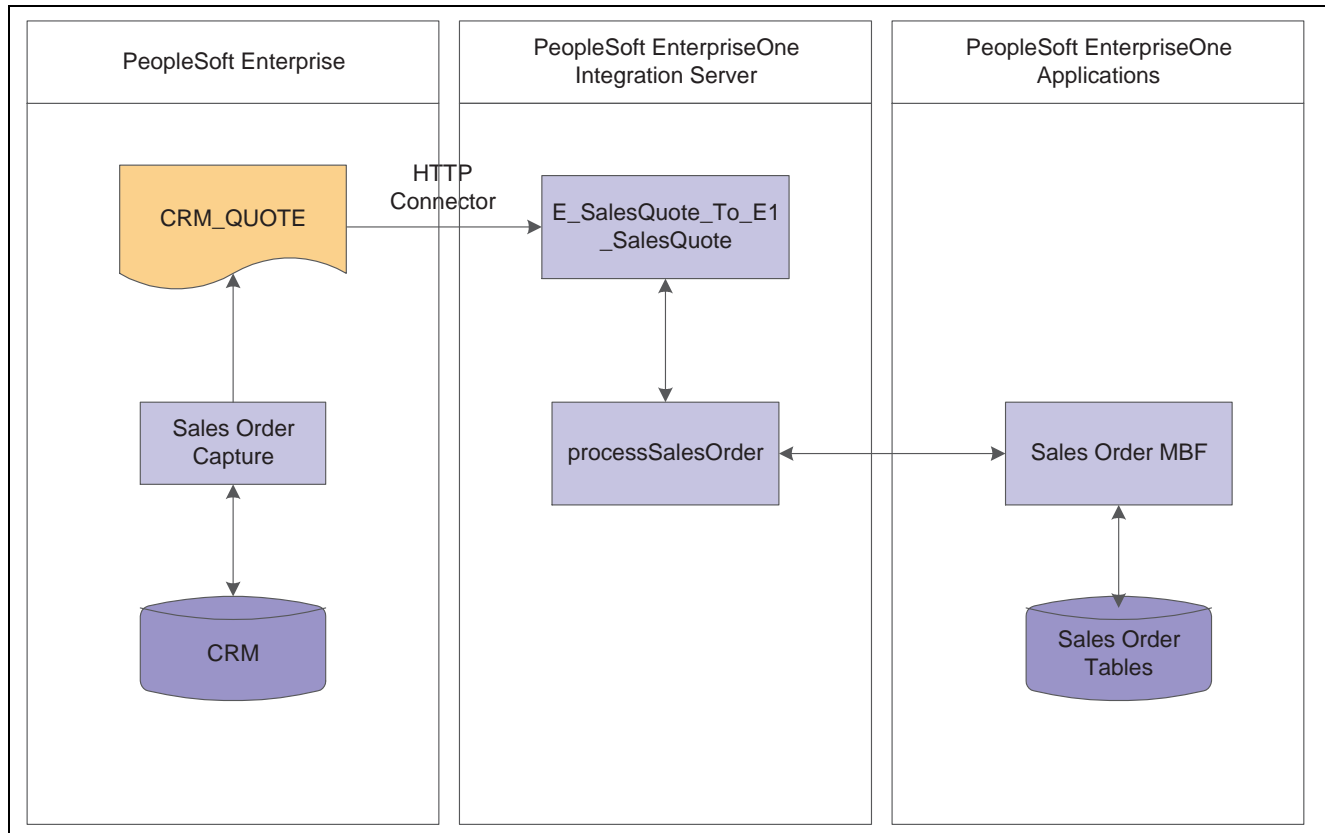
Sales Order Integration process

Sending sales orders from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system consists of these steps:

1. A sales order is created in PeopleSoft Enterprise CRM, which generates the CRM\_SALES\_ORDER message.
2. The Integration Server listens for the EIP message and triggers the E\_SalesOrder\_To\_E1\_SalesOrder flow, which invokes the processSalesOrder interface flow.
3. The processSalesOrder interface flow creates a sales order in the JD Edwards EnterpriseOne system.

## Integration Architecture for the Sales Quote Creation Process

This diagram illustrates the processes of creating quote orders in the PeopleSoft Enterprise system and creating corresponding quote orders in the JD Edwards EnterpriseOne system:



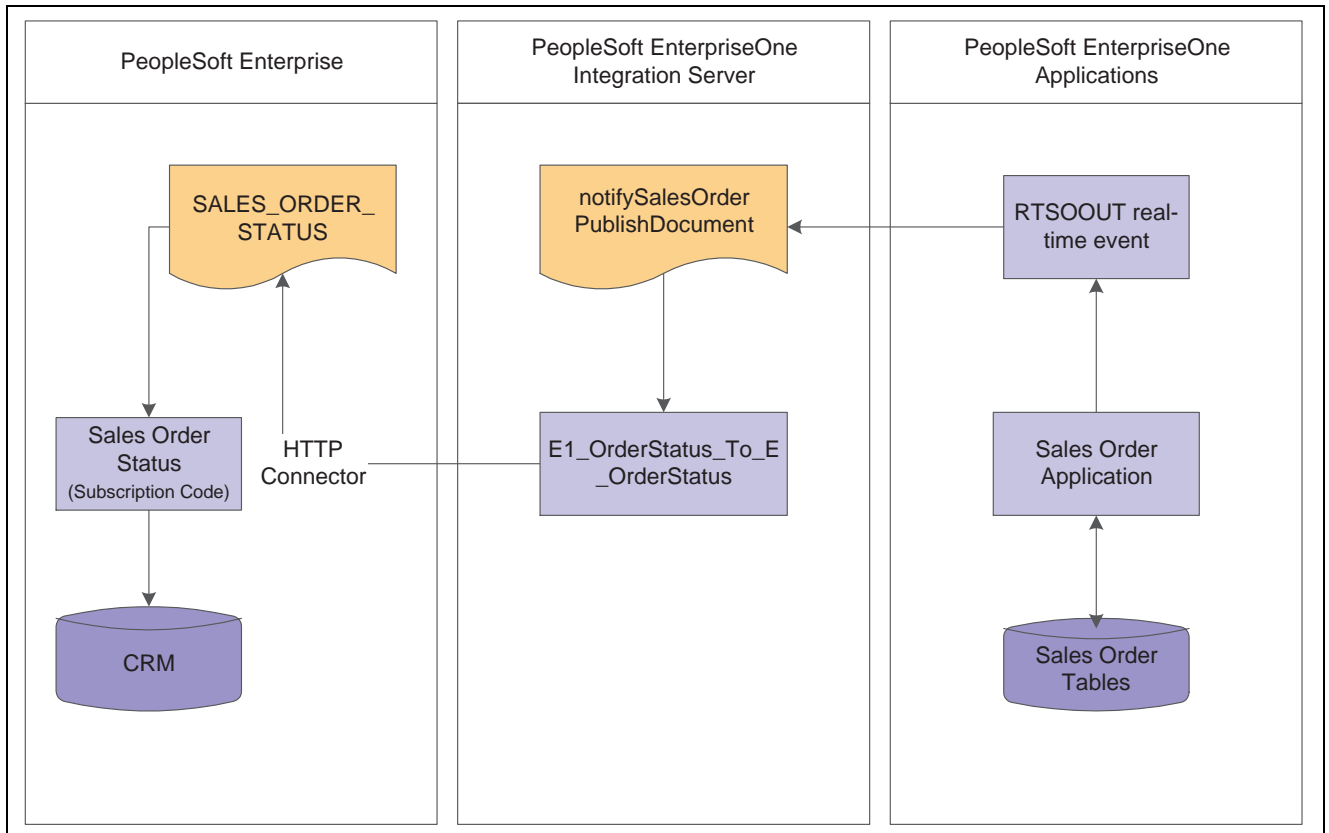
Quote to Sales Order Process

Sending quotes from the PeopleSoft Enterprise system to create sales orders in the JD Edwards EnterpriseOne system consists of these steps:

1. A quote is created in PeopleSoft Enterprise CRM, which generates the CRM\_QUOTE message.
2. The Integration Server listens for the EIP message and triggers the E\_SalesQuote\_To\_E1\_SalesQuote flow, which invokes the processSalesOrder interface flow.
3. The processSalesOrder interface flow creates a quote order in the JD Edwards EnterpriseOne system.

## Integration Architecture for the Sales Order Status Update Process

This diagram illustrates the process of sending sales order status updates from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system:



Sales Order Status process

Sending sales order status updates from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system consists of these steps:

1. A status change takes place in the JD Edwards EnterpriseOne system and triggers the RTSOOUT real-time event, which generates the notifySalesOrderPublish Document adapter notification service.
2. The Integration Server listens for the adapter notification service and triggers the E1\_OrderStatus\_To\_E\_OrderStatus flow, which generates the SALES\_ORDER\_STATUS message and sends it to the PeopleSoft Enterprise Integration Broker using the dispatcher.

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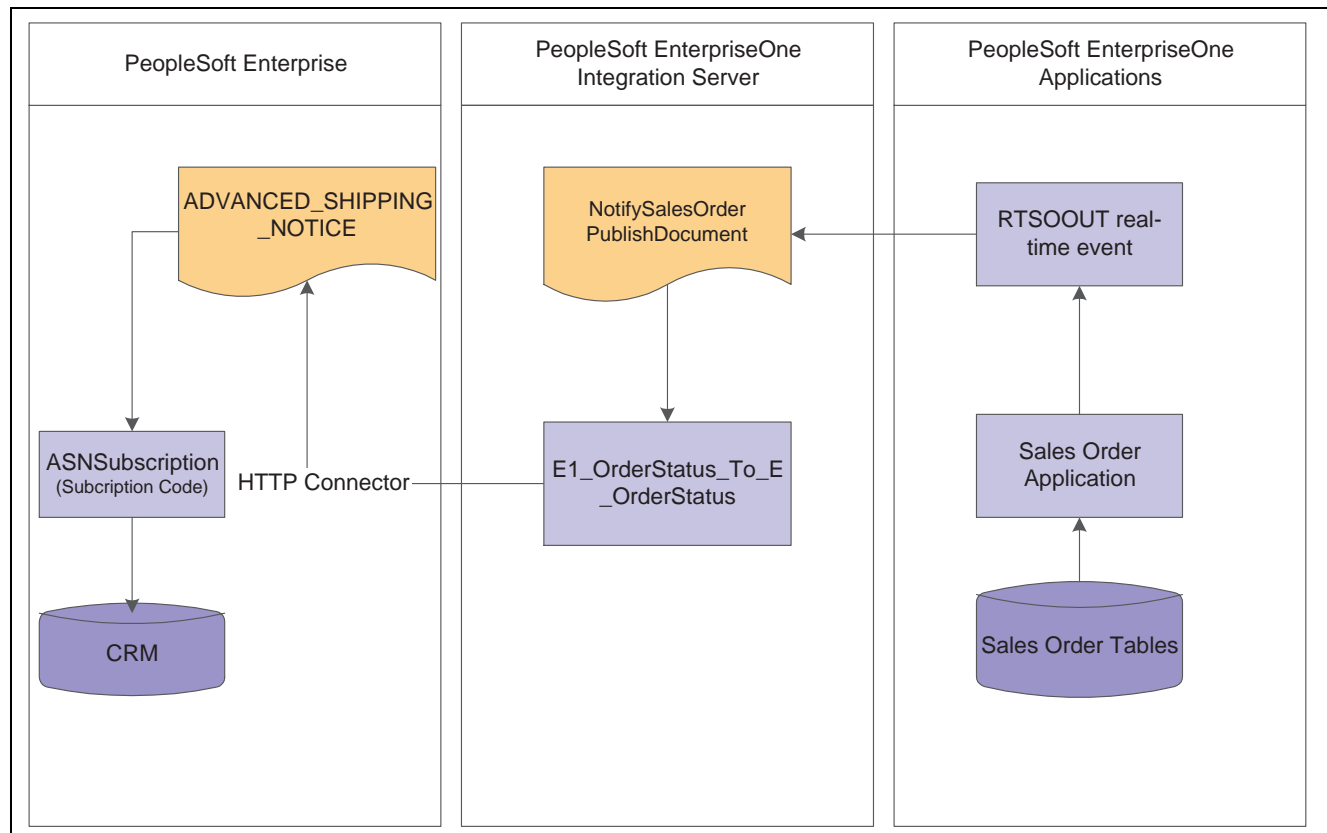
**Note.** The E1\_OrderStatus\_To\_E\_OrderStatus flow can generate the SALES\_ORDER\_STATUS message, the ADVANCED\_SHIPPING\_NOTICE message, or both, depending on the data in the RTSOOUT real-time event.

---

3. The Integration Broker listens for messages to automatically update statuses.

## Integration Architecture for the Advanced Shipment Notice Process

This diagram illustrates the process of sending advanced shipment notices from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system:



Advanced Shipment Notice process

Sending advanced shipment notices from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system consists of these steps:

1. A JD Edwards EnterpriseOne user runs the Shipment Confirmation program (R4205) to verify that the inventory has left the warehouse, which triggers the RTSOOUT real-time event, which generates the NotifySalesOrderPublishDocument adapter notification service.
2. The Integration Server listens for the adapter notification service and triggers the E1\_OrderStatus\_To\_E\_OrderStatus flow, which generates the ADVANCED\_SHIPPING\_NOTICE message and sends it to the PeopleSoft Enterprise Integration Broker using the dispatcher.

---

**Note.** The E1\_OrderStatus\_To\_E\_OrderStatus flow can generate the SALES\_ORDER\_STATUS message, the ADVANCED\_SHIPPING\_NOTICE message, or both, depending on the data in the RTSOOUT real-time event.

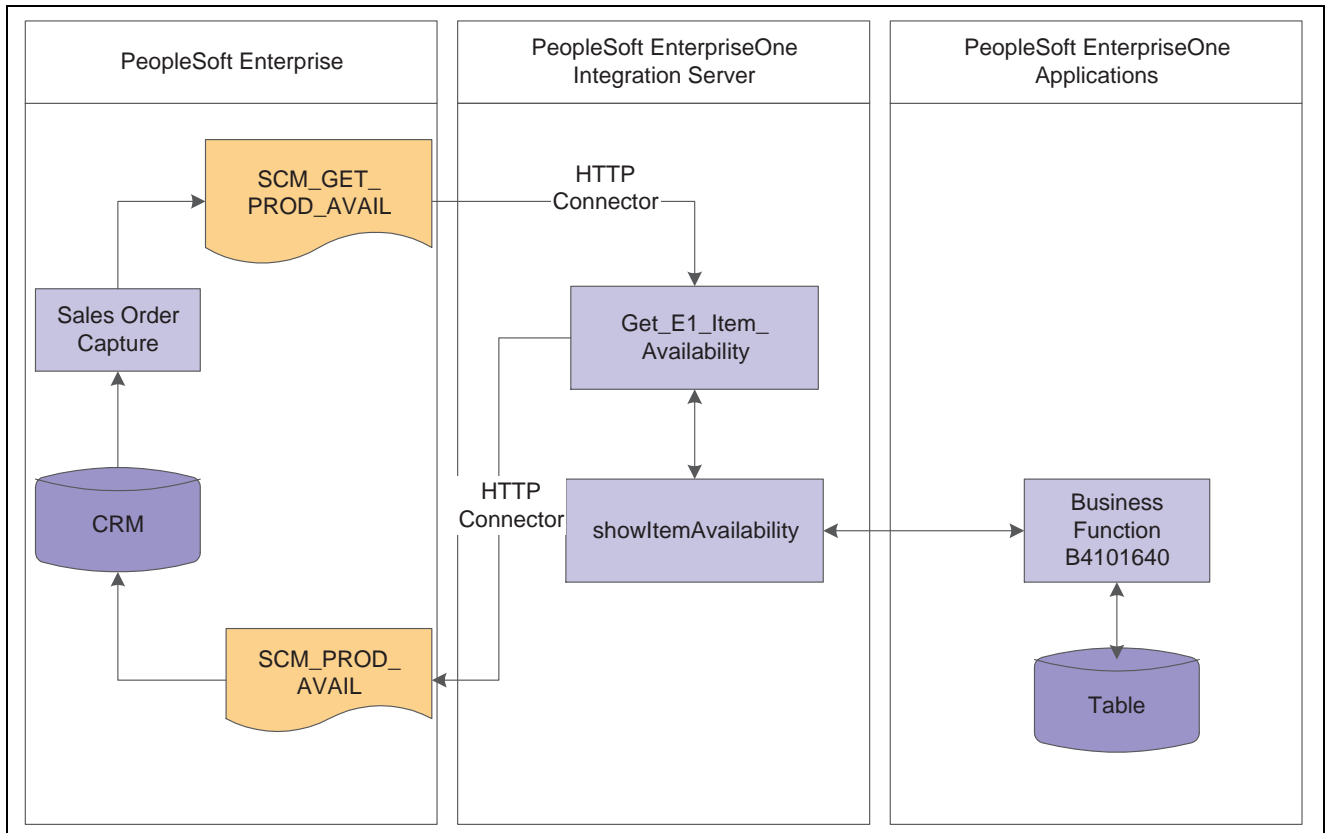
---

3. The Integration Broker uses the message to create a corresponding shipment record in the PeopleSoft Enterprise system.

## Integration Architecture for the Get Item Availability Process

This diagram illustrates the process of retrieving item availability information from the JD Edwards EnterpriseOne system in the PeopleSoft Enterprise system:





Get Item Availability Integration process

The retrieval of item availability information from the JD Edwards EnterpriseOne system is initiated manually in the PeopleSoft Enterprise system. It consists of these steps:

1. A PeopleSoft Enterprise user requests item information from the JD Edwards EnterpriseOne system, which publishes the SCM\_GET\_PROD\_AVAIL message.
2. The Integration Server listens for the EIP message and triggers the Get\_E1\_Item\_Availability flow, which invokes the getItemAvailability interface flow to request item availability information from the JD Edwards EnterpriseOne system.
3. The getItemAvailability interface flow returns item availability information back to the Get\_E1\_Item\_Availability flow.
4. The Get\_E1\_Item\_Availability flow generates the SCM\_PROD\_AVAIL message and sends it to the Integration Broker using the dispatcher.
5. The Integration Broker uses the message to display item availability information in the PeopleSoft Enterprise system.

## Integration Points

This section lists integration points for:

- Initial batch loads
- Incremental synchronizations

- Transactions

## Integration Points for Initial Batch Loads

This table lists the integration points used by the CRM Order Capture integration for the initial batch loads of data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system:

PeopleSoft Enterprise Message Name	Integration Flow	JD Edwards EnterpriseOne Object/Event	Description
CUST_COMPANY_FULLSYNC CUST_SITE_FULLSYNC	E1_Customer_To_E_Company_And_Site	Customer Master Batch Load (R8903F0301)	Batch load of customers from the JD Edwards EnterpriseOne system to companies and sites in the PeopleSoft Enterprise system.
CONTACT_FULLSYNC_EFF	E1_Contact_To_E_Contact	Contacts Batch Load (R8901F0111)	Batch load of contacts (who's who information) from the JD Edwards EnterpriseOne system to contacts in the PeopleSoft Enterprise system.
ITEM_CRM_FULLSYNC_EFF PRODUCT_FULLSYNC	E1_Item_To_E_Item_Product	Item Master Batch Load (R8941F4101)	Batch load of items from the JD Edwards EnterpriseOne system to items and products in the PeopleSoft Enterprise system.
PRODUCT_FULLSYNC	E1_List_Price_To_E_Product	Item Base Price Batch Load (R8945F4106)	Batch load of base prices from the JD Edwards EnterpriseOne system to items and products in the PeopleSoft Enterprise system.

## Integration Points for Incremental Synchronizations

This table lists the integration points used by the CRM Order Capture integration for the incremental synchronization of data between the JD Edwards EnterpriseOne system and the PeopleSoft Enterprise system:

<b>PeopleSoft Enterprise Message Name</b>	<b>Integration</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
CUST_COMPANY_SYNC	E1_Customer_To_E_Company	notifyCustomer PublishDocument	Incremental synchronization of customers from the JD Edwards EnterpriseOne system to companies in the PeopleSoft Enterprise system.
CUST_SITE_SYNC	E1_Customer_To_E_Site	notifyCustomer PublishDocument	Incremental synchronization of customers from the JD Edwards EnterpriseOne system to sites in the PeopleSoft Enterprise system.
CUST_COMPANY_SYNC	E_Company_To_E1_Customer	processCustomer	Incremental synchronization of companies from the PeopleSoft Enterprise system to customers in the JD Edwards EnterpriseOne system.
CUST_SITE_SYNC	E_Site_To_E1_Customer	processCustomer	Incremental synchronization of sites from the PeopleSoft Enterprise system to customers in the JD Edwards EnterpriseOne system.
CONTACT_SYNC	E_Contact_To_E1_Contact	processContact	Incremental synchronization of contacts from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system.

<b>PeopleSoft Enterprise Message Name</b>	<b>Integration</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
ITEM_CRM_SYNC_EFF PRODUCT_SYNC	E1_Item_To_E_Item_Product	notifyItemMasterEvent PublishDocument	Incremental synchronization of items from items from the JD Edwards EnterpriseOne system to items and products in the PeopleSoft Enterprise system.
PRODUCT_SYNC	E1_List_Price_To_E_Product	notifySalesListPrice PublishDocument	Incremental synchronization of base prices from the JD Edwards EnterpriseOne system to items and products in the PeopleSoft Enterprise system.

## Integration Points for Transactions

This table lists the integration points used by the CRM Order Capture integration for the transfer of transactional data between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system:

<b>PeopleSoft Enterprise Message Name</b>	<b>Integration</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
CRM_SALES_ORDER	E_SalesOrder_To_E1_SalesOrder	processSalesOrder	Sends a sales order from PeopleSoft Enterprise CRM Order Capture to the JD Edwards EnterpriseOne system and creates a corresponding sales order in the JD Edwards EnterpriseOne system.
CRM_QUOTE	E_SalesQuote_To_E1_SalesQuote	processSalesOrder	Sends a quote from PeopleSoft Enterprise CRM Order Capture to the JD Edwards EnterpriseOne system and creates a corresponding quote order in the JD Edwards EnterpriseOne system.
SALES_ORDER_STATUS	E1_OrderStatus_To_E_OrderStatus	notifySalesOrder PublishDocument	Sends a sales order status update from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.

<b>PeopleSoft Enterprise Message Name</b>	<b>Integration</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
ADVANCED_SHIPPING_NOTICE	E1_OrderStatus_To_E_OrderStatus	notifySalesOrder PublishDocument	Sends a sales order shipment notice from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise CRM.
SCM_GET_PROD_AVAIL	Get_E1_Item_Availability	getItemAvailability	Process the request and response on the item availability information from the JD Edwards EnterpriseOne system in the PeopleSoft Enterprise system.



## CHAPTER 23

# Setting Up the PeopleSoft Enterprise CRM Order Capture with JD Edwards EnterpriseOne Integration

This chapter discusses how to:

- Set up the CRM Order Capture integration in PeopleSoft Enterprise CRM.
- Set up the CRM Order Capture integration in the JD Edwards EnterpriseOne Integration Server.

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## Setting Up the CRM Order Capture Integration in PeopleSoft Enterprise CRM

This section lists prerequisites and discusses how to:

- Activate message channels for the CRM Order Capture integration.
- Activate messages for the CRM Order Capture integration.
- Set up integration transactions for the CRM Order Capture integration.
- Activate message subscriptions for the CRM Order Capture integration.
- Set up outbound customer messages.
- Set up the fulfillment node.
- Set up header status mappings for the fulfillment node.
- Set up line status mappings for the fulfillment node.

---

**Note.** You must also set up autonumbering in the PeopleSoft Enterprise web application for sales orders, sales quotes, and copied orders. The integration supports only Order Capture IDs that are generated with autonumbering.

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See *PeopleSoft Enterprise CRM 8.9 Order Capture Applications Implementation Guide*

### Prerequisites

Before you complete the tasks discussed here to set up the integration environment in PeopleSoft Enterprise CRM:

- Set up the local gateway in the PeopleSoft CRM database.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Local Gateway, page 17.](#)

- Activate the PSFT\_E1 node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Nodes, page 18.](#)

- Identify the properties and provide a designated URL for the PSFT\_E1 node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Node Definitions, page 18.](#)

## Pages Used to Set Up the CRM Order Capture Integration in PeopleSoft Enterprise CRM

Access these pages in the PeopleSoft Enterprise CRM database.

Page Name	Object Name	Navigation	Usage
Market Installation Options	RB_MKT_CTL_TBL	Set Up CRM, Install, Market Installation Options	Set up customer and site messages outbound from CRM.
Integration Definitions	RO_DEFN_INTEGRATE	Set Up CRM, Product Related, Order Capture, Integration Workbench	Set up the JD Edwards EnterpriseOne system as the fulfillment node.
Header Status Mappings	RO_DEFN_HDSTMAP	Click the Header Status Mappings link on the Integration Definitions page.	Set up header status mappings for the fulfillment node.
Line Status Mappings	RO_DEFN_LNSTMAP	Click the Line Status Mappings link on the Integration Definitions page.	Set up line status mappings for the fulfillment node.

## Activating Message Channels for the CRM Order Capture Integration

Verify that these message channels listed have a message channel status of *Run*:

- ADVANCED\_SHIPPING\_NOTICE
- CRM\_ORDER\_STATUS
- CUSTOMER
- PRODUCT
- ITEM\_MAINTENANCE\_CRM\_EFF
- SALES\_ORDER\_LOAD
- SALES\_ORDER\_STATUS
- PROCESS\_SCHEDULER



See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Channels, page 17.](#)

## Activating Messages for the CRM Order Capture Integration

Verify that these messages are active:

- ADVANCED\_SHIPPING\_NOTICE
- CONTACT\_FULLSYNC\_EFF
- CONTACT\_SYNC
- CRM\_QUOTE
- CRM\_SALES\_ORDER
- CUST\_COMPANY\_FULLSYNC
- CUST\_COMPANY\_SYNC
- CUST\_SITE\_FULLSYNC
- CUST\_SITE\_SYNC
- ITEM\_CRM\_FULLSYNC\_EFF
- ITEM\_CRM\_SYNC\_EFF
- PRODUCT\_FULLSYNC
- PRODUCT\_SYNC
- SALES\_ORDER\_STATUS
- SCM\_GET\_ORD\_STATUS
- SCM\_GET\_PROD\_AVAIL

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Messages, page 17.](#)

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**Note.** You must ensure that the process scheduler is running in order to publish a sales order or quote message for integration. You must also ensure that the Sold To customer and Sold To contact have primary email addresses specified on the Customer and Contact pages.

---

## Setting Up Integration Transactions for the CRM Order Capture Integration

You must activate these nodes and their associated transactions:

Node Name	Transaction Name	Version	Transaction Type	Routing Type
PSFT_E1	ADVANCED_SHIPPING_NOTICE	VERSION_1	InAsync	N/A
PSFT_E1	CONTACT_FULLSYNC_EFF	VERSION_RB_1	InAsync	N/A
PSFT_E1	CONTACT_SYNC	VERSION_RB_1	OutAsync	Implicit

Node Name	Transaction Name	Version	Transaction Type	Routing Type
PSFT_E1	CRM_QUOTE	VERSION_1	OutAsync	Implicit
PSFT_E1	CRM_SALES_ORDER	VERSION_1	OutAsync	Implicit
PSFT_E1	CUST_COMPANY_ FULLSYNC	VERSION_STD	InAsync	N/A
PSFT_E1	CUST_COMPANY_ SYNC	VERSION_STD	InAsync	N/A
PSFT_E1	CUST_COMPANY_ SYNC	VERSION_STD	OutAsync	Implicit
PSFT_E1	CUST_SITE_ FULLSYNC	VERSION_STD	InAsync	N/A
PSFT_E1	CUST_SITE_SYNC	VERSION_STD	OutAsync	Implicit
PSFT_E1	CUST_SITE_SYNC	VERSION_STD	InAsync	N/A
PSFT_E1	ITEM_CRM_ FULLSYNC_EFF	VERSION_1	InAsync	N/A
PSFT_E1	ITEM_CRM_SYNC_ EFF	VERSION_1	InAsync	N/A
PSFT_E1	PRODUCT_FULLSYNC	VERSION_1	InAsync	N/A
PSFT_E1	PRODUCT_SYNC	VERSION_1	InAsync	N/A
PSFT_E1	SALES_ORDER_ STATUS	VERSION_1	InAsync	N/A
PSFT_E1	SCM_GET_PROD_ AVAIL	VERSION_1	OutSync	Implicit

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Integration Transactions, page 19.](#)

## Activating Message Subscriptions for the CRM Order Capture Integration

Verify that these message subscriptions are active:

EIP Message	Subscription Name
ADVANCED_SHIPPING_NOTICE	ASNSubscription
CONTACT_FULLSYNC_EFF	ContactFullSync
CONTACT_SYNC	ContactSync

EIP Message	Subscription Name
CUST_COMPANY_FULLSYNC	CustCompanyFullSync
CUST_COMPANY_SYNC	CustCompanySync
CUST_SITE_FULLSYNC	CustSiteFullSync
CUST_SITE_SYNC	CustSiteSync
ITEM_CRM_FULLSYNC_EFF	ItemCRMFullSyncEffSub
ITEM_CRM_SYNC_EFF	ItemCRMSyncEffBODSub
PRODUCT_FULLSYNC	ProductFullSync
PRODUCT_SYNC	ProdSync2
SALES_ORDER_STATUS	SalesOrderStatus

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Subscriptions, page 19.](#)

## Setting Up Outbound Customer Messages

Access the Market Installation Options page.

**Market Installation Options**

Market: Global

**Market Installation Options** Customize Find First 1-2 of 2 Last

*Market Control Code	Description	Option Activated
CDMINTFC	CDM Interface Records	<input checked="" type="checkbox"/>
CRCARD	Credit Card Information	<input type="checkbox"/>

Save Return to Search Add Update/Display

Market Installation Options page

1. Search and select the Market value *Global*.
2. Select the Option Activated check box for CDM Interface Records.
3. Click Save.

## Setting Up the Fulfillment Node

Access the Integration Definitions page.

## Integration Definitions

### Workbench

Save Refresh Clone Search Next Previous Workbench Personalize

Description SHARE Integration values SetID SHARE

This workbench allows users to view a summary of all the integration tables required for the Order Capture application. Click the details link to add or update specific setup data.

#### Workbench Details

\*Description

SHARE Integration values

\*Status Refresh Interval

60

\*Fulfillment Node

PSFT\_E1

#### Workbench Steps

Details	Progress
1: Integration Definitions	4 of 4 required fields completed.
<a href="#">2: Header Status Mappings</a>	9 Header Status Mappings
<a href="#">3: Line Status Mappings</a>	27 Line Status Mappings
<a href="#">4: Source Mappings</a>	1 Source Mappings

Modified

06/01/2005 9:31AM PDT

PS

Integration Definitions page

**Fulfillment Node** Enter *PSFT\_E1*.

## Setting Up Header Status Mappings for the Fulfillment Node

Access the Header Status Mappings page.

**Integration Definitions**

**Header Status Mappings**

**Workbench**

Save | Refresh | Clone | Search | Next | Previous | Workbench | Personalize

**Description** SHARE Integration values **SetID** SHARE

**Header Status Mappings**

Customize | Find | First | 1-9 of 9 | Last

	Node Name	External Status	*CRM Status	Description	*Partial Status	Description		
1	PSFT_E1	C	6000	Complete	6000	Complete	+	-
2	PSFT_E1	H	3500	Fulfillment Hold	3500	Fulfillment Hold	+	-
3	PSFT_E1	O	2000	In Fulfillment	2000	In Fulfillment	+	-
4	PSFT_E1	X	1	Canceled	1	Canceled	+	-
5	PSFT_EP	C	6000	Complete	6000	Complete	+	-
6	PSFT_EP	H	3500	Fulfillment Hold	3500	Fulfillment Hold	+	-
7	PSFT_EP	O	2000	In Fulfillment	2000	In Fulfillment	+	-
8	PSFT_EP	P	500	New	500	New	+	-
9	PSFT_EP	X	1	Canceled	1	Canceled	+	-

Header Status Mappings page

Set up the header status mappings for the PSFT\_E1 node as shown in this table:

External Status	CRM Status	Partial Status
C	6000	6000
H	3500	3500
O	2000	2000
X	1	1

## Setting Up Line Status Mappings for the Fulfillment Node

Access the Line Status Mappings page.

**Integration Definitions**

**Line Status Mappings**

**Workbench**

Save Refresh Clone Search Next Previous Workbench Personalize

Description SHARE Integration values SetID SHARE

**Line Status Mappings** Customize Find First 1-27 of 27 Last

	Node Name	External Status	*CRM Status	Description	*Partial Status	Description		
1	PSFT_E1	B	2000	Backordered	2100	Partially Backordered	+	-
2	PSFT_E1	C	6000	Shipped	6100	Partially Shipped	+	-
3	PSFT_E1	H	3500	Fulfillment Hold	3500	Fulfillment Hold	+	-
4	PSFT_E1	K	5000	Picked	5100	Partially Picked	+	-
5	PSFT_E1	O	4000	In Fulfillment	4100	Partially In Fulfillment	+	-
6	PSFT_E1	S	6000	Shipped	6100	Partially Shipped	+	-
7	PSFT_E1	X	1	Canceled	1	Canceled	+	-

Line Status Mappings page

Set up the line status mappings for the PSFT\_E1 node as shown in this table:

External Status	CRM Status	Partial Status
<i>B</i>	<i>2000</i>	<i>2100</i>
<i>C</i>	<i>6000</i>	<i>6100</i>
<i>H</i>	<i>3500</i>	<i>3500</i>
<i>K</i>	<i>5000</i>	<i>5100</i>
<i>O</i>	<i>4000</i>	<i>4100</i>
<i>S</i>	<i>6000</i>	<i>6100</i>
<i>X</i>	<i>1</i>	<i>1</i>

## Setting Up the CRM Order Capture Integration in the Integration Server

This section lists a prerequisite and discusses how to:

- Set up adapter services for the CRM Order Capture integration.
- Enable JD Edwards EnterpriseOne Adapter Listener Notifications for the CRM Order Capture integration.
- Set up integration options for the CRM Order Capture integration.

## Prerequisite

Enable the JD Edwards EnterpriseOne Adapter and the JD Edwards EnterpriseOne Adapter Listener. Enabling the adapter consists of enabling the JD Edwards EnterpriseOne connection and the corresponding Events connection.

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter, page 23.](#)

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter Listener, page 23.](#)

## Setting Up Adapter Services for the CRM Order Capture Integration

You must supply connection properties for PSFT\_CRM\_JDBCAdapterServices. This service allows the integration to perform queries on the PeopleSoft Enterprise database.

You must also supply connection properties for PSFT\_JDBCAdapterServices. This service allows the integration to perform queries on the JD Edwards EnterpriseOne WSG Cross-Reference database.

See *JD Edwards EnterpriseOne 8.96 Web Services Gateway Installation and Setup Guide*.

## Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the CRM Order Capture Integration

Enable the Listener and these Listener Notifications within the PSFT\_JD Edwards EnterpriseOne\_AdapterServices package:

- AdapterServices.Notification.Inventory:notifyItemMasterEvent
- AdapterServices.Notification.Sales:notifySalesListPrice
- AdapterServices.Notification.Customer:notifyCustomer
- AdapterServices.Notification.Sales:notifySalesOrder

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling JD Edwards EnterpriseOne Adapter Listener Notifications, page 23.](#)

## Setting Up Integration Options for the CRM Order Capture Integration

This section lists integration options used by multiple integration points as well as the integration options for these integration points:

- Customers, companies, and sites.
- Contacts
- Inventory information.
- Get item availability transaction.
- Sales quote transaction.
- Sales order transaction.
- Order status transaction.

## Integration Options Used by Multiple Integration Points

Multiple integration points used in the CRM Order Capture integration require these integration options:

Navigation	Integration Option	Usage
PSFT_Dispatcher.Outbound	Address for Transport	<p>Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).</p> <p>The system uses the value from this integration option if the Transaction Transport Address option for the specific flow does not contain a value. If you are using one gateway for all pillars, you can set up the transport address at this level (PPI) so that you don't have to set it for each flow.</p> <p>This value is an example:  <i>http://machinename:port/PSIGW/HttpListeningConnector.</i></p>
PSFT_Dispatcher.Outbound	Transport	<p>Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>HTTP</i> or <i>JMS</i>).</p> <p>The system uses the value from this integration option if the Transaction Transport option for the specific flow does not contain a value. If you are using one gateway for all pillars, you can set up the transport at this level (PPI) so that you don't have to set it for each flow.</p> <p>The default value is <i>http</i>.</p>



Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_CRM	From Node	<p>Specify the JD Edwards EnterpriseOne node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_HR</i>.</p> <p>This value is used only when sending a message to PeopleSoft Enterprise. For flows that originate in PeopleSoft Enterprise, this value is used to send a success or error response back to PeopleSoft Enterprise.</p>
PSFT_JD Edwards EnterpriseOne_CRM	To Node	<p>Specify the PeopleSoft Enterprise node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_E1</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>

### Customers, Companies, and Sites

The integration options described in this section are used by one or more of these flows:

- PSFT\_JD Edwards EnterpriseOne\_CRM/InitialBatchLoads/Customer/E1\_Customer\_To\_E\_Company\_And\_Site
- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Customer/E\_Company\_To\_E1\_Customer
- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Customer/E\_Site\_To\_E1\_Customer
- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Customer/E1\_Customer\_To\_E\_Company
- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Customer/E1\_Customer\_To\_E\_Site

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	AddressCMPurposeType	<p>Specify the address purpose type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is <i>43</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Address CM type	<p>Specify the address type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is <i>1</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Address Sub Type	<p>Specify the type of record to process in PeopleSoft Enterprise CRM. PeopleSoft Enterprise CRM requires an address type, which is used internally.</p> <p>The default value is <i>ADDR</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer:E_Company_To_E1_ Customer  PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer:E_Site_To_E1_Customer	Address Book MBF Processing Version	<p>Specify the version of the Address Book MBF program (P0100041) to use when creating address book records in the JD Edwards EnterpriseOne system from PeopleSoft Enterprise company records.</p> <p>The default value is <i>ZJDE0001</i>.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Company	<p>Specify the default company to send from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise CRM. This value is required because this integration does not support line of business.</p> <p>The default value is <i>00000</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Company Search Type	Specify the search type used in the JD Edwards EnterpriseOne system to identify companies in the Address Book.  The default value is <i>C</i> .  This integration option is used by all flows that involve JD Edwards EnterpriseOne customers.
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer:E_Company_To_E1_ Customer  PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer:E_Site_To_E1_Customer	Customer Master MBF Version	Specify the version of the Customer Master MBF - PO program (P0100042) to use when creating customer records in the JD Edwards EnterpriseOne system from PeopleSoft Enterprise company records.  The default value is <i>ZJDE0001</i> .
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer:E1_Customer_To_E_ Company	Default Company SetID	Specify the default setID for company entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Default Currency Code	Specify the currency code to send to PeopleSoft Enterprise CRM when a customer is added or changed in the JD Edwards EnterpriseOne system and the currency code for that customer is blank. PeopleSoft Enterprise CRM requires a currency code.  The default value is <i>USD</i> .  This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer:E1_Customer_To_E_ Company	Directory From Location - E1	Specify the directory that contains the f03012batchload.txt file that is generated by the Customer Master Batch Load program (R8903F0301).  This value is an example: <i>\\machinename\pyexport</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Email CM type	<p>Specify the email type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is 4.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Name Type	<p>Specify the primary name type for companies or sites in PeopleSoft Enterprise CRM. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is <i>PREFERRED</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Phone CM type	<p>Specify the phone type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is 2.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Role Type Id 1 for Adding Company	<p>Specify the type of record to process for companies in PeopleSoft Enterprise CRM. This value is required by PeopleSoft Enterprise CRM and applies to Company and Site records. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is 40.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Role Type Id Customer	<p>Specify the type of record to process for customers in PeopleSoft Enterprise CRM. This value is required by PeopleSoft Enterprise CRM so that JD Edwards EnterpriseOne customer records can be processed in PeopleSoft Enterprise CRM as companies. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is 2.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Role Type Id Site	<p>Specify the type of record to process for sites in PeopleSoft Enterprise CRM. This value is required by PeopleSoft Enterprise CRM so that JD Edwards EnterpriseOne customer records can be processed in PeopleSoft Enterprise CRM as sites. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is 3.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Role Type Id, Bill To	<p>Specify the company or site role type. This value is used internally by PeopleSoft CRM to identify the type of record.</p> <p>The default value is 43.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Role Type Id, Ship To	<p>Specify the company or site role type. This value is used internally by PeopleSoft CRM to identify the type of record.</p> <p>The default value is 41.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Role Type Id, SoldTo	<p>Specify the company or site role type. This value is used internally by PeopleSoft CRM to identify the type of record.</p> <p>The default value is <i>42</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Site Search Type	<p>Specify the search type used in the JD Edwards EnterpriseOne system to identify sites in the Address Book.</p> <p>The default value is <i>ST</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne sites.</p>
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E1_Customer_To_E_Company	Transaction Transport	<p>Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>HTTP</i> or <i>JMS</i>).</p> <p>The default value is <i>http</i>.</p>
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E1_Customer_To_E_Company	Transport Address	<p>Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).</p> <p>This value is an example:  <i>http://machinename:port/PSIGW/HttpListeningConnector.</i></p>

## Contacts

The integration options described in this section are used by one or more of these flows:

- PSFT\_JD Edwards EnterpriseOne\_CRM/InitialBatchLoads/Customer/E1\_Contact\_To\_E\_Contact
- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Customer/E1\_Contact\_To\_E\_Contact
- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Customer/E\_Contact\_To\_E1\_Contact

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Address CM Purpose Type	<p>Specify the address purpose type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is <i>43</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Address CM type	<p>Specify the address type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is <i>1</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, InitialBatchLoads, Customer:E1_Contact_To_E_Contact	Default Contact SetID	<p>Specify the default setID for contacts.</p> <p>This value is an example: <i>SHARE</i>.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, InitialBatchLoads, Customer:E1_Contact_To_E_Contact	Directory From Location - E1	<p>Specify the directory that contains the f0111batchload.txt file that is generated by the Contacts Batch Load program (R8901F0111).</p> <p>This value is an example: <i>\\machinename\pyexport</i>.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Email CM type	<p>Specify the email type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is <i>4</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Name Type	<p>Specify the primary name type for companies or sites in PeopleSoft Enterprise CRM. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is <i>PREFERRED</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Phone CM type	Specify the phone type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.  The default value is 2.  This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E_Contact_To_E1_Contact	Repeat Count for Contacts	Specify the number of times that the integration will retry to send contact information when both a company and contact are added in PeopleSoft Enterprise CRM. When both a company and contact are added, the flow needs to wait to add the contact until the customer is added in the JD Edwards EnterpriseOne system.
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E_Contact_To_E1_Contact	Role Type Id - Contact	Specify the role type for contacts as defined in PeopleSoft Enterprise CRM.
PSFT_JD Edwards EnterpriseOne_CRM, InitialBatchLoads, Customer:E1_Contact_To_E_Contact	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>HTTP</i> or <i>JMS</i> ).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_CRM, InitialBatchLoads, Customer:E1_Contact_To_E_Contact	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E_Contact_To_E1_Contact	Wait Time for Contact (in seconds)	Specify a timeout value in seconds that the integration will wait before trying to resend contact information when both a company and contact are added in PeopleSoft Enterprise CRM. When both a company and contact are added, the flow needs to wait to add the contact until the customer is added in the JD Edwards EnterpriseOne system.

## Inventory Information

The integration options in this section are used by the one or more of these flows:



- PSFT\_JD Edwards EnterpriseOne\_CRM/InitialBatchLoads/Inventory/E1\_Item\_To\_E\_Item\_Product
- PSFT\_JD Edwards EnterpriseOne\_CRM/InitialBatchLoads/Inventory/E1\_List\_Price\_To\_E\_Product
- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Inventory/E1\_Item\_To\_E\_Item\_Product
- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Inventory/E1\_List\_Price\_To\_E\_Product

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_CRM	Default SetID	Specify the default setID for item product entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_CRM, InitialBatchLoads, Inventory, E1_Item_To_E_Item_Product  PSFT_JD Edwards EnterpriseOne_CRM, InitialBatchLoads, Inventory, E1_List_Price_To_E_Product	Directory From Location - E1	Specify the directory that contains the f41011batchload.txt file that is generated by the Item Master Batch Load program (R8941F4101).  This value is an example: <i>\\machinename\pyexport</i> .
PSFT_JD Edwards EnterpriseOne_CRM	List Price Product SetID	Specify the default setID for list price product entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_CRM	Number of repeat tries	Specify the number of times that the integration will retry to send product price information after sending product unit of measure information. The product unit of measure information must be received before the product price information can be sent.
PSFT_JD Edwards EnterpriseOne_CRM	Number of seconds to wait before next repeat	Specify a timeout value in seconds that the integration will wait before trying to resend send product price information after sending product unit of measure information. The product unit of measure information must be received before the product price information can be sent.
PSFT_JD Edwards EnterpriseOne_CRM	Processing Version E1	Specify the version of the Item Master application (P4101) add items in the JD Edwards EnterpriseOne system.  The default value is <i>ZJDE0001</i> .
PSFT_JD Edwards EnterpriseOne_CRM, InitialBatchLoads, Inventory, E1_Item_To_E_Item_Product  PSFT_JD Edwards EnterpriseOne_CRM, InitialBatchLoads, Inventory, E1_List_Price_To_E_Product	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>HTTP</i> or <i>JMS</i> ).  The default value is <i>http</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_CRM, InitialBatchLoads, Inventory, E1_Item_To_E_Item_Product  PSFT_JD Edwards EnterpriseOne_CRM, InitialBatchLoads, Inventory, E1_List_Price_To_E_Product	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>
PSFT_JD Edwards EnterpriseOne_CRM	Valid Stocking Types for Products only	Specify the stocking types for sellable products that are not inventoried in the JD Edwards EnterpriseOne system.  List stocking types separated by the pipe symbol ( ).
PSFT_JD Edwards EnterpriseOne_CRM	Valid Stocking Type for Items/Products	Specify the stocking types for sellable items with related products that are inventoried in JD Edwards EnterpriseOne. List stocking types separated by the pipe symbol ( ).  This value is an example: <i>S P N</i>
PSFT_JD Edwards EnterpriseOne_CRM	Wait Time for Product Batch Loads (in seconds)	Specify the number of seconds that the integration will wait before trying to send product information after sending item information from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise CRM. The item information must be received before the product information can be sent.  The default value is <i>60</i> .

### Get Item Availability Transaction

The integration options described in this section are used by the PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Inventory/Get\_E1\_Item\_Availability flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Inventory:Get_E1_Item_Availability	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>HTTP</i> or <i>JMS</i> ).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Inventory:Get_E1_Item_Availability	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector</i> .

### Sales Quote Transaction

The integration option described in this section is used by the PSFT\_JD Edwards EnterpriseOne\_CRM.RealTimeDataSyncs.OrderManagement.E\_SalesQuote\_To\_E1\_SalesQuote flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, OrderManagement, E_SalesQuote_ To_E1_SalesQuote	Processing Version E1	Specify the version of the Sales Order Entry program (P4210) to use in the PeopleSoft Enterprise system for quote orders that originate in PeopleSoft Enterprise CRM.  The default value is <i>ZJDE0003</i> .

### Sales Order Transaction

The integration option described in this section is used by the PSFT\_JD Edwards EnterpriseOne\_CRM.RealTimeDataSyncs.OrderManagement.E\_SalesOrder\_To\_E1\_SalesOrder flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, OrderManagement, E_SalesOrder_ To_E1_SalesOrder	Processing Version E1	Specify the version of the Sales Order Entry program (P4210) to use in the JD Edwards EnterpriseOne system for sales orders that originate in PeopleSoft Enterprise CRM.  The default value is <i>ZJDE0003</i> .

### Order Status Transaction

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_CRM.RealTimeDataSyncs.OrderManagement.E1\_OrderStatus\_To\_E\_OrderStatus flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, OrderManagement, E1_OrderStatus_ To_E_OrderStatus	Set ID - E	Specify the default setID for sales orders.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, OrderManagement, E1_OrderStatus_ To_E_OrderStatus	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>HTTP</i> or <i>JMS</i> ).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, OrderManagement, E1_OrderStatus_ To_E_OrderStatus	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector</i> .
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, OrderManagement, E1_OrderStatus_ To_E_OrderStatus	Hold Code Status E	Specify the status to assign to sales orders in the JD Edwards EnterpriseOne system to sales orders that have a hold status in PeopleSoft Enterprise CRM.  The default value is <i>H</i> .

## See Also

Chapter 4, “Setting Up Integrations in the Integration Server,” Setting Up Integration Options and Cross References, page 24

## CHAPTER 24

# Setting Up Prerequisite Data for the CRM Order Capture Integration

This chapter discusses how to:

- Set up manual data for the CRM Order Capture integration.
- Load master data for the CRM Order Capture integration.
- Set up cross-references for the CRM Order Capture integration.

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## Setting Up Manual Data for the CRM Order Capture Integration

You must manually set up specific corresponding data in both JD Edwards EnterpriseOne and in PeopleSoft Enterprise CRM.

### Setting Up Manual Data in PeopleSoft Enterprise CRM

Enter these JD Edwards EnterpriseOne code values manually in PeopleSoft Enterprise CRM:

PeopleSoft Enterprise Data	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Data	JD Edwards EnterpriseOne Navigation
Industries	Set Up CRM, Common Definitions, Customer, Industries	Standard Industry Code	User defined code table 01/SC
Currency Codes	Set Up CRM, Common Definitions, Currency, Currency Code	Currency Codes	Currency Codes table (F0013)
States	Set Up CRM, Common Definitions, Location, State	State and Province Codes	User defined code table 00/S
Regions	Set Up CRM, Common Definitions, Location, Region Codes	County Codes	User defined code table 00/CT
Countries	Set Up CRM, Common Definitions, Location, Country	Country Codes	User defined code table 00/CN
Units of Measure	Items CRM, Units of Measure	Units of Measure	User defined code table 00/UM

PeopleSoft Enterprise Data	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Data	JD Edwards EnterpriseOne Navigation
Stock Types	Items CRM, Stock Types	Stocking Type Codes	User defined code table 41/I
Payment Terms	Set Up CRM, Common Definitions, Customer, Payment Terms	Payment Terms	Payment Terms table (F0014)

## Setting Up Manual Data in JD Edwards EnterpriseOne

Enter these PeopleSoft Enterprise CRM code values manually in JD Edwards EnterpriseOne:

PeopleSoft Enterprise Data	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Data	JD Edwards EnterpriseOne Navigation
Phone Purpose Type	Set Up CRM, Common Definitions, Customer, Contact Method PurposeType  Search on Contact Method ID 2 to see the required phone codes that you must set up in UDC 01/PH.	Phone Types	User defined code table 01/PH
Email Purpose Type	Set Up CRM, Common Definitions, Customer, Contact Method PurposeType  Search on Contact Method ID 4 to see the required email codes that you must set up in UDC 01/ET.	Electronic Address Types	User defined code table 01/ET

**Note.** Phone Types and Electronic Address Types from PeopleSoft Enterprise CRM must be set up manually in JD Edwards EnterpriseOne in addition to being set up as code cross-references.

## Loading Master Data for the CRM Order Capture Integration

This section provides overviews of the process of loading JD Edwards EnterpriseOne data into PeopleSoft Enterprise tables and of the incremental synchronization of master data for the CRM Order Capture integration, lists prerequisites, and discusses how to:

- Set processing options for Item Master Batch Load (R8941F4101).
- Set processing options for Item Base Price Batch Load (R8945F4106).
- Set processing options for Customer Master Batch Load (R8903F0301).
- Set processing options for Contacts Batch Load (R8901F0111).
- Run batch integrations in the Integration Server for the CRM Order Capture Integration.

## Understanding the Loading JD Edwards EnterpriseOne Data into PeopleSoft Enterprise Tables for the CRM Order Capture Integration

Perform initial loading of this JD Edwards EnterpriseOne data to corresponding PeopleSoft Enterprise tables:

- Items
- Item Prices
- Customers

This table describes the initial data loads that you must perform:

Table Conversion Program	Flat File Name	Integration Flow	PeopleSoft Enterprise Message
Item Master Batch Load (R8941F4101)	f4101batchload.txt	PSFT_JD Edwards EnterpriseOne_CRM. InitialBatchLoads.Inventory. E1_Item_To_E_Item_Product. convert_ItemMaster_To_ItemProduct	ITEM_CRM_FULLSYNC_EFF PRODUCT_FULLSYNC
Item Base Price Batch Load (R8945F4106)	f4106batchload.txt	PSFT_JD Edwards EnterpriseOne_CRM. InitialBatchLoads.Inventory. E1_List_Price_To_E_Product. convert_ListPrice_To_ProductPrice	PRODUCT_FULLSYNC
Customer Master Batch Load (R8903F0301)	f03012batchload.txt	PSFT_JD Edwards EnterpriseOne_CRM. InitialBatchLoads. Customer. E1_Customer_To_E_Company_and_Site. convert_E1_Customer_To_E_Company_and_Site	CUST_COMPANY_FULLSYNC CUST_SITE_FULLSYNC
Contacts Batch Load (R8901F0111)	f0111batchload.txt	PSFT_JD Edwards EnterpriseOne_CRM. InitialBatchLoads. Customer. E1_Contact_To_E_Contact. convert_E1_Contact_To_E_Contact	CONTACT_FULLSYNC_EFF

**Note.** The previous JD Edwards EnterpriseOne table conversion programs generate flat files and place them in a folder called Export in the \B9\package\_name\ directory in which the JD Edwards EnterpriseOne system was installed.

### Item Master Batch Load

This initial batch load sends items from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise CRM.

The system maintains item data in the JD Edwards EnterpriseOne system.

You can add or change item data in the JD Edwards EnterpriseOne system and it is integrated to the PeopleSoft Enterprise system. Additions or changes to items in the PeopleSoft Enterprise system are not integrated to the JD Edwards EnterpriseOne system, however.

You must add item unit of measure conversions manually in PeopleSoft Enterprise CRM.

To identify salable products that the system inventories, set up the integration option Family:Inventory:PPI:E1\_Item\_To\_E\_Item\_Product:Stocking Types Items/Products. This option defines the stocking type the system uses to define whether an item or product is added in PeopleSoft Enterprise CRM.

To identify salable products that the system does not inventory, set up the integration option Family:Inventory:PPI:E1\_Item\_To\_E\_Item\_product:Stocking Types Products only. This option defines the stocking type the system uses to define whether an item or product is added in PeopleSoft Enterprise CRM.

The integration will filter any JD Edwards EnterpriseOne item stocking types that are not listed in the integration options.

You will have to perform manual dual maintenance in the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system to specify whether an item is obsolete once it has been integrated. This maintenance will ensure that the item and product in PeopleSoft Enterprise CRM are synchronized. The integration currently does not have any way of determining the item's previous stocking type. In other words, it cannot detect the change of a valid stocking type to a filtered stocking type.

### **Item Base Price Batch Load**

This initial batch load sends item prices from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise CRM.

The system maintains all order pricing in PeopleSoft Enterprise CRM.

You can add or change item price data in the JD Edwards EnterpriseOne system and those changes are sent to the PeopleSoft Enterprise system. Additions or changes to item price data in the PeopleSoft Enterprise system are not sent to the JD Edwards EnterpriseOne system, however.

To establish pricing and sales units of measure, you must enter item unit of measure conversions manually in PeopleSoft Enterprise CRM.

### **Customer Master Batch Load**

This initial batch load sends JD Edwards EnterpriseOne customers to PeopleSoft Enterprise CRM as companies or sites, depending on the search type of the customer record in the JD Edwards EnterpriseOne system and the search types for companies and sites specified in the integration options.

You can add or change a company or site in either PeopleSoft Enterprise CRM or the JD Edwards EnterpriseOne system. The integration ensures that site data is synchronized between the two systems.

The system integrates only the primary address in PeopleSoft Enterprise CRM into the JD Edwards EnterpriseOne system.

The system integrates only the primary name in PeopleSoft Enterprise CRM into the JD Edwards EnterpriseOne system.

You cannot delete companies or sites in PeopleSoft Enterprise CRM. However, you can specify them as inactive. If you mark a company or site as inactive, the system updates the JD Edwards EnterpriseOne customer record with a search type of X, which designates the customer as inactive.

The system determines the PeopleSoft Enterprise CRM purchasing option based on the JD Edwards EnterpriseOne billing address type:



Company or Site	JD Edwards EnterpriseOne Billing Address Type	PeopleSoft Enterprise CRM Purchasing Option
Company	<i>B</i>	<i>BillTo,</i> <i>SoldTo</i>
Company	<i>S</i>	<i>ShipTo</i>
Company	<i>X</i>	<i>BillTo, SoldTo, ShipTo</i>
Site	<i>B</i>	<i>BillTo,</i> <i>ShipTo</i>
Site	<i>S</i>	<i>ShipTo</i>
Site	<i>X</i>	<i>BillTo, SoldTo, ShipTo</i>

The PeopleSoft Enterprise CRM purchasing option is determined in the same way during the incremental synchronizations of JD Edwards EnterpriseOne customers to PeopleSoft Enterprise companies or PeopleSoft Enterprise sites.

During the incremental synchronization of PeopleSoft Enterprise companies to JD Edwards EnterpriseOne customers, the system determines the JD Edwards EnterpriseOne billing address type based on the PeopleSoft Enterprise CRM purchasing option:

PeopleSoft Enterprise CRM Purchasing Option	JD Edwards EnterpriseOne Billing Address Type for
<i>Sold To</i>	<i>B</i>
<i>Bill To</i>	<i>B</i>
<i>Ship To</i>	<i>S</i>
<i>SoldTo,</i> <i>BillTo</i>	<i>B</i>
<i>SoldTo,</i> <i>ShipTo</i>	<i>X</i>
<i>BillTo,</i> <i>ShipTo</i>	<i>X</i>
<i>SoldTo,</i> <i>BillTo,</i> <i>ShipTo</i>	<i>X</i>
blank	<i>X</i>

---

**Note.** If the PeopleSoft Enterprise CRM purchasing option is not set to *SoldTo*, *ShipTo* or *BillTo*, the system specifies the JD Edwards EnterpriseOne billing address type to *X* by default.

---

During the incremental synchronization of PeopleSoft Enterprise sites to JD Edwards EnterpriseOne customers, the JD Edwards EnterpriseOne billing address type is *S* regardless of the PeopleSoft Enterprise CRM purchasing option.

### Contacts Batch Load

This initial batch load sends JD Edwards EnterpriseOne contacts to PeopleSoft Enterprise CRM. You can add or change contact information in the JD Edwards EnterpriseOne system and that should be loaded into PeopleSoft Enterprise CRM when this integration is run.

## Understanding the Incremental Synchronization of Master Data for the CRM Order Capture Integration

After you have initially loaded master data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system, you may need to sync up additions or changes to master data that occur in the JD Edwards EnterpriseOne system.

Incremental sync integrations run automatically when you add, change, or delete an JD Edwards EnterpriseOne item or item cost record; when you add or change a supplier, ship to location, or unit of measure conversion; or when you add an JD Edwards EnterpriseOne account.

This table describes the incremental syncs provided in this integration:

JD Edwards EnterpriseOne Real-time Event	Published Interface Document	Integration Service Flow	PeopleSoft Enterprise Message
RTCMOUT	notifyCustomerPublishDocument	PSFT_JD Edwards EnterpriseOne_CRM.ns. PSFT_JD Edwards EnterpriseOne_CRM.RealTimeDataSyncs.Customer.E1_Customer_To_E_Company.convert_E1_Customer_To_E_Company	CUST_COMPANY_SYNC
RTCMOUT	notifyCustomerPublishDocument	PSFT_JD Edwards EnterpriseOne_CRM.ns. PSFT_JD Edwards EnterpriseOne_CRM.RealTimeDataSyncs.Customer.E1_Customer_To_E_Site.convert_E1_Customer_To_E_Site	CUST_SITE_SYNC
N/A	ProcessCustomer	PSFT_JD Edwards EnterpriseOne_CRM.ns. PSFT_JD Edwards EnterpriseOne_CRM.RealTimeDataSyncs.Customer.E_Company_To_E1_Customer.convert_E_Company_To_E1_Customer	CUST_COMPANY_SYNC

<b>JD Edwards EnterpriseOne Real-time Event</b>	<b>Published Interface Document</b>	<b>Integration Service Flow</b>	<b>PeopleSoft Enterprise Message</b>
N/A	ProcessCustomer	PSFT_JD Edwards EnterpriseOne_CRM.ns. PSFT_JD Edwards EnterpriseOne_CRM.RealTimeDataSyncs.Customer.E_Site_To_E1_Customer.convert_E_Site_To_E1_Customer	CUST_SITE_SYNC
N/A	processContact	PSFT_JD Edwards EnterpriseOne_CRM.ns. PSFT_JD Edwards EnterpriseOne_CRM.RealTimeDataSyncs.Customer.E_Contact_To_E1_Contact.convert_E_Contact_To_E1_Contact	CONTACT_SYNC
RTIMOUT	notifyItemMasterEvent PublishDocument	PSFT_JD Edwards EnterpriseOne_CRM.ns. PSFT_JD Edwards EnterpriseOne_CRM.RealTimeDataSyncs.Inventory.E1_Item_To_E_Item_Product.convert_E1_Item_To_E_Item_Product	ITEM_CRM_SYNC_EFF PRODUCT_SYNC
RTLPOUT	notifySalesListPrice PublishDocument	PSFT_JD Edwards EnterpriseOne_CRM.ns. PSFT_JD Edwards EnterpriseOne_CRM.RealTimeDataSyncs.Inventory.E1_List_Price_To_E_Product.convert_E1_List_Price_To_E_Product_Price	PRODUCT_SYNC

## Prerequisites

Before you load the master data described in this section:

- Set up UTF-8 encoding in the JD Edwards EnterpriseOne system so that the flat files that are created by the table conversion problems will be encoded correctly.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Unicode Flat File Encoding, page 20.](#)

- Set up the export folder where the JD Edwards EnterpriseOne table conversions will create the flat files.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Export Folder for Table Conversions, page 20.](#)

- Activate real-time events in the JD Edwards EnterpriseOne system.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Realtime Events, page 20.](#)

## Setting Processing Options for Item Master Batch Load (R8941F4101)

Processing options enable you to specify the default processing for programs and reports.

### Default

These processing options enable you to select data and specify other defaults for the table conversion process.

**Date - From** Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Item Master table (F4101). If you leave this processing option blank, the table conversion selects all records in table F4101.

For the initial load of items, leave this processing option blank to select all business units.

**Time - From** Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from table F4101.

For the initial load of items, leave this processing option blank to select all business units.

**Stocking Type** Specify the stocking type for nonstock transactions.

## Setting Processing Options for Item Base Price Batch Load (R8945F4106)

Processing options enable you to specify the default processing for programs and reports.

### Default

These processing options enable you to select data and specify other defaults for the table conversion process.

**Date - From** Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Item Base Price File table (F4106). If you leave this processing option blank, the table conversion selects all records in table F4106 regardless of date.

For the initial load of items base prices, leave this processing option blank to select all records.

**Time - From** Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from table F4106.

For the initial load of items, leave this processing option blank to select all records.

**Branch/Plant** Specify the branch plant that the table conversion uses to select records from the table F4106. If you leave this processing option blank, the table conversion selects records for all branch plants.

**Currency Code** Specify the default currency of the item price records.

## Setting Processing Options for Customer Master Batch Load (R8903F0301)

Processing options enable you to specify the default processing for programs and reports.

### Default

These processing options enable you to select data for the table conversion process.

- 1. Date - From**

Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Item Base Price File table (F4106). If you leave this processing option blank, the table conversion selects all records in table F4106 regardless of date.

For the initial load of items base prices, leave this processing option blank to select all records.
- 2. Time - From**

Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from table F4106.

For the initial load of items, leave this processing option blank to select all records.

## Setting Processing Options for Contacts Batch Load (R8901F0111)

Processing options enable you to specify the default processing for programs and reports.

### Default

These processing options enable you to select data for the table conversion process.

- From - Date**

Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Address Book - Who's Who table (F0111). If you leave this processing option blank, the table conversion selects all records in table F0111 regardless of date.

For the initial load of items base prices, leave this processing option blank to select all records.
- Time - Last Updated**

Specify the beginning time of a valid time range. This processing option works with the From - Date processing option to build the data selection that the table conversion uses to select records from table F0111.

For the initial load of items, leave this processing option blank to select all records.

## Running Batch Integrations in the Integration Server for the CRM Order Capture Integration

Schedule these batch load flow services to run once or repeatedly. If you schedule the services to run repeatedly, ensure that you run the associated table conversion before the flow service is scheduled to run.

Service	Navigation
convert_ItemMaster_To_ItemProduct	PSFT_JD Edwards EnterpriseOne_ CRM.ns.PSFT_JD Edwards EnterpriseOne_CRM.InitialBatchLoads.Inventory
convert_List_Price_To_Product_Price	PSFT_JD Edwards EnterpriseOne_ CRM.ns.PSFT_JD Edwards EnterpriseOne_CRM.InitialBatchLoads.Inventory
convert_E1_Customer_To_E_Company_And_Site	PSFT_JD Edwards EnterpriseOne_ CRM.ns.PSFT_JD Edwards EnterpriseOne_CRM.InitialBatchLoads.Customer
convert_E1_Contact_To_E_Contact	PSFT_JD Edwards EnterpriseOne_ CRM.ns.PSFT_JD Edwards EnterpriseOne_CRM.InitialBatchLoads.Customer

## Setting Up Cross-References for the CRM Order Capture Integration

This section provides an overview of key cross-references for the CRM Order Capture integration and discusses how to:

- Set up key cross-references for the CRM Order Capture integration.
- Set up code cross-references for the CRM Order Capture integration.

### Understanding Key Cross-References for the CRM Order Capture Integration

Key cross-references enable the system to reconcile the values that are used in the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system and to keep a record of the values that are integrated.

The integration requires that these key cross-references be set up in the JD Edwards EnterpriseOne WSG cross-reference database. The system creates these key cross-references during integration processing; no initial setup is required:

Application ID	Object ID	Comments
E-CRM	contact	The system creates this key cross-reference during the initial load of JD Edwards EnterpriseOne contacts to PeopleSoft Enterprise contacts. The Contact (PERSON_ID) in the PeopleSoft Enterprise system is cross-referenced to the address book number (AN8) and contact ID (IDLN) in the JD Edwards EnterpriseOne system.

Application ID	Object ID	Comments
E-CRM	customer	The system creates this key cross-reference during the initial load of JD Edwards EnterpriseOne customers to PeopleSoft Enterprise companies or during the initial load of PeopleSoft Enterprise companies to JD Edwards EnterpriseOne customers. The database key for Company (BO_ID) in the PeopleSoft Enterprise system is cross-referenced to the customer's address book number (AN8) in the JD Edwards EnterpriseOne system.
E-CRM	electronicaddress	The system creates this key cross-reference during the initial load of JD Edwards EnterpriseOne customers to PeopleSoft Enterprise companies or sites, during the initial load of PeopleSoft Enterprise companies or sites to JD Edwards EnterpriseOne customers, and during the initial load of JD Edwards EnterpriseOne contacts to PeopleSoft Enterprise contacts. The database key for company or site (BO_ID), the database key for electronic address (PROFILE_CM_SEQ), and the effective date (EFFDT) from the PeopleSoft Enterprise system are cross-referenced to the address book number (AN8), contact ID (IDLN), and email line number (RCK7) in the JD Edwards EnterpriseOne system.
E-CRM	phonenumber	The system creates this key cross-reference during the initial load of JD Edwards EnterpriseOne customers to PeopleSoft Enterprise companies or sites, during the initial load of PeopleSoft Enterprise companies or sites to JD Edwards EnterpriseOne customers, and during the initial load of JD Edwards EnterpriseOne contacts to PeopleSoft Enterprise contacts. The database key for company or site (BO_ID), the database key for phone (PROFILE_CM_SEQ), and the effective date (EFFDT) in the PeopleSoft Enterprise system are cross-referenced to the address book number (AN8), contact ID (IDLN), and phone line number (RCK7) in the JD Edwards EnterpriseOne system.

Application ID	Object ID	Comments
E-CRM	salesorder	The system creates this key cross-reference during the integration of sales orders or quote orders from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system. The sales or quote order number (CAPTURE_ID) and sales or quote order type (CAPTURE_TYPE_CD) from the PeopleSoft Enterprise system are cross-referenced to the document number (DOCO), document type (DCTO), and document company (KCOO) in the JD Edwards EnterpriseOne system. The JD Edwards EnterpriseOne company is determined by the business unit.
E-CRM	salesorderlinenumber	The system creates this key cross-reference during the integration of sales orders or quote orders from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system. The sales or quote order number (CAPTURE_ID), sales or quote order type (CAPTURE_TYPE_CD), and line number (LINE_NBR) from the JD Edwards EnterpriseOne system are cross-referenced to the document number (DOCO), document type (DCTO), document company (KCOO), and line number (LNID) in the JD Edwards EnterpriseOne system.
E-CRM	site	The system creates this key cross-reference during the initial load of JD Edwards EnterpriseOne customers to PeopleSoft Enterprise companies or during the initial load of PeopleSoft Enterprise companies to JD Edwards EnterpriseOne customers. The database key for site (BO_ID) in the PeopleSoft Enterprise system is cross-referenced to the customer's address book number (AN8) in the JD Edwards EnterpriseOne system.

## Setting Up Key Cross-References for the CRM Order Capture Integration

You must set up this key cross-reference in the JD Edwards EnterpriseOne WSG Cross-Reference database:



Application ID	Object ID	Native Key	Canonical Key
E-CRM	businessunit	Values from Business Unit (BUSINESS_UNIT).	Values from Business Unit (MCU) in the Business Unit Master table (F0006).

For example, you might set up this value in the atc\_xref table:

Application ID	Object ID	Native Key	Canonical Key	Latch Closed
E-CRM	businessunit	US001	000000000030	N

## Setting Up Code Cross-References for the CRM Order Capture Integration

The system uses code cross-references to reconcile differences in the way that certain types of information are formatted in the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.

You must set up these code cross-references in the JD Edwards EnterpriseOne WSG Cross-Reference database:

Application ID	Object ID	Native Code	Canonical Code
E-CRM	alternateaddresstype	Values from Address Type (CM_PURPOSE_TYPE_ID).	Alternate Address Type (ATYPE) values from UDC
E-CRM	electronicaddresstype	Values from Email Purpose Type (CM_PURPOSE_TYPE_ID).	Electronic Address Type (ETP) values from UDC 01/ET.
E-CRM	gender	Values for the Gender Types (SEX).	Gender values from UDC 01/GD.
E-CRM	phonenumbertype	Values from Phone Purpose Type (CM_PURPOSE_TYPE_ID).	Phone Number Type (PHTP) values from UDC 01/PH.
E-CRM	statuscode	Order Schedule Status (ORD_SCHED_STATUS) values: <ul style="list-style-type: none"> <li>• O</li> <li>• K</li> <li>• S</li> <li>• B</li> <li>• X</li> </ul>	Last Status (LTTR) values: <ul style="list-style-type: none"> <li>• 520</li> <li>• 540</li> <li>• 560</li> <li>• 900</li> <li>• 980</li> </ul>

For example, you might set up these values in the atc\_codes\_xref table:

Application ID	Object ID	Native Code	Canonical Code	Latch Closed
E-CRM	alternateaddresstype	HOME	32	N
E-CRM	electronicaddresstype	BUS	27	N
E-CRM	gender	1	M	N
E-CRM	phonenumbertype	BUSN	11	N
E-CRM	statuscode	O	520	N

## CHAPTER 25

# Using the PeopleSoft Enterprise CRM Order Capture with JD Edwards EnterpriseOne Integration

This chapter discusses:

- The order capture - add order process.
- The order capture - add quote process.
- Item availability checking.
- Sales order shipment processing.
- Sales order status updates.

---

### Understanding the Order Capture - Add Order Process

You create orders in PeopleSoft Enterprise CRM and submit them to the JD Edwards EnterpriseOne system.

After a sales order is submitted, it is integrated to the JD Edwards EnterpriseOne system. The order status codes are synchronized between the two products. However, all order changes must be performed in the JD Edwards EnterpriseOne system.

---

### Understanding the Order Capture - Add Quote Process

You can create a sales quote in PeopleSoft Enterprise CRM and integrate it with the JD Edwards EnterpriseOne system for further processing.

---

### Understanding Item Availability Checking

The integration enables you to check item availability when inquiring on orders in PeopleSoft Enterprise CRM. Item availability is maintained in the JD Edwards EnterpriseOne system.

---

## Understanding Sales Order Shipment Processing

After you create and submit an order in PeopleSoft Enterprise CRM, the order integrates to the JD Edwards EnterpriseOne system for complete sales order processing. If you have specified that you want to ship the order, the integration notifies PeopleSoft Enterprise CRM to begin the Advanced Shipping Notice process.

As an order processes through the JD Edwards EnterpriseOne system, the status codes change. The integration ensures that the status code changes are synchronized in real time to PeopleSoft Enterprise CRM.

---

## Understanding Sales Order Status Updates

As an order processes through the JD Edwards EnterpriseOne system, the status code changes. The integration ensures that the status code changes are synchronized in real time to PeopleSoft Enterprise CRM.

## **PART 7**

# **Integrating PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne**

### **Chapter 26**

**Understanding the PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne Integration**

### **Chapter 27**

**Setting Up the PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne Integration**

### **Chapter 28**

**Setting Up Prerequisite Data for the PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne Integration**

### **Chapter 29**

**Using the PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne Integration**



## CHAPTER 26

# Understanding the PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne Integration

This chapter provides overviews of the:

- Release levels
- Business process
- Integration points

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## Release Levels

This document supports the integration between JD Edwards EnterpriseOne 8.12 and PeopleSoft Enterprise 8.9 CRM.

---

## Business Process

You use the PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne integration to transfer order and pricing information from PeopleSoft Enterprise CRM to JD Edwards EnterpriseOne CRM. The integration synchronizes data and order information between the two systems in real time.

This integration is useful when you are using both the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system and would like to use the PeopleSoft Enterprise CRM solution with the JD Edwards EnterpriseOne supply chain management and manufacturing solutions.

The major tasks involved in the integration of PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne Sales Marketing are:

- Setting up integration options and code cross-referencing in the JD Edwards EnterpriseOne Web Service Gateway (WSG) soft-coding/cross-reference database.
- Setting up the integration in the PeopleSoft Enterprise database.
- Loading JD Edwards EnterpriseOne master data into PeopleSoft Enterprise tables.
- Synchronizing incremental changes in JD Edwards EnterpriseOne master data with the PeopleSoft Enterprise system.
- Importing leads from PeopleSoft Enterprise Marketing to JD Edwards EnterpriseOne Sales Force Automation.

You can leverage the integration between PeopleSoft Enterprise Marketing and JD Edwards EnterpriseOne in either of these two ways:

### Marketing to Net New Prospects and Existing Customers with Order Management

You can use the PeopleSoft Enterprise Marketing solution to convert prospects and existing customers to leads and then capture and fulfill resulting orders using JD Edwards EnterpriseOne Order Capture. The CRM Order Capture integration with JD Edwards EnterpriseOne Sales Order Management provides the ability for customers to pass those sales orders to their fulfillment branch plants or operating units for processing through shipment and billing.

Required modules for this solution are:

- PeopleSoft Enterprise Sales.
- PeopleSoft Enterprise Marketing.
- JD Edwards EnterpriseOne Order Fulfillment.
- PeopleSoft Enterprise CRM Order Capture integration with the JD Edwards EnterpriseOne system.

For this solution, you integrate JD Edwards EnterpriseOne customers and contacts with PeopleSoft Enterprise CRM companies, sites, and contacts.

---

**Important!** For this solution, you do *not* use JD Edwards EnterpriseOne Sales Force Automation to integrate leads.

---

### Marketing Only to Net New Prospects

You can assign leads generated in PeopleSoft Enterprise Marketing to business units using JD Edwards EnterpriseOne Sales Force Automation for management through the sales cycle. Using the import utility in PeopleSoft Enterprise Sales Force Automation, you can upload leads into the Lead Management application. From that point, sales teams are able to qualify those leads, convert them to opportunities, and then to quote or sales orders. Orders are managed and fulfilled through JD Edwards EnterpriseOne Sales Order Processing.

Required modules for this solution are:

- PeopleSoft Enterprise Marketing
- JD Edwards EnterpriseOne Sales Force Automation

---

**Important!** For this solution, you must *not* have the PeopleSoft Enterprise CRM Order Capture integration with the JD Edwards EnterpriseOne system installed and you must *not* integrate JD Edwards EnterpriseOne customers and contacts with PeopleSoft Enterprise CRM companies, sites, and contacts.

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### See Also

[Part 6, “Integrating PeopleSoft Enterprise CRM Order Capture with the JD Edwards EnterpriseOne System,” page 147](#)

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## Integration Points

This section lists integration points for:

- Initial batch loads.



- Incremental synchronizations.
- The import of leads.

## Integration Points for Initial Batch Loads

This table lists the integration points used by the CRM Marketing integration for the initial batch loads of data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system:

PeopleSoft Enterprise Message Name	Integration Flow	JD Edwards EnterpriseOne Object/Event	Description
CUST_COMPANY_FULLSYNC CUST_SITE_FULLSYNC	E1_Customer_To_E_Company_And_Site	Customer Master Batch Load (R8903F0301)	Batch load of customers from the JD Edwards EnterpriseOne system to companies and sites in the PeopleSoft Enterprise system.
CONTACT_FULLSYNC	E1_Contacts_To_E_Contacts	Contacts Batch Load (R8901F0111)	Batch load of contacts (who's who information) from the JD Edwards EnterpriseOne system to contacts in the PeopleSoft Enterprise system.

## Integration Points for Incremental Synchronizations

This table lists the integration points used by the CRM Marketing integration for the incremental synchronization of data between the JD Edwards EnterpriseOne system and the PeopleSoft Enterprise system:

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
CUST_COMPANY_SYNC	E1_Customer_To_E_Company	notifyCustomerPublishDocument	Incremental synchronization of customers from the JD Edwards EnterpriseOne system to companies in the PeopleSoft Enterprise system.
CUST_SITE_SYNC	E1_Customer_To_E_Site	notifyCustomerPublishDocument	Incremental synchronization of customers from the JD Edwards EnterpriseOne system to sites in the PeopleSoft Enterprise system.

<b>PeopleSoft Enterprise Message Name</b>	<b>Integration Service Flow</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
CUST_COMPANY_SYNC	E_Company_To_E1_Customer	processCustomer	Incremental synchronization of companies from the PeopleSoft Enterprise system to customers in the JD Edwards EnterpriseOne system.
CUST_SITE_SYNC	E_Site_To_E1_Customer	processCustomer	Incremental synchronization of sites from the PeopleSoft Enterprise system to customers in the JD Edwards EnterpriseOne system.
CONTACT_SYNC	E_Contacts_To_E1_Contacts	processContact	Incremental synchronization of contacts from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system.

## Integration Point for the Import of Leads

This table lists the integration point used by the CRM Marketing integration for the import of leads from PeopleSoft Enterprise Marketing to JD Edwards EnterpriseOne Sales Force Automation:

<b>PeopleSoft Enterprise Export Process</b>	<b>JD Edwards EnterpriseOne Import Process</b>	<b>Description</b>
Export Audience page (RA_EXPORT_AUDIENCE)	Import Leads program (P90CB015)	Export a CSV file containing leads from PeopleSoft Enterprise Marketing and import that file in the JD Edwards EnterpriseOne system.

## CHAPTER 27

# Setting Up the PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne Integration

This chapter discusses how to:

- Set up the CRM Marketing integration in PeopleSoft Enterprise CRM.
- Set up the CRM Marketing integration in the JD Edwards EnterpriseOne Integration Server.

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## Setting Up the CRM Marketing Integration in PeopleSoft Enterprise CRM

This section lists prerequisites and discusses how to:

- Activate message channels for the CRM Marketing integration.
- Activate messages for the CRM Marketing integration.
- Set up integration transactions for the CRM Marketing integration.
- Activate message subscriptions for the CRM Marketing integration.
- Set up outbound customer messages.

See *PeopleSoft Enterprise CRM 8.9 Order Capture Applications Implementation Guide*

### Prerequisites

Before you complete the tasks discussed here to set up the integration environment in PeopleSoft Enterprise CRM:

- Set up the local gateway in the PeopleSoft CRM database.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Local Gateway, page 17.](#)

- Activate the PSFT\_E1 node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Nodes, page 18.](#)

- Identify the properties and provide a designated URL for the PSFT\_E1 node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Node Definitions, page 18.](#)

## Page Used to Set Up the CRM Marketing Integration in PeopleSoft Enterprise CRM

Access this page in the PeopleSoft Enterprise CRM database.

Page Name	Object Name	Navigation	Usage
Market Installation Options	RB_MKT_CTL_TBL	Set Up CRM, Install, Market Installation Options	Set up customer and site messages outbound from CRM.

## Activating Message Channels for the CRM Marketing Integration

Verify that the CUSTOMER message channels has a message channel status of *Run*:

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Channels, page 17.](#)

## Activating Messages for the CRM Marketing Integration

Verify that these messages are active:

- CONTACT\_FULLSYNC
- CONTACT\_SYNC
- CUST\_COMPANY\_FULLSYNC
- CUST\_COMPANY\_SYNC
- CUST\_SITE\_FULLSYNC
- CUST\_SITE\_SYNC

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Messages, page 17.](#)

## Setting Up Integration Transactions for the CRM Marketing Integration

You must activate these nodes and their associated transactions:

Node Name	Transaction Name	Version	Transaction Type	Routing Type
PSFT_E1	CONTACT_FULLSYNC_EFF	VERSION_RB_1	InAsync	N/A
PSFT_E1	CONTACT_SYNC	VERSION_RB_1	OutAsync	Implicit
PSFT_E1	CUST_COMPANY_FULLSYNC	VERSION_STD	InAsync	N/A
PSFT_E1	CUST_COMPANY_SYNC	VERSION_STD	InAsync	N/A

Node Name	Transaction Name	Version	Transaction Type	Routing Type
PSFT_E1	CUST_COMPANY_SYNC	VERSION_STD	OutAsync	Implicit
PSFT_E1	CUST_SITE_FULLSYNC	VERSION_STD	InAsync	N/A
PSFT_E1	CUST_SITE_SYNC	VERSION_STD	OutAsync	Implicit
PSFT_E1	CUST_SITE_SYNC	VERSION_STD	InAsync	N/A

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Integration Transactions, page 19.](#)

## Activating Message Subscriptions for the CRM Marketing Integration

Verify that these message subscriptions are active:

EIP Message	Subscription Name
CONTACT_FULLSYNC	ContactFullSync
CONTACT_SYNC	ContactSync
CUST_COMPANY_FULLSYNC	CustCompanyFullSync
CUST_COMPANY_SYNC	CustCompanySync
CUST_SITE_FULLSYNC	CustSiteFullSync
CUST_SITE_SYNC	CustSiteSync

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Subscriptions, page 19.](#)

## Setting Up Outbound Customer Messages

Access the Market Installation Options page.

**Market Installation Options**

Market: Global

**Market Installation Options** Customize Find First 1-2 of 2 Last

*Market Control Code	Description	Option Activated
CDMINTFC	CDM Interface Records	<input checked="" type="checkbox"/>
CRCARD	Credit Card Information	<input type="checkbox"/>

Save Return to Search Add Update/Display

Market Installation Options page

1. Search and select the Market value *Global*.
2. Select the Option Activated check box for CDM Interface Records.
3. Click Save.

## Setting Up the CRM Marketing Integration in the Integration Server

This section lists a prerequisite and discusses how to:

- Set up adapter services for the CRM Marketing integration.
- Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the CRM Marketing integration.
- Set up integration options for the CRM Marketing integration.

### Prerequisite

Enable the JD Edwards EnterpriseOne Adapter and the JD Edwards EnterpriseOne Adapter Listener. Enabling the adapter consists of enabling the JD Edwards EnterpriseOne connection and the corresponding Events connection.

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter, page 23](#).

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter Listener, page 23](#).

### Setting Up Adapter Services for the CRM Marketing Integration

You must supply connection properties for PSFT\_CRM\_JDBCAdapterServices. This service allows the integration to perform queries on the PeopleSoft Enterprise database.

You must also supply connection properties for PSFT\_JDBCAdapterServices. This service allows the integration to perform queries on the JD Edwards EnterpriseOne WSG Cross-Reference database.

See *JD Edwards EnterpriseOne 8.96 Web Services Gateway Installation and Setup Guide*.

## Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the CRM Order Capture Integration

Enable the Listener and the AdapterServices.Notification.Customer:notifyCustomer Listener Notification within the PSFT\_JD Edwards EnterpriseOne\_AdapterServices package.

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling JD Edwards EnterpriseOne Adapter Listener Notifications, page 23](#).

## Setting Up Integration Options for the CRM Marketing Integration

This section lists integration options used by multiple integration points as well as the integration options for these integration points:

- Customers, companies, and sites.
- Contacts.

### Integration Options Used by Multiple Integration Points

Multiple integration points used in the CRM Marketing integration require these integration options:

Navigation	Integration Option	Usage
PSFT_Dispatcher.Outbound	Address for Transport	<p>Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).</p> <p>The system uses the value from this integration option if the Transaction Transport Address option for the specific flow does not contain a value. If you are using one gateway for all pillars, you can set up the transport address at this level (PPI) so that you don't have to set it for each flow.</p> <p>This value is an example:  <a href="http://machinename:port/PSIGW/HttpListeningConnector">http://machinename:port/PSIGW/HttpListeningConnector</a></p>

Navigation	Integration Option	Usage
PSFT_Dispatcher.Outbound	Transport	<p>Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>HTTP</i> or <i>JMS</i>).</p> <p>The system uses the value from this integration option if the Transaction Transport option for the specific flow does not contain a value. If you are using one gateway for all pillars, you can set up the transport at this level (PPI) so that you don't have to set it for each flow.</p> <p>The default value is <i>http</i>.</p>
PSFT_JD Edwards EnterpriseOne_CRM	From Node	<p>Specify the JD Edwards EnterpriseOne node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_HR</i>.</p> <p>This value is used only when sending a message to PeopleSoft Enterprise. For flows that originate in PeopleSoft Enterprise, this value is used to send a success or error response back to PeopleSoft Enterprise.</p>
PSFT_JD Edwards EnterpriseOne_CRM	To Node	<p>Specify the PeopleSoft Enterprise node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_E1</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>

## Customers, Companies, and Sites

The integration options in this section are used by the one or more of these flows:

- PSFT\_JD Edwards EnterpriseOne\_CRM/InitialBatchLoads/Customer/E1\_Customer\_To\_E\_Company\_And\_Site
- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Customer/E\_Company\_To\_E1\_Customer
- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Customer/E\_Site\_To\_E1\_Customer



- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Customer/E1\_Customer\_To\_E\_Company
- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Customer/E1\_Customer\_To\_E\_Site

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Address CM Purpose Type	<p>Specify the address purpose type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is <i>43</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Address CM type	<p>Specify the address type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is <i>1</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Address Sub Type	<p>Specify the type of record to process in PeopleSoft Enterprise CRM. PeopleSoft Enterprise CRM requires an address type, which is used internally.</p> <p>The default value is <i>ADDR</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E_Company_To_E1_Customer  PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E_Site_To_E1_Customer	Address Book MBF Processing Version	<p>Specify the version of the Address Book MBF program (P0100041) to use when creating address book records in the JD Edwards EnterpriseOne system from PeopleSoft Enterprise company records.</p> <p>The default value is <i>ZJDE0001</i>.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Company	<p>Specify the default company to send from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise CRM. This value is required because this integration does not support line of business.</p> <p>The default value is <i>00000</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Company Search Type	<p>Specify the search type used in the JD Edwards EnterpriseOne system to identify companies in the Address Book.</p> <p>The default value is <i>C</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer:E_Company_To_E1_ Customer  PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer:E_Site_To_E1_Customer	Customer Master MBF Version	<p>Specify the version of the Customer Master MBF - PO program (P0100042) to use when creating customer records in the JD Edwards EnterpriseOne system from PeopleSoft Enterprise company records.</p> <p>The default value is <i>ZJDE0001</i>.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer:E1_Customer_To_E_ Company	Default Company SetID	<p>Specify the default setID for company entries.</p> <p>This value is an example: <i>SHARE</i>.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Default Currency Code	<p>Specify the currency code to send to PeopleSoft Enterprise CRM when a customer is added or changed in the JD Edwards EnterpriseOne system and the currency code for that customer is blank. PeopleSoft Enterprise CRM requires a currency code.</p> <p>The default value is <i>USD</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E1_Customer_To_E_Company	Directory From Location - E1	Specify the directory that contains the f03012batchload.txt file that is generated by the Customer Master Batch Load program (R8903F0301).  This value is an example: <code>\\machine\pyexport.</code>
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Email CM type	Specify the email type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.  The default value is 4.  This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Name Type	Specify the primary name type for companies or sites in PeopleSoft Enterprise CRM. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.  The default value is <i>PREFERRED</i> .  This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Phone CM type	Specify the phone type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.  The default value is 2.  This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Role Type Id 1 for Adding Company	Specify the type of record to process for companies in PeopleSoft Enterprise CRM. This value is required by PeopleSoft Enterprise CRM and applies to Company and Site records. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.  The default value is 40.  This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Role Type Id Customer	<p>Specify the type of record to process for customers in PeopleSoft Enterprise CRM. This value is required by PeopleSoft Enterprise CRM so that JD Edwards EnterpriseOne customer records can be processed in PeopleSoft Enterprise CRM as companies. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is 2.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Role Type Id Site	<p>Specify the type of record to process for sites in PeopleSoft Enterprise CRM. This value is required by PeopleSoft Enterprise CRM so that JD Edwards EnterpriseOne customer records can be processed in PeopleSoft Enterprise CRM as sites. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.</p> <p>The default value is 3.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Role Type Id, Bill To	<p>Specify the company or site role type. This value is used internally by PeopleSoft CRM to identify the type of record.</p> <p>The default value is 43.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Role Type Id, Ship To	<p>Specify the company or site role type. This value is used internally by PeopleSoft CRM to identify the type of record.</p> <p>The default value is 41.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Role Type Id, SoldTo	<p>Specify the company or site role type. This value is used internally by PeopleSoft CRM to identify the type of record.</p> <p>The default value is <i>42</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.</p>
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Site Search Type	<p>Specify the search type used in the JD Edwards EnterpriseOne system to identify sites in the Address Book.</p> <p>The default value is <i>ST</i>.</p> <p>This integration option is used by all flows that involve JD Edwards EnterpriseOne sites.</p>
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E1_Customer_To_E_Company	Transaction Transport	<p>Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>HTTP</i> or <i>JMS</i>).</p> <p>The default value is <i>http</i>.</p>
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E1_Customer_To_E_Company	Transport Address	<p>Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).</p> <p>This value is an example:  <i>http://machinename:port/PSIGW/HttpListeningConnector</i>.</p>

## Contacts

The integration options in this section are used by the one or more of these flows:

- PSFT\_JD Edwards EnterpriseOne\_CRM/InitialBatchLoads/Customer/E1\_Contact\_To\_E\_Contact
- PSFT\_JD Edwards EnterpriseOne\_CRM/RealTimeDataSyncs/Customer/E\_Contact\_To\_E1\_Contact

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Address CM Purpose Type	Specify the address purpose type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.  The default value is <i>43</i> .  This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Address CM type	Specify the address type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.  The default value is <i>1</i> .  This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.
PSFT_JD Edwards EnterpriseOne_ CRM, InitialBatchLoads, Customer:E1_Contact_To_E_Contact	Default Contact SetID	Specify the default setID for contacts.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_ CRM, InitialBatchLoads, Customer:E1_Contact_To_E_Contact	Directory From Location - E1	Specify the directory that contains the f0111batchload.txt file that is generated by the Contacts Batch Load program (R8901F0111).  This value is an example: <i>\\machinename\pyexport</i> .
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Email CM type	Specify the email type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.  The default value is <i>4</i> .  This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.
PSFT_JD Edwards EnterpriseOne_ CRM, RealTimeDataSyncs, Customer	Name Type	Specify the primary name type for companies or sites in PeopleSoft Enterprise CRM. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.  The default value is <i>PREFERRED</i> .  This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer	Phone CM type	Specify the phone type. This value is used internally by PeopleSoft Enterprise CRM to identify the type of record.  The default value is 2.  This integration option is used by all flows that involve JD Edwards EnterpriseOne customers and sites.
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E_Contact_To_E1_Contact	Repeat Count for Contacts	Specify the number of times that the integration will retry to send contact information when both a company and contact are added in PeopleSoft Enterprise CRM. When both a company and contact are added, the flow needs to wait to add the contact until the customer is added in the JD Edwards EnterpriseOne system.
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E_Contact_To_E1_Contact	Role Type Id - Contact	Specify the role type for contacts as defined in PeopleSoft Enterprise CRM.
PSFT_JD Edwards EnterpriseOne_CRM, InitialBatchLoads, Customer:E1_Contact_To_E_Contact	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>HTTP</i> or <i>JMS</i> ).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_CRM, InitialBatchLoads, Customer:E1_Contact_To_E_Contact	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>
PSFT_JD Edwards EnterpriseOne_CRM, RealTimeDataSyncs, Customer:E_Contact_To_E1_Contact	Wait Time for Contact (in seconds)	Specify a timeout value in seconds that the integration will wait before trying to resend contact information when both a company and contact are added in PeopleSoft Enterprise CRM. When both a company and contact are added, the flow needs to wait to add the contact until the customer is added in the JD Edwards EnterpriseOne system.

## See Also

Chapter 4, “Setting Up Integrations in the Integration Server,” Setting Up Integration Options and Cross References, page 24





## CHAPTER 28

# Setting Up Prerequisite Data for the PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne Integration

This chapter discusses how to:

- Set up manual data for the CRM Marketing integration.
- Load master data for the CRM Marketing integration.
- Set up cross-references for the CRM Marketing integration.

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## Setting Up Manual Data for the CRM Marketing Integration

You must manually set up specific corresponding data in both JD Edwards EnterpriseOne and in PeopleSoft Enterprise CRM.

### Setting Up Manual Data in PeopleSoft Enterprise CRM

Enter these JD Edwards EnterpriseOne code values manually in PeopleSoft Enterprise CRM:

PeopleSoft Enterprise Data	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Data	JD Edwards EnterpriseOne Navigation
Industries	Set Up CRM, Common Definitions, Customer, Industries	Standard Industry Code	User defined code table (01/SC)
Currency Codes	Set Up CRM, Common Definitions, Currency, Currency Code	Currency Codes	Currency Codes table (F0013)
States	Set Up CRM, Common Definitions, Location, State	State and Province Codes	User defined code table (00/S)
Regions	Set Up CRM, Common Definitions, Location, Region Codes	County Codes	User defined code table (00/CT)

PeopleSoft Enterprise Data	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Data	JD Edwards EnterpriseOne Navigation
Countries	Set Up CRM, Common Definitions, Location, Country	Country Codes	User defined code table (00/CN)
Payment Terms	Set Up CRM, Common Definitions, Customer, Payment Terms	Payment Terms	Payment Terms table (F0014)

## Setting Up Manual Data in JD Edwards EnterpriseOne

Enter these PeopleSoft Enterprise CRM code values manually in JD Edwards EnterpriseOne:

PeopleSoft Enterprise Data	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Data	JD Edwards EnterpriseOne Navigation
Phone Purpose Type	Set Up CRM, Common Definitions, Customer, Contact Method PurposeType  Search on Contact Method ID 2 to see the required phone codes that you must set up in UDC 01/PH.	Phone Types	User defined code table 01/PH
Email Purpose Type	Set Up CRM, Common Definitions, Customer, Contact Method PurposeType  Search on Contact Method ID 4 to see the required email codes that you must set up in UDC 01/ET.	Electronic Address Types	User defined code table 01/ET

**Note.** Phone Types and Electronic Address Types from PeopleSoft Enterprise CRM must be set up manually in JD Edwards EnterpriseOne in addition to being set up as code cross-references.

## Loading Master Data for the CRM Marketing Integration

This section provides overview of the process of loading JD Edwards EnterpriseOne data into PeopleSoft Enterprise tables and of the incremental synchronization of master data for the CRM Marketing integration, lists prerequisites, and discusses how to:

- Set processing options for Customer Master Batch Load (R8903F0301).
- Set processing options for Contacts Batch Load (R8901F0111).
- Run batch integrations in the Integration Server for the CRM Marketing Integration.

## Understanding the Loading JD Edwards EnterpriseOne Data into PeopleSoft Enterprise Tables for the CRM Marketing Integration

This integration includes the initial loading of JD Edwards EnterpriseOne customers, sites, and contacts to corresponding PeopleSoft Enterprise tables.

This table describes the initial data loads that you must perform:

Table Conversion Program	Flat File Name	Integration Flow	PeopleSoft Enterprise Integration Point
R8903F0301 - Customer Master Batch Load	f03012batchload.txt	E1_Customer_To_E_Company_and_Site	CUST_COMPANY_FULLSYNC CUST_SITE_FULLSYNC
R8901F0111 - Contacts Batch Load	f0111batchload.txt	E1_Contact_To_E_Contact	CONTACT_FULLSYNC_EFF

**Note.** These JD Edwards EnterpriseOne table conversion programs generate flat files and place them in a folder called "Export" in the \B9\package\_name\ directory in which the JD Edwards EnterpriseOne system was installed.

### Customer Master Batch Load

This initial batch load sends JD Edwards EnterpriseOne customers to PeopleSoft Enterprise CRM as companies or sites, depending on the search type of the customer record in the JD Edwards EnterpriseOne system and the search types for companies and sites specified in the integration options.

You can add or change a company or site in either PeopleSoft Enterprise CRM or the JD Edwards EnterpriseOne system. The integration ensures that site data is synchronized between the two systems.

The system integrates only the primary address in PeopleSoft Enterprise CRM into the JD Edwards EnterpriseOne system.

The system integrates only the primary name in PeopleSoft Enterprise CRM into the JD Edwards EnterpriseOne system.

You cannot delete companies or sites in PeopleSoft Enterprise CRM. However, you can specify them as inactive. If you mark a company or site as inactive, the system updates the JD Edwards EnterpriseOne customer record with a search type of *X*, which designates the customer as inactive.

The system determines the PeopleSoft Enterprise CRM purchasing option based on the JD Edwards EnterpriseOne billing address type:

Company or Site	JD Edwards EnterpriseOne Billing Address Type	PeopleSoft Enterprise CRM Purchasing Option
Company	<i>B</i>	<i>BillTo</i> , <i>SoldTo</i>
Company	<i>S</i>	<i>ShipTo</i>
Company	<i>X</i>	<i>BillTo</i> , <i>SoldTo</i> , <i>ShipTo</i>

Company or Site	JD Edwards EnterpriseOne Billing Address Type	PeopleSoft Enterprise CRM Purchasing Option
Site	<i>B</i>	<i>BillTo,</i> <i>ShipTo</i>
Site	<i>S</i>	<i>ShipTo</i>
Site	<i>X</i>	<i>BillTo, SoldTo, ShipTo</i>

The PeopleSoft Enterprise CRM purchasing option is determined in the same way during the incremental synchronizations of JD Edwards EnterpriseOne customers to PeopleSoft Enterprise companies or PeopleSoft Enterprise sites.

During the incremental synchronization of PeopleSoft Enterprise companies to JD Edwards EnterpriseOne customers, the system determines the JD Edwards EnterpriseOne billing address type based on the PeopleSoft Enterprise CRM purchasing option:

PeopleSoft Enterprise CRM Purchasing Option	JD Edwards EnterpriseOne Billing Address Type for
<i>Sold To</i>	<i>B</i>
<i>Bill To</i>	<i>B</i>
<i>Ship To</i>	<i>S</i>
<i>SoldTo,</i> <i>BillTo</i>	<i>B</i>
<i>SoldTo,</i> <i>ShipTo</i>	<i>X</i>
<i>BillTo,</i> <i>ShipTo</i>	<i>X</i>
<i>SoldTo,</i> <i>BillTo,</i> <i>ShipTo</i>	<i>X</i>
blank	<i>X</i>

**Note.** If the PeopleSoft Enterprise CRM purchasing option is not set to either *SoldTo*, *ShipTo* or *BillTo*, the system specifies the JD Edwards EnterpriseOne billing address type to *X* by default.

During the incremental synchronization of PeopleSoft Enterprise sites to JD Edwards EnterpriseOne customers, the JD Edwards EnterpriseOne billing address type is *S* regardless of the PeopleSoft Enterprise CRM purchasing option.

## Contacts Batch Load

This initial batch load sends JD Edwards EnterpriseOne contacts to PeopleSoft Enterprise CRM.

## Understanding the Incremental Synchronization of Master Data for the CRM Marketing Integration

After you have initially loaded master data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system, you may need to sync up additions or changes to master data that occur in the JD Edwards EnterpriseOne system.

Incremental sync integrations run automatically when you add or change a company in the JD Edwards EnterpriseOne system or when you add or change a customer, site, or contact in the PeopleSoft Enterprise system.

This table describes the incremental syncs provided in this integration:

JD Edwards EnterpriseOne Realtime Event	Published Interface Document	Integration Service Flow	PeopleSoft Enterprise Message
RTCMOUT	notifyCustomerPublishDocument	PSFT_JD Edwards EnterpriseOne_CRM.ns. PSFT_JD Edwards EnterpriseOne_CRM. RealTimeDataSyncs.Customer. E1_Customer_To_E_Company. convert_E1_Customer_To_E_Company	CUST_COMPANY_SYNC
RTCMOUT	notifyCustomerPublishDocument	PSFT_JD Edwards EnterpriseOne_CRM.ns. PSFT_JD Edwards EnterpriseOne_CRM. RealTimeDataSyncs.Customer. E1_Customer_To_E_Site. convert_E1_Customer_To_E_Site	CUST_SITE_SYNC
N/A	ProcessCustomer	PSFT_JD Edwards EnterpriseOne_CRM.ns. PSFT_JD Edwards EnterpriseOne_CRM. RealTimeDataSyncs.Customer. E_Company_To_E1_Customer. convert_E_Company_To_E1_Customer	CUST_COMPANY_SYNC

JD Edwards EnterpriseOne Realtime Event	Published Interface Document	Integration Service Flow	PeopleSoft Enterprise Message
N/A	ProcessCustomer	PSFT_JD Edwards EnterpriseOne_CRM.ns. PSFT_JD Edwards EnterpriseOne_CRM. RealTimeDataSyncs.Customer. E_Site_To_E1_Customer. convert_E_Site_To_E1_Customer	CUST_SITE_SYNC
N/A	ProcessContact	PSFT_JD Edwards EnterpriseOne_CRM.ns. PSFT_JD Edwards EnterpriseOne_CRM. RealTimeDataSyncs.Customer. E_Contact_To_E1_Contact. convert_E_Contact_To_E1_Contact	CONTACT_SYNC

## Prerequisites

Before you load the master data described in this section:

- Set up UTF-8 encoding in the JD Edwards EnterpriseOne system so that the flat files that are created by the table conversion problems will be encoded correctly.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Unicode Flat File Encoding, page 20.](#)

- Set up the export folder where the JD Edwards EnterpriseOne table conversions will create the flat files.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Export Folder for Table Conversions, page 20.](#)

- Activate realtime events in the JD Edwards EnterpriseOne system.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Realtime Events, page 20.](#)

## Setting Processing Options for Customer Master Batch Load (R8903F0301)

Processing options enable you to specify the default processing for programs and reports.

### Default

These processing options enable you to select data for the table conversion process.

#### 1. Date - From

Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Item Base Price File table (F4106). If you leave this processing option blank, the table conversion selects all records in table F4106 regardless of date.

For the initial load of items base prices, leave this processing option blank to select all records.

## 2. Time - From

Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from table F4106.

For the initial load of items, leave this processing option blank to select all records.

## Setting Processing Options for Contacts Batch Load (R8901F0111)

Processing options enable you to specify the default processing for programs and reports.

### Default

These processing options enable you to select data for the table conversion process.

#### From - Date

Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Address Book - Who's Who table (F0111). If you leave this processing option blank, the table conversion selects all records in table F0111 regardless of date.

For the initial load of items base prices, leave this processing option blank to select all records.

#### Time - Last Updated

Specify the beginning time of a valid time range. This processing option works with the From - Date processing option to build the data selection that the table conversion uses to select records from table F0111.

For the initial load of items, leave this processing option blank to select all records.

## Running Batch Integrations in the Integration Server for the CRM Marketing Integration

Schedule these batch load flow services to run once or repeatedly. If you schedule the services to run repeatedly, ensure that you run the associated table conversion before the flow service is scheduled to run.

Service	Navigation
convert_E1_Customer_To_E_Company_And_Site	PSFT_JD Edwards EnterpriseOne_ CRM.ns.PSFT_JD Edwards EnterpriseOne_CRM.InitialBatchLoads.Customer
convert_E1_Contact_To_E_Contact	PSFT_JD Edwards EnterpriseOne_ CRM.ns.PSFT_JD Edwards EnterpriseOne_CRM.InitialBatchLoads.Customer

## Setting Up Cross-References for the CRM Marketing Integration

This section provides an overview of key cross-references for the CRM Marketing integration and discusses how to:

- Set up key cross-references for the CRM Marketing integration.
- Set up code cross-references for the CRM Marketing integration.

### Understanding Key Cross-References for the CRM Marketing Integration

Key cross-references enable the system to reconcile the values that are used in the PeopleSoft Enterprise system and in the JD Edwards EnterpriseOne system and to keep a record of the values that are integrated.

The integration requires that these key cross-references be set up in the JD Edwards EnterpriseOne WSG cross-reference database. The system creates these key cross-references during integration processing; no initial setup is required.

Application ID	Object ID	Comments
E-CRM	contact	The system create this key cross-reference during the initial load of JD Edwards EnterpriseOne contact to PeopleSoft Enterprise contacts. The Contact (PERSON_ID) in the PeopleSoft Enterprise system is cross-referenced with the address book number (AN8) and contact ID (IDLN) in the JD Edwards EnterpriseOne system.
E-CRM	customer	The system creates this key cross-reference during the initial load of JD Edwards EnterpriseOne customers to PeopleSoft Enterprise companies or during the initial load of PeopleSoft Enterprise companies to JD Edwards EnterpriseOne customers. The database key for Company (BO_ID) in the PeopleSoft Enterprise system is cross-referenced with the customer's address book number (AN8) in the JD Edwards EnterpriseOne system.



Application ID	Object ID	Comments
E-CRM	electronicaddress	The system creates this key cross-reference during the initial load of JD Edwards EnterpriseOne customers to PeopleSoft Enterprise companies or sites, during the initial load of PeopleSoft Enterprise companies or sites to JD Edwards EnterpriseOne customers, and during the initial load of JD Edwards EnterpriseOne contacts to PeopleSoft Enterprise contacts. The database key for company or site (BO_ID), the database key for electronic address (PROFILE_CM_SEQ), and the effective date (EFFDT) from the PeopleSoft Enterprise system are cross referenced with the address book number (AN8), contact ID (IDLN), and email line number (RCK7) in the JD Edwards EnterpriseOne system.
E-CRM	phonenummer	The system creates this key cross-reference during the initial load of JD Edwards EnterpriseOne customers to PeopleSoft Enterprise companies or sites, during the initial load of PeopleSoft Enterprise companies or sites to JD Edwards EnterpriseOne customers, and during the initial load of JD Edwards EnterpriseOne contacts to PeopleSoft Enterprise contacts. The database key for company or site (BO_ID), the database key for phone (PROFILE_CM_SEQ), and the effective date (EFFDT) in the PeopleSoft Enterprise system are cross-referenced with the address book number (AN8), contact ID (IDLN), and phone line number (RCK7) in the JD Edwards EnterpriseOne system.
E-CRM	site	The system creates this key cross-reference during the initial load of JD Edwards EnterpriseOne customers to PeopleSoft Enterprise companies or during the initial load of PeopleSoft Enterprise companies to JD Edwards EnterpriseOne customers. The database key for site (BO_ID) in the PeopleSoft Enterprise system is cross referenced with the customer's address book number (AN8) in JD Edwards EnterpriseOne.

## Setting Up Key Cross-References for the CRM Marketing Integration

You must set up this key cross-reference in the JD Edwards EnterpriseOne WSG Cross-Reference Database:

Application ID	Object ID	Native Key	Canonical Key
E-CRM	businessunit	Values from Business Unit (BUSINESS_UNIT).	Values from Business Unit (MCU) in the Business Unit Master table (F0006).

For example, you might set up this value in the atc\_xref table:

Application ID	Object ID	Native Key	Canonical Key	Latch Closed
E-CRM	businessunit	US001	000000000030	N

## Setting Up Code Cross-References for the CRM Marketing Integration

The system uses code cross-references to reconcile differences in the way that certain types of information are formatted in the PeopleSoft Enterprise system and in the JD Edwards EnterpriseOne system.

You must set up these code cross-references in the JD Edwards EnterpriseOne WSG Cross-Reference Database:

Application ID	Object ID	Native Code	Canonical Code
E-CRM	alternateaddresstype	Values from Address Type (DESCR).	Alternate Address Type (ATYPE) values from UDC
E-CRM	electronicaddresstype	Values from Email Purpose Type (CM_PURPOSE_TYPE_ID).	Electronic Address Type (ETP) values from UDC 01/ET.
E-CRM	gender	Values for the Gender Types (SEX).	Gender values from UDC 01/GD.
E-CRM	phonenumbertype	Values from Phone Purpose Type (CM_PURPOSE_TYPE_ID).	Phone Number Type (PHTP) values from UDC 01/PH.

For example, you might set up these values in the atc\_xref table:

Application ID	Object ID	Native Code	Canonical Code	Latch Closed
E-CRM	alternateaddresstype	HOME	32	N
E-CRM	businessunit	US001	000000000030	N
E-CRM	electronicaddresstype	BUS	27	N

Application ID	Object ID	Native Code	Canonical Code	Latch Closed
E-CRM	gender	1	M	N
E-CRM	phonenumbertype	BUSN	11	N



## CHAPTER 29

# Using the PeopleSoft Enterprise CRM Marketing with JD Edwards EnterpriseOne Integration

This chapter discusses how to import leads from PeopleSoft Enterprise Marketing into JD Edwards EnterpriseOne.

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## Importing Leads

This section provides an overview of the lead import process and discusses how to:

- Export leads from PeopleSoft Enterprise Marketing.
- Modify the leads comma-separated variable (CSV) file.
- Import leads in the JD Edwards EnterpriseOne system.

## Understanding the Lead Import Process

You export leads generated in PeopleSoft Enterprise Marketing to a CSV file. You then upload this file into the JD Edwards EnterpriseOne Lead Management application. From that point, you can qualify those leads, convert them to opportunities, and then to a quote or sales order. The order is managed and fulfilled through JD Edwards EnterpriseOne Sales Order Processing.

## Exporting Leads from PeopleSoft Enterprise Marketing

To export leads from PeopleSoft Enterprise Marketing:

1. Create a new audience in PeopleSoft Enterprise Marketing.
2. Use the Audience Builder to define selection criteria and generate the audience using this information:

**Step 1: Select Roles**                      Select the Contract for a Company check box.

**Step 2: Define Selection Criteria**                      Specify *Organizations.Sales Leads.Region* as the profile field or use other appropriate selection criteria.

**Step 3: Review and Save**                      Select the Start audience generation now option.

See PeopleSoft Enterprise CRM 8.9 Marketing Applications Implementation Guide: “Using Audiences,” Creating and Managing Audiences.

3. Export the audience, selecting *Individuals.People.Company ID* as the export column.

The system sends a job to the Process Scheduler, which places a CSV file on the PeopleSoft Enterprise CRM server when the job is complete. The output location for the CSV file is:

```
\\<enterprise server name>\log-output\<job#>
```

For example:

```
\\server1\log-output\AE_RA_EXP_AUDN_9413
```

See PeopleSoft Enterprise CRM 8.9 Marketing Applications Implementation Guide: “Using Audiences,” Exporting Audiences.

## Modifying the Leads CSV File

To import leads successfully into JD Edwards EnterpriseOne, the CSV must have these columns in the order specified:

- Company ID
- Last Name
- First Name
- Work Phone
- Email
- Title
- Industry

---

**Note.** You must manually add this column to the CSV file.

---

- Address1
- Address2
- Address3
- Address4
- City
- State
- ZIP Code
- County

---

**Note.** You must manually add this column to the CSV file.

---

- Country
- Fax Country Code
- Fax
- URL

---

**Note.** You must manually add this column to the CSV file.

---

In addition to adding the Industry, Country, and URL columns, you must make these modifications to the CSV file:

1. Delete the first two rows of the CSV file; these rows contain the audience name and the headings for each column.
2. Delete any records that do not have first and last names (names are required in JD Edwards EnterpriseOne).

3. Modify the country code to a value that is valid in JD Edwards EnterpriseOne.

---

**Note.** Blank is typically the value of the default country in JD Edwards EnterpriseOne.

---

4. Verify that the user who is importing the data in JD Edwards EnterpriseOne has an address book record in JD Edwards EnterpriseOne.

---

**Note.** Depending on the PeopleSoft Enterprise data, other manipulations might be required.

---

## Importing Leads in the JD Edwards EnterpriseOne System

Use the Import Leads program (P90CB015) to import leads in the JD Edwards EnterpriseOne system.

See *JD Edwards EnterpriseOne Customer Relationship Management 8.12 Sales Applications Implementation Guide*, “Managing Sales Leads,” Entering a Lead.





## **PART 8**

# **Integrating PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement**

### **Chapter 30**

**Understanding the Integration of PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement**

### **Chapter 31**

**Setting Up the PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement Integration**

### **Chapter 32**

**Setting Up Prerequisite Data for the Strategic Sourcing Integration**

### **Chapter 33**

**Using the PeopleSoft Enterprise Strategic Sourcing to JD Edwards EnterpriseOne Procurement Integration**



## CHAPTER 30

# Understanding the Integration of PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement

This chapter discusses:

- Release levels
- Business process
- Integration architecture
- Integration points
- Assumptions for implementation

---

## Release Levels

This document supports the integration between JD Edwards EnterpriseOne 8.12 Procurement and PeopleSoft Enterprise 8.9 Strategic Sourcing.

---

## Business Process

With the PeopleSoft Enterprise Strategic Sourcing to JD Edwards EnterpriseOne Procurement integration, you can use PeopleSoft Enterprise Strategic Sourcing to create and manage sourcing events and integrate the awards into JD Edwards EnterpriseOne Procurement.

The major tasks involved in the integration of PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement are:

- Setting up integration options and code cross-referencing in the JD Edwards EnterpriseOne WSG soft-coding/cross-reference database.
- Setting up the integration in the PeopleSoft Enterprise database.
- Loading JD Edwards EnterpriseOne master data into PeopleSoft Enterprise tables.
- Synchronizing incremental changes in JD Edwards EnterpriseOne master data with the PeopleSoft Enterprise system.
- Awarding sourcing events to an external purchasing system.

- If the sourcing event is a buy event, the PeopleSoft Enterprise system creates an outbound purchase order message and transmits the message to the JD Edwards EnterpriseOne system.

The JD Edwards EnterpriseOne system creates a purchase order or blanket order and transmits the purchase order number (and any errors) to the PeopleSoft Enterprise system.

- If the sourcing event is awarded to a bidder who is not yet a vendor, the PeopleSoft Enterprise system sends the bidder information to the JD Edwards EnterpriseOne system.

The JD Edwards EnterpriseOne system creates a supplier record and then sends the supplier information back to the PeopleSoft Enterprise system to create the vendor record in the PeopleSoft Enterprise system.

- If the sourcing event is a tiered-pricing event, the PeopleSoft Enterprise system sends the supplier pricing information to the JD Edwards EnterpriseOne system.

---

## Integration Architecture

This section discusses the integration architecture for the:

- Buy event process.
- Tiered-pricing event process.
- Supplier/vendor creation process.

---

**Note.** The integration architecture for the initial batch load and the incremental synchronization of master data is discussed in the “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications” chapter of this implementation guide.

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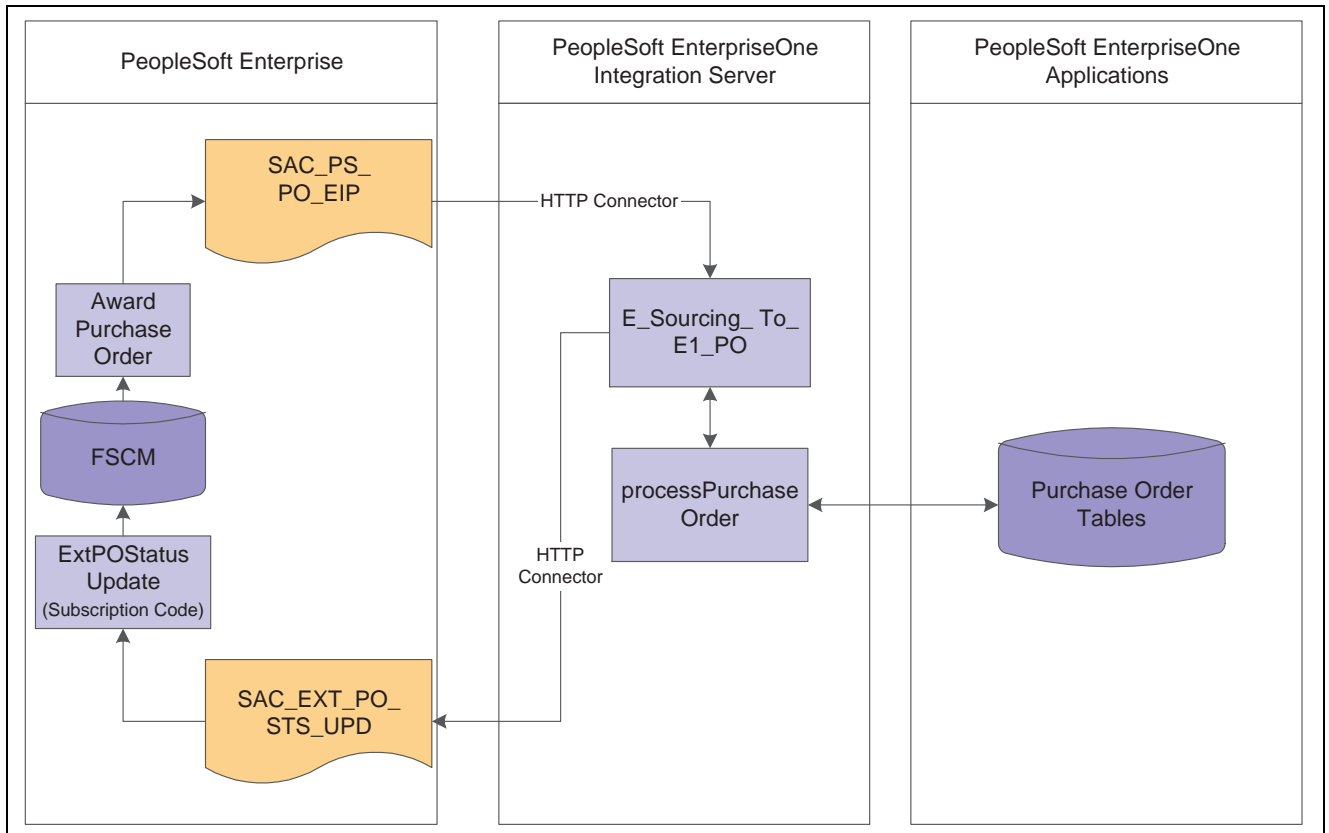
### See Also

Chapter 2, “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications,” Batch Loads, page 10

Chapter 2, “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications,” Incremental Synchronizations, page 11

## Integration Architecture for the Buy Event Process

This diagram illustrates the process of generating a buy event in the PeopleSoft Enterprise system and creating a corresponding purchase order in the JD Edwards EnterpriseOne system:



PeopleSoft Enterprise buy event to JD Edwards EnterpriseOne purchase order process

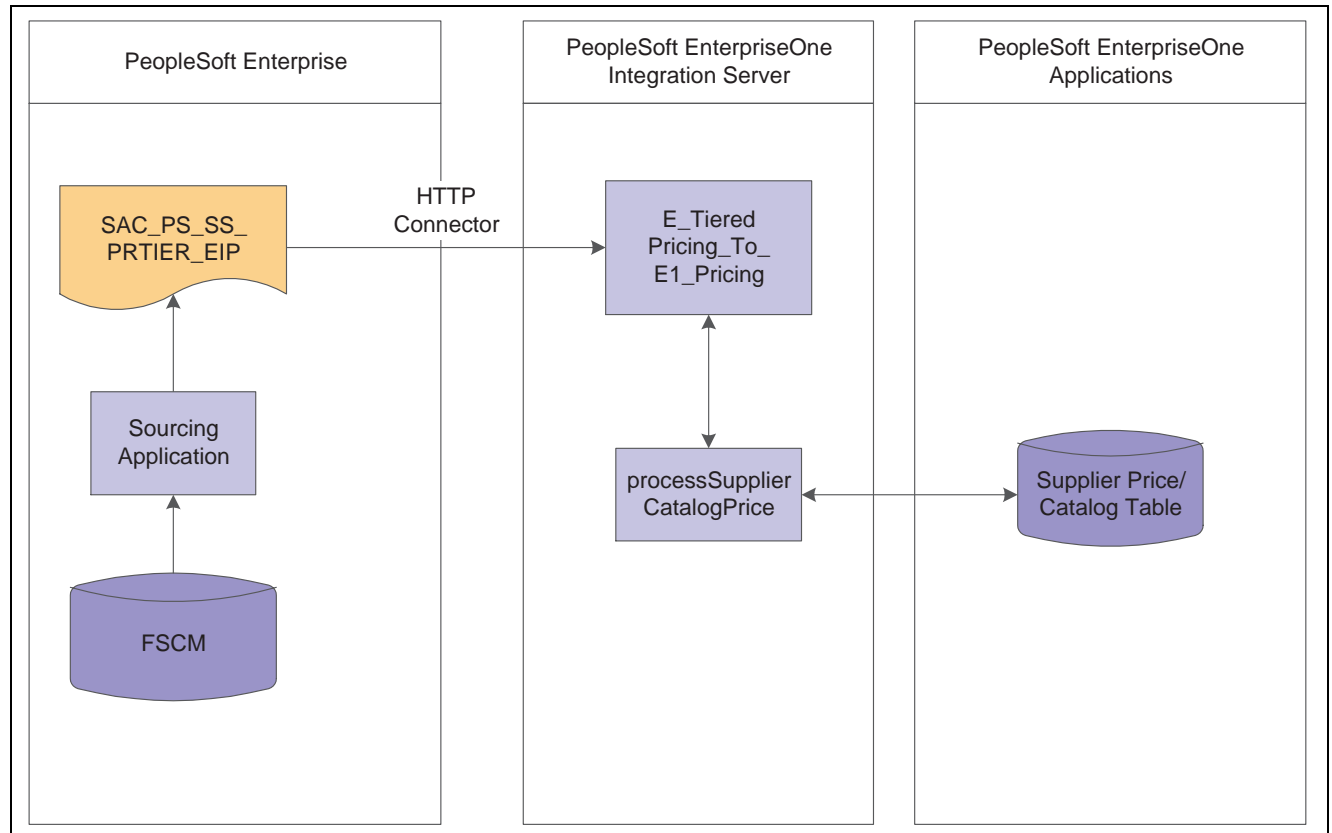
Sending a buy event from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system and creating a corresponding purchase order or blanket order in the JD Edwards EnterpriseOne system consists of these major steps:

1. At the time of the award, the PeopleSoft Enterprise system creates a synchronous outbound purchase order message (SAC\_PS\_PO\_EIP).
2. The Integration Server is listening for the EIP message, and triggers the E\_SourcingAward\_To\_E1\_PO Integration, which invokes the processPurchaseOrder interface flow.
3. The interface flow creates a purchase order in the JD Edwards EnterpriseOne system.
4. The integration converts the interface flow's response to the SAC\_EXT\_PO\_STS\_UPD message, and the message is then sent back in the synchronous response to the PeopleSoft Enterprise system.
5. When the message is received in the PeopleSoft Enterprise system, the purchase order number is written to a cross-reference table (PS\_SAC\_ERP\_SS\_STS) and the purchase order number is added to the Analyze Events page.

If there are errors in the creation of the purchase order in the JD Edwards EnterpriseOne system, the PeopleSoft Enterprise system returns an error.

## Integration Architecture for the Tiered-Pricing Event Process

This diagram illustrates the process of sending tiered-pricing information from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system:



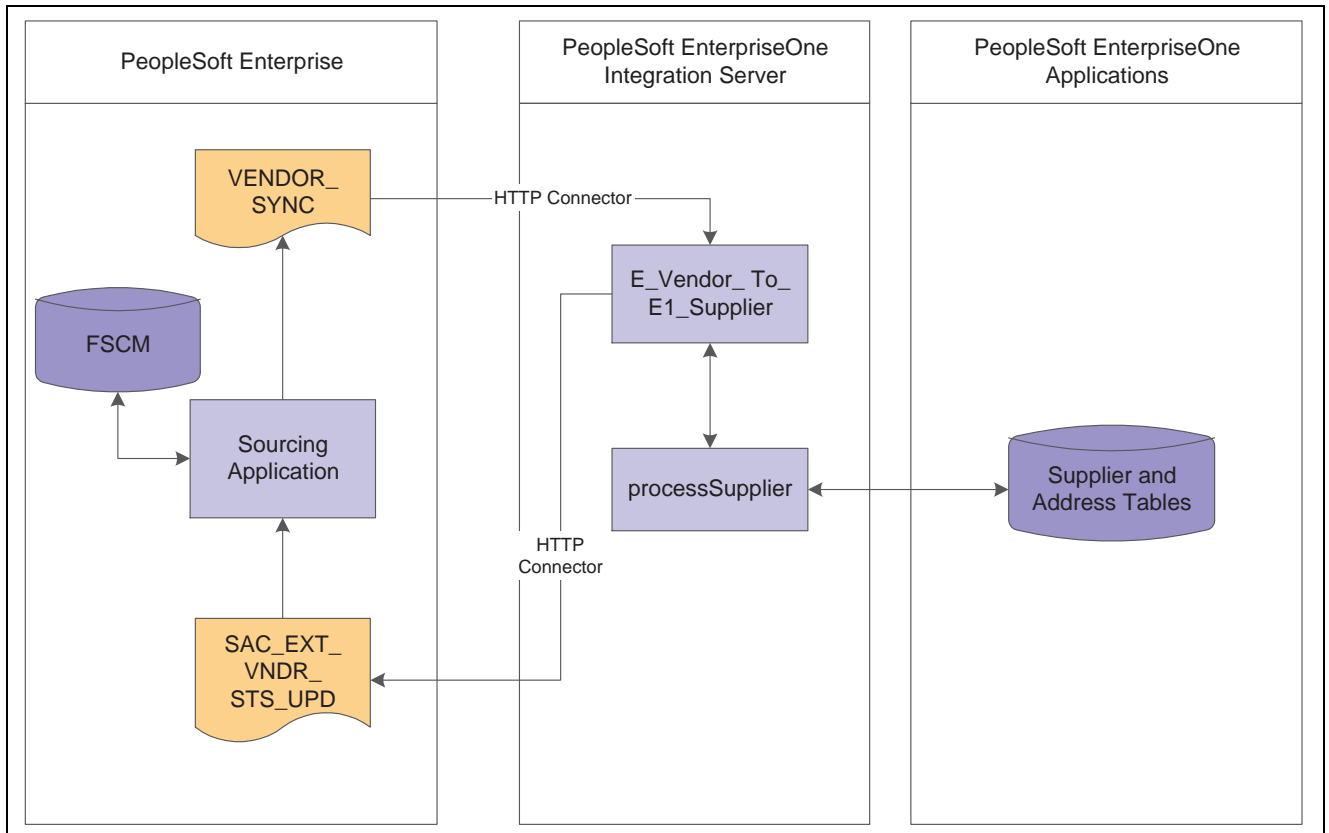
PeopleSoft Enterprise tiered-pricing event to JD Edwards EnterpriseOne process

Sending a tiered-pricing event from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system consists of these major steps:

1. If the user clicks the Export Price Breaks button when awarding the event, the PeopleSoft Enterprise system creates an outbound price export message (SAC\_PS\_SS\_PRTIER\_EIP).
2. The Integration Server is listening for the EIP message, and triggers the E\_TierPricing\_To\_E1\_Pricing integration flow, which invokes the processSupplierCatalogPrice interface flow.

## Integration Architecture for Supplier/Vendor Creation Process

This diagram illustrates the PeopleSoft Enterprise bidder to JD Edwards EnterpriseOne supplier and PeopleSoft Enterprise vendor process:



PeopleSoft Enterprise vendor to JD Edwards EnterpriseOne supplier process

1. At the time of the award, the PeopleSoft Enterprise system creates a synchronous outbound vendor message (VENDOR\_SYNC).
2. The Integration Server is listening for the EIP message, and triggers the E\_Vendor\_To\_E1\_Supplier integration, which invokes the processSupplier interface flow.
3. The processSupplier interface flow creates a supplier record in the JD Edwards EnterpriseOne system.
4. The interface flow's response is converted to the SAC\_EXT\_VNDR\_STS\_UPD message.  
The SAC\_EXT\_VNDR\_STS\_UPD message is sent back in the synchronous response to Enterprise.
5. When the message is received in the PeopleSoft Enterprise system, the system creates a corresponding vendor record in the PeopleSoft Enterprise system with the vendor ID number from the JD Edwards EnterpriseOne system.

## Integration Points

This section discusses integration points for:

- Initial batch loads
- Incremental synchronizations
- Transactions

## Integration Points for Initial Batch Loads

This table lists the integration points used by the Strategic Sourcing integration for the initial batch loads of data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system:

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
SAC_ACCT_LOAD_EIP	E1_Account_To_E_SRM_Account: convertAccountToAccountLoad	Account Master Batch Load program (R8909F0901)	Loads account information from the JD Edwards EnterpriseOne system to accounts in the PeopleSoft Enterprise system.
ITEM_SYNC	E1_ItemMaster_To_E_Item: convert_E1_ItemMaster_To_E_Item	Item Master Batch Load program (R8941F4101)	Loads items from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.
ITEM_SYNC	E1_ItemCost_To_E_Item: convert_E1_ItemCost_To_E_Item	Item Cost Batch Load program (R8941F4105)	Loads item cost information from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.
VENDOR_SYNC	E1_Supplier_To_E_Vendor: convert_E1_Supplier_To_E_Vendor_And_Dispatch	Supplier Master Batch Load program (R8901F0401)	Loads suppliers from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.
ITEM_PRICELIST_LOAD	E1_SupplierItemCost_To_E_SRM_ItemPriceList: convertSupplierItemCostToItemPriceList	Supplier Price Batch Load - F41061 program (R8945F4161)	Loads supplier item cost information from the JD Edwards EnterpriseOne system to the item price list in the PeopleSoft Enterprise system.  This integration point is optional.



PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
ITEM_SYNC	E1_ItemUOM_To_E_ItemUOM: convert_E1_ItemUOM_To_E_ItemUOM	Unit Of Measure Batch Load (R89F41002)	Loads unit of measure conversion from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.
SHIPTO_LOCATION	E1_ShipTo_To_E_ShipToLocation: convert_ShipTo_To_ShipToLocation	Extract Branch /Plant ShipTos (R89F41001)	Loads ship to locations from the JD Edwards EnterpriseOne system to ship to locations in the PeopleSoft Enterprise system.
BOM_SYNC	E1_BillOfMaterials_To_E_BOM: convert_E1_BOM_To_E_BOM	Bill of Materials Batch Load (R8930F3002)	Loads bills of material from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.

## Integration Points for Incremental Synchronizations

This table lists the integration points used by the Strategic Sourcing integration for the incremental synchronization of data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system:

PeopleSoft Enterprise Message Name	Integration	JD Edwards EnterpriseOne Object/Event	Description
SAC_ACCT_LOAD_EIP	E1_Account_To_E_Account: convert_E1_AccountMaster_To_E_Account	notifyGLAccountEvent PublishDocument	Incremental sync of accounts from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.
ITEM_SYNC	E1_ItemMaster_To_E_Item: convert_E1_ItemMaster_To_E_Item	notifyItemMasterEvent PublishDocument	Incremental sync of items from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.
ITEM_SYNC	E1_ItemCost_To_E_Item: convert_E1_ItemCost_E_Item	notifyItemCostEvent PublishDocument	Incremental sync of item cost information from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.

<b>PeopleSoft Enterprise Message Name</b>	<b>Integration</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
ITEM_SYNC	E1_ItemUOM_To_E_ItemUOM: convert_E1_ItemUOM_To_E_ItemUOM	notifyItemUOMEvent PublishDocument	Incremental sync of unit of measure conversion from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.
VENDOR_SYNC	E1_Supplier_To_E_Vendor: convert_E1_Supplier_To_E_Vendor	notifySupplierEvent PublishDocument	Incremental sync of suppliers from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.
LOCATION_SYNC SHIPTO_LOCATION	E1_AddressBookRTE_To_ShipToLocation: convert_E1_AddressBookRTE_To_E_ShipToLocation	notifyAddressBook PublishDocument	Incremental sync of ship to locations from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.  This integration point integrates ship to locations when you change a ship to location record in the JD Edwards EnterpriseOne system.
SHIPTO_LOCATION	E1_ShipToRTE_To_ShipToLocation: convert_E1_ShipToRTE_To_E_ShipToLocation	notifyShipToEvent PublishDocument	Incremental sync of ship to locations from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.  This integration point integrates ship to locations when you add a ship to location record in the JD Edwards EnterpriseOne system.

## Integration Points for Transactions

This table lists the integration points used by the Strategic Sourcing integration for the transfer of transactional data between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system:

PeopleSoft Enterprise Message Name	Integration	JD Edwards EnterpriseOne Object/Event	Description
SAC_PS_PO_EIP SAC_EXT_PO_STS_UPD	E_Sourcing_To_E1_PurchaseOrder: process_E_SourcingAward_To_E1_PO_And_Response	processPurchaseOrder	As a result of a buy event, this integration point sends an outbound purchase order message from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system and creates a corresponding purchase order or blanket order in the JD Edwards EnterpriseOne system. The PeopleSoft Enterprise system is notified whether the transaction was successful or in error.
SAC_PS_SS_PRTIER_EIP	E_TierPricing_To_E1_Pricing: convert_E_TierPricing_To_E1_Pricing	processSupplierCatalogPrice	Sends a tiered pricing event from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system.
VENDOR_SYNC SAC_EXT_VNDR_STS_UPD	E_Vendor_To_E1_Supplier: convert_E_Vendor_To_E1_Supplier_and_Response	processSupplier	Sends a vendor that is created spontaneously in the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.

## Assumptions for Implementation

In the PeopleSoft Enterprise system, modify the Permissions list to not allow items to be added in the PeopleSoft Enterprise system.

In the JD Edwards EnterpriseOne system, the Multi-Currency Conversion option in the General Accounting Constants must be *Y* (Use multi-currency acct-multi.).

If an item in the JD Edwards EnterpriseOne system has a cost amount of 0, that item is created in the PeopleSoft Enterprise system with a blank cost. Items with blank costs cannot be included on sourcing events.



## CHAPTER 31

# Setting Up the PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement Integration

This chapter discusses how to:

- Set up the Strategic Sourcing integration in the PeopleSoft Enterprise database.
- Set up the Strategic Sourcing integration in the Integration Server.

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## Setting Up the Strategic Sourcing Integration in the PeopleSoft Enterprise Database

This section lists prerequisites and discusses how to:

- Activate message channels for the Strategic Sourcing integration.
- Activate messages for the Strategic Sourcing integration.
- Set up integration transactions for the Strategic Sourcing integration.
- Add channels to permissions for the Strategic Sourcing integration.
- Activate message subscriptions for the Strategic Sourcing integration.
- Increase the size of the Account ChartField.
- Set up the external integration and node in the PeopleSoft Enterprise system.
- Set up vendor tax and payment information.

---

**Note.** Integration with the JD Edwards EnterpriseOne system requires the application server for the database to be configured with Pub/Sub Servers active. Also, the Process Scheduler Server must be running.

---

### Prerequisites

Before you complete the tasks discussed here to set up the integration environment in the PeopleSoft Enterprise Financials/SCM database:

- Set up the local gateway in the PeopleSoft Enterprise Financials/SCM database.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Local Gateway, page 17.](#)

- Activate the PSFT\_E1 and PSFT\_EP message nodes.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Nodes, page 18.](#)

- Identify the properties and provide a designated URL for the PSFT\_E1 node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Node Definitions, page 18.](#)

## Pages Used to Set Up the Strategic Sourcing Integration in the PeopleSoft Enterprise Database

Access these pages in the PeopleSoft Enterprise Financials/SCM database.

Page Name	Object Name	Navigation	Usage
Advanced Configuration	FS_CF_TEMPLATE	Set Up Financials/Supply Chain, Common Definitions, Design ChartFields, Configure, Advanced Configuration	If the combination of the object and subsidiary portions of JD Edwards EnterpriseOne account numbers exceeds 10 characters, configure the ChartField accounts from 10 characters to 15.
Business Unit Definition	BUS_UNIT_C_A1	Set Up Financials/Supply Chain, Business Unit Related, Sourcing, Business Unit Definition	Set the external integration and node in the PeopleSoft Enterprise system to enable awarded events to be published to the JD Edwards EnterpriseOne Procurement system.

## Activating Message Channels for the Strategic Sourcing Integration

Verify that these message channels have a message channel status of *Run*:

- ENTERPRISE\_SETUP
- ITEM\_MAINTENANCE
- SAC\_ACCT\_LOAD\_CHNL
- SAC\_PRTIER\_STS\_CHNL
- SAC\_PS\_EIP
- VENDOR

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Channels, page 17.](#)

## Activating Messages for the Strategic Sourcing Integration

Verify that these messages are active:

- BOM\_SYNC
- ITEM\_SYNC
- LOCATION\_SYNC

- SAC\_ACCT\_LOAD\_EIP
- SAC\_EXT\_PO\_STS\_UPD
- SAC\_EXT\_VNDR\_STS\_UPD
- SAC\_PS\_PO\_EIP
- SAC\_PS\_SS\_PRTIER\_EIP
- SHIPTO\_LOCATION
- VENDOR\_SYNC

See Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Messages, page 17.

## Setting Up Integration Transactions for the Strategic Sourcing Integration

You must activate these nodes and their associated transactions:

Node Name	Transaction Name	Version	Transaction Type	Routing Type	Response Message
PSFT_E1	BOM_SYNC	VERSION_1	InAsync	N/A	N/A
PSFT_E1	ITEM_PRICELIST_LOAD	VERSION_1	InAsync	N/A	N/A
PSFT_E1	ITEM_SYNC	VERSION_1	InAsync	N/A	N/A
PSFT_E1	LOCATION_SYNC	VERSION_1	InAsync	N/A	N/A
PSFT_E1	SAC_ACCT_LOAD_EIP	VERSION_1	InAsync	N/A	N/A
PSFT_E1	SAC_PS_PO_EIP	VERSION_1	OutSync	Explicit	SAC_EXT_PO_STS_UPD VERSION_1
PSFT_E1	SAC_PS_SS_PRTIER_EIP	VERSION_1	OutAsync	Implicit	N/A
PSFT_E1	SHIPTO_LOCATION	VERSION_1	InAsync	N/A	N/A
PSFT_E1	VENDOR_SYNC	VERSION_1	InAsync	N/A	N/A
PSFT_E1	VENDOR_SYNC	VERSION_1	OutSync	Explicit	SAC_EXT_VNDR_STS_UPD VERSION_1

For synchronous transaction messages, you must select *Header and Detail* in the Synchronous Logging drop-down list box on the Messages tab, as shown in this example:

Transactions

Messages

Node Name PSFT\_E1

Transaction Messages

Find | View All First 1 of 1 Last

Effective Date 01/01/1900

Status Active

Transaction Type OutSync

\*Synchronous Logging Header and Detail

Request Message

Message Name SAC\_PS\_PO\_EIP

Message Version VERSION\_1

External Name

Response Message

Message Name SAC\_EXT\_PO\_STS\_UPD

Message Version VERSION\_1

External Name

[Return to Transaction List](#)

Transactions page: Messages tab

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Integration Transactions, page 19.](#)

## Adding Channels to Permissions for the Strategic Sourcing Integration

To send and receive sourcing events in the PeopleSoft Enterprise system, you must set the channel permissions for the SAC\_PS\_EIP channel.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Adding Channels to Permissions, page 19.](#)

## Activating Message Subscriptions for the Strategic Sourcing Integration

Verify that these message subscriptions are active:

Message Name	Subscription Name
BOM_SYNC	BOMSync
ITEM_SYNC	ItemSync



Message Name	Subscription Name
LOCATION_SYNC	LocationSync
SAC_ACCT_LOAD_EIP	SACAcctLoad
SHIPTO_LOCATION	ShiptoLocation
VENDOR_SYNC	VendorSync

See Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Subscriptions, page 19.

## Increasing the Size of the Account ChartField

Access the Advanced Configuration page.

Advanced Configuration		Standard Configuration				
	Status	Order	ChartField	Field Long Name	Field Length	
<input type="checkbox"/>	Active	1	ACCOUNT	Account	15	
<input type="checkbox"/>	Active	2	ALTACCT	Alternate Account	10	
<input type="checkbox"/>	Active	3	OPERATING_UNIT	Operating Unit	8	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	4	FUND_CODE	Fund Code	5	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	5	DEPTID	Department	10	
<input type="checkbox"/>	Active	6	PROGRAM_CODE	Program Code	5	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	7	CLASS_FLD	Class Field	5	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	8	BUDGET_REF	Budget Reference	8	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	9	PRODUCT	Product	6	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	10	BUSINESS_UNIT_PC	PC Business Unit	5	
<input type="checkbox"/>	Active	11	PROJECT_ID	Project	15	
<input type="checkbox"/>	Active	12	ACTIVITY_ID	Activity	15	
<input type="checkbox"/>	Active	13	RESOURCE_TYPE	Source Type	5	
<input type="checkbox"/>	Active	14	RESOURCE_CATEGORY	Category	5	
<input type="checkbox"/>	Active	15	RESOURCE_SUB_CAT	Subcategory	5	
<input type="checkbox"/>	Active	16	AFFILIATE	Affiliate	5	
<input type="checkbox"/>	Active	17	AFFILIATE_INTRA1	Fund Affiliate	10	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	18	AFFILIATE_INTRA2	Operating Unit Affiliate	10	<a href="#">Change Name</a>
<input type="checkbox"/>	Inactive	99	CHARTFIELD1	ChartField 1	10	
<input type="checkbox"/>	Inactive	99	CHARTFIELD2	ChartField 2	10	
<input type="checkbox"/>	Inactive	99	CHARTFIELD3	ChartField 3	10	

Advanced Configuration page

1. Set the account length to 15.

- Click the Configure button to run the FS\_CONFIG program.
- Generate the PSBUILD.SQL script in Application Designer by opening the FS\_CS\_ALTER\_TABLE project and selecting to build the project using the Alter Tables and Build script file build options.
- Run the PSBUILD from the SQL Analyzer.
- Open the project FS\_CF\_CREATE\_VIEW to re-create all views that contain the ACCOUNT field.

**Note.** Consult the documentation that is listed in the See Also subtopic section for full details.

See Also

PeopleSoft Enterprise Application Fundamentals 8.9 Implementation Guide, "Configuring ChartFields"

Setting Up the External Integration and Node in the PeopleSoft Enterprise System

Access the Business Unit Definition page.

Business Unit Definition

Default Dates

Unit:

US001

US001 NEW YORK OPERATIONS

Short Description:

US001

Business Unit Definition

Location Code:

US001

Dispatch Method:

Email

Billing Location:

US001

Currency Code:

USD

AM Business Unit:

US001

Rate Type:

CRRNT

Bill Source:

STRATSOURC

☒ Allow MultiCurrency Events

☐ Log History of Event Changes

☐ Require New Version for Edits

☐ Permit Award to Previous Round

External PO Integration:

EnterpriseOne Integration

Integration Node:

PSFT\_E1

Business Unit Definition page

**Note.** After you select a value in the External PO Integration field, you can have only one schedule per line. Also, any comments or attachments that are included in the event are not sent to the JD Edwards EnterpriseOne system. The system automatically publishes the purchase order when you click the Post Award button on the Award Details page.

<b>External PO Integration</b> (external purchase order integration)	Select this option enable awarded events to be published to external purchasing systems. The system automatically publishes the purchase order when you click the Post Award button on the Award Details page. With this option selected, you can't award buy events to PeopleSoft Purchasing.
<b>Integration Node</b>	Enter the default node to use for the business unit. You can set a different node for each business unit. This node is used to transfer data only when integrating to an external purchasing system.

## Setting Up Vendor Tax and Payment Information

In order to include the tax explanation code, tax rate/area, and payment instrument on the vendor message that is sent from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system when you are creating a supplier/vendor record for a bidder, you set up the VENDOR\_SYNC message to include this tax and payment information.

To set up vendor tax and payment information:

1. Access Application Designer for the Financials/SCM database.
2. Open the VENDOR\_SYNC message.
3. Highlight the VENDOR\_LOC portion of the message under VNDR\_LOC\_SCROLL.
4. Select the Included check box for these fields and then save the message:
  - SALETX\_TOL\_CUR\_CD
  - SUT\_BASE\_ID
  - PAY\_TRM\_BSE\_DT\_DFT

---

## Setting Up the Strategic Sourcing Integration in the Integration Server

This section lists a prerequisite and discusses how to:

- Enable JD Edwards EnterpriseOne Adapter listener notifications for the Strategic Sourcing integration.
- Set up integration options for the Strategic Sourcing integration.

### Prerequisite

Enable the JD Edwards EnterpriseOne Adapter and the JD Edwards EnterpriseOne Adapter Listener. Enabling the adapter consists of enabling the JD Edwards EnterpriseOne connection and the corresponding Events connection.

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter, page 23](#).

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter Listener, page 23](#).

## Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the Strategic Sourcing Integration

If you are using realtime events for the incremental synchronization of master data, enable the listener and these listener notification services within the PSFT\_JD Edwards EnterpriseOne\_AdapterServices package:

- AdapterServices.Notification.AddressBook:notifyAddressBook
- AdapterServices.Notification.AddressBook:notifyShipToEvent
- AdapterServices.Notification.Financials:notifyGLAccountEvent

- AdapterServices.Notification.Inventory:notifyItemCostEvent
- AdapterServices.Notification.Inventory:notifyItemMasterEvent
- AdapterServices.Notification.Inventory:notifyItemUOMEvent
- AdapterServices.Notification.Supplier:notifySupplierEvent

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling JD Edwards EnterpriseOne Adapter Listener Notifications, page 23.](#)

## Setting Up Integration Options for the Strategic Sourcing Integration

This section lists integration options used by all integration points for the Strategic Sourcing integration as well as the integration options for these integration points:

- Accounts
- Suppliers to Vendors
- Items
- Item Units of Measure
- Item Costs
- Supplier Costs to Item Price Lists
- Ship To Locations
- Bills of Material (BOMs)
- Purchase Orders
- Tiered Pricing
- Bidder to Vendor and Supplier

### Integration Options Used by All Integration Points

All integration points that are used in the PeopleSoft Enterprise Strategic Sourcing to JD Edwards EnterpriseOne Procurement integration require these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM	To Node	<p>Specify the PeopleSoft Enterprise node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_EP</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM	From Node	<p>Specify the JD Edwards EnterpriseOne node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_E1</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>
PSFT_Dispatcher, Outbound	DispatcherDefaultTransportType	<p>Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).</p> <p>The system uses the value from this integration option if the Transaction Transport option for the specific flow does not contain a value. If you are using one gateway for all pillars, you can set up the transport at this level (PPI) so that you don't have to set it for each flow.</p> <p>The default value is <i>http</i>.</p>
PSFT_Dispatcher, Outbound	DispatcherDefaultTransportAddress	<p>Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).</p> <p>The system uses the value from this integration option if the Transaction Transport Address option for the specific flow does not contain a value. If you are using one gateway for all pillars, you can set up the transport address at this level (PPI) so that you don't have to set it for each flow.</p> <p>This value is an example:  <i>http://machinename:port/PSIGW/HttpListeningConnector</i>.</p>

## Accounts

The integration options in this section are used by these flows:

- PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_Account\_To\_E\_SRM\_Account
- PSFT\_JD Edwards EnterpriseOne\_SRM.RealTimeDataSyncs.E1\_Account\_To\_E\_Account

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM,InitialBatchLoads, E1_Account_To_E_SRM_Account	Account Set ID	Specify the default setID for account entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_SRM,InitialBatchLoads, E1_Account_To_E_SRM_Account	Directory From Location - E1	Specify the directory that contains the f0901batchload.txt file that is generated by the Account Master Batch Load program (R8909F0901).  This value is an example: <i>\\machinename\pyexport</i> .
PSFT_JD Edwards EnterpriseOne_SRM,InitialBatchLoads, E1_Account_To_E_SRM_Account	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_SRM,InitialBatchLoads, E1_Account_To_E_SRM_Account	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector</i> .

## Suppliers to Vendors

The integration options in this section are used by these flows:

- PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_Supplier\_To\_E\_Vendor
- PSFT\_JD Edwards EnterpriseOne\_SRM.RealTimeDataSyncs.E1\_Supplier\_To\_E\_Vendor

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_Supplier_To_E_Vendor	Default SetID	Specify the default setID for vendor entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_Supplier_To_E_Vendor	Directory From Location - E1	Specify the directory that contains the f0401batchload.txt file that is generated by the Supplier Master Batch Load program (R8901F0401).  This value is an example: <i>\\machinename\pyexport</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_Supplier_To_E_Vendor	Email Type	Specify the email type that is used when retrieving the contact's email address in the JD Edwards EnterpriseOne system.  This value is an example: <i>E</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_Supplier_To_E_Vendor	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_Supplier_To_E_Vendor	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector</i> .

## Items

The integration options in this section are used by these flows:

- PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_ItemMaster\_To\_E\_Item
- PSFT\_JD Edwards EnterpriseOne\_SRM.RealTimeDataSyncs.E1\_ItemMaster\_To\_E\_Item

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemMaster_To_E_Item	Default Category Code	Specify the default category code for item entries. This integration option is used to populate the CATEGORY_CD field in the ITEM_SYNC message for the incremental sync of items.  For the batch load of items, the actual category code from the Commodity Class field (PRP1) in the JD Edwards EnterpriseOne Item Master table (F4101) is sent to the PeopleSoft Enterprise system.
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemMaster_To_E_Item	Default SetID	Specify the default setID for item entries.  This value is an example: <i>SHARE</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_ItemMaster_To_E_Item	Directory From Location - E1	Specify the directory that contains the f4101batchload.txt file that is generated by the Item Master Batch Load program (R8941F4101).  This value is an example: <i>\\machine\pyexport.</i>
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_ItemMaster_To_E_Item	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_ItemMaster_To_E_Item	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machine:port/PSIGW/HttpListeningConnector.</i>
PSFT_JD Edwards EnterpriseOne_ SRM, RealTimeDataSyncs, E1_ItemMaster_To_E_Item	Valid Stocking Types	Specify the stocking types to be transferred in the ITEM_SYNC message for the incremental sync of items.  Separate multiple values with a pipe character ( ).  This value is an example: <i>S P N O</i> .  For the batch load of items, you run the integration once for each stocking type that you want to integrate.

## Item Units of Measure

The integration options in this section are used by these flows:

- PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_ItemUOM\_To\_E\_ItemUOM
- PSFT\_JD Edwards EnterpriseOne\_SRM.RealTimeDataSyncs.E1\_ItemUOM\_To\_E\_ItemUOM

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_ItemUOM_To_E_ItemUOM	Default SetID	Specify the default setID for unit of measure conversion entries.  This value is an example: <i>SHARE</i> .



Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemUOM_To_E_ItemUOM	Directory From Location - E1	Specify the directory that contains the ShipToBatchLoad.txt file that is generated by the Extract Branch/Plant Ship Tos program (R89F41001).  This value is an example: <i>\\machinename\pyexport.</i>
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemUOM_To_E_ItemUOM	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemUOM_To_E_ItemUOM	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>

## Item Costs

The integration options in this section are used by these flows:

- PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_ItemCost\_To\_E\_Item
- PSFT\_JD Edwards EnterpriseOne\_SRM.RealTimeDataSyncs.E1\_ItemCost\_To\_E\_Item

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemCost_To_E_Item	Directory From Location - E1	Specify the directory that contains the f4105batchload.txt file that is generated by the Item Cost Batch Load program (R8941F4105).  This value is an example: <i>\\machinename\pyexport.</i>
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemCost_To_E_Item	Item Cost SetID	Specify the default setID for item cost entries.  This value is an example: <i>SHARE</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_ItemCost_To_E_Item	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_ItemCost_To_E_Item	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>

## Supplier Costs to Item Price Lists

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_SupplierItemCost\_To\_E\_SRM\_ItemPriceList flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_SupplierItemCost_To_E_SRM_ ItemPriceList	Directory From Location - E1	Specify the directory that contains the v4101FJbatchload.txt file that is generated by Item Cost Batch Load program (R89F4101A).  This value is an example: <i>\\machinename\pyexport.</i>
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_SupplierItemCost_To_E_SRM_ ItemPriceList	Supplier Item Cost Set ID	Specify the default setID for item price list entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_SupplierItemCost_To_E_SRM_ ItemPriceList	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_SupplierItemCost_To_E_SRM_ ItemPriceList	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>

## Ship To Locations

The integration options in this section are used by these flows:

- PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_ShipTo\_To\_E\_ShipToLocation
- PSFT\_JD Edwards EnterpriseOne\_SRM.RealTimeDataSyncs.E1\_ShipToRTE\_To\_E\_ShipToLocation
- PSFT\_JD Edwards EnterpriseOne\_SRM.RealTimeDataSyncs.E1\_AddressBookRTE\_To\_E\_ShipToLocation

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ShipTo_To_E_ShipToLocation	Default Set ID	Specify the default setID for ship to location entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ShipTo_To_E_ShipToLocation	Directory From Location - E1	Specify the directory that contains the ShipToBatchLoad.txt file that is generated by the Extract Branch/Plant Ship Tos program (R89F41001).  This value is an example: \\machinename\pyexport.
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ShipTo_To_E_ShipToLocation	In File Name - E1	Specify the name of the flat file that is generated by the JD Edwards EnterpriseOne system.  This value is an example: <i>ShipToBatchLoad.txt</i>
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ShipTo_To_E_ShipToLocation	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ShipTo_To_E_ShipToLocation	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector</i> .

## Bills of Material

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_BillofMaterials\_To\_E\_BOM flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_BillofMaterials_To_E_BOM	Bom State	Specify the BOM State in the PeopleSoft Enterprise system, either Manufacturing or Engineering.  The default value is <i>PR</i> (Manufacturing).

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_BillofMaterials_To_E_BOM	Directory From Location - E1	Specify the directory that contains the ShipToBatchLoad.txt file that is generated by the Extract Branch/Plant Ship Tos program (R89F41001).  This value is an example: <i>\\machine\pyexport.</i>
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_BillofMaterials_To_E_BOM	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_ SRM, InitialBatchLoads, E1_BillofMaterials_To_E_BOM	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machine:port/PSIGW/HttpListeningConnector.</i>

## Purchase Orders

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_SRM.StrategicSourcing.E\_Sourcing\_To\_E1\_PurchaseOrder flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM, StrategicSourcing, E_Sourcing_To_E1_PurchaseOrder	Processing Version - E1 Blanket Order	Specify the version of the Enter Purchase Orders program (P4310) to use when creating blanket orders for PeopleSoft Enterprise Sourcing award type contract (CON). The purchase order is created in the JD Edwards EnterpriseOne system using the document type and other settings from the processing options of the version that you specify.  This value is an example: <i>ZJDE0006</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM, StrategicSourcing, E_Sourcing_To_E1_PurchaseOrder	Processing Version - E1 Purchase Order	Specify the version of the Enter Purchase Orders program (P4310) to use when creating purchase orders for PeopleSoft Enterprise Sourcing award type purchase order (GEN). The purchase order is created in the JD Edwards EnterpriseOne system using the document type and other settings from the processing options of the version you specify.  This value is an example: <i>ZJDE0005</i> .
PSFT_JD Edwards EnterpriseOne_ SRM, StrategicSourcing, E_Sourcing_To_E1_PurchaseOrder	Service Line Type	Specify the order line type that you use to distinguish service purchase orders in the JD Edwards EnterpriseOne system.  The default value is <i>J</i> .  <b>Note.</b> If you are integrating both PeopleSoft Enterprise Strategic Sourcing and PeopleSoft Enterprise eProcurement with JD Edwards EnterpriseOne Procurement, make sure that you use a different JD Edwards EnterpriseOne document type for purchase orders that originate in Strategic Sourcing than you do for purchase orders that originate in eProcurement.

See [Chapter 32, “Setting Up Prerequisite Data for the Strategic Sourcing Integration,” Setting Up Manual Data for the Strategic Sourcing Integration, page 265.](#)

## Tiered Pricing

The integration options in this section are used by the PSFT\_EnterpriseOne\_SRM:StrategicSourcing:E\_TierPricing\_To\_E1\_Pricing flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM, StrategicSourcing, E_TierPricing_To_E1_Pricing	Default Catalog	Specify the catalog ID that is assigned to JD Edwards EnterpriseOne pricing records that are created from PeopleSoft Enterprise tiered pricing records. The catalog that you enter must be a value in UDC 40/CN in the JD Edwards EnterpriseOne system.

## Bidder to Vendor and Supplier

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_SRM.StrategicSourcing.E\_Vendor\_To\_E1\_Supplier flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM, StrategicSourcing, E_Vendor_To_E1_Supplier	SupplierSearchType	Specify the search type for suppliers in the JD Edwards EnterpriseOne system.  The default value is <i>V</i> .
PSFT_JD Edwards EnterpriseOne_ SRM, StrategicSourcing, E_Vendor_To_E1_Supplier	SyncTimeOut	Specify the number of milliseconds that the Integration Server should wait before timing out when sending a message.

**See Also**

Chapter 4, “Setting Up Integrations in the Integration Server,” Setting Up Integration Options and Cross References, page 24

## CHAPTER 32

# Setting Up Prerequisite Data for the Strategic Sourcing Integration

This chapter discusses how to:

- Set up manual data for the Strategic Sourcing integration.
- Load master data for the Strategic Sourcing integration.
- Set up cross-references for the Strategic Sourcing integration.

---

## Setting Up Manual Data for the Strategic Sourcing Integration

Due to their static nature, certain entities must be manually synchronized between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.

You must load the values for these JD Edwards EnterpriseOne codes into the PeopleSoft Enterprise system before you run the integration:

PeopleSoft Enterprise Field	JD Edwards EnterpriseOne Field	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Navigation
Business Unit	Branch/Plant	Set Up Financials/Supply Chain, Business Unit Related, Sourcing, Business Unit Definition	Procurement System Setup (G43A41), Branch/Plant Constants
Country	Country	Set Up Financials/Supply Chain, Common Definitions, Location, Country	UDC 00/CN
Currency Code	Currency Code	Set Up Financials/Supply Chain, Common Definitions, Currency, Currency Code	Multi-Currency Setup (G1141), Designate Currency Codes
Freight Terms	Freight Handling Code	Set Up Financials/Supply Chain, Common Definitions, Shipping and Receiving, Freight Terms	UDC 42/FR

PeopleSoft Enterprise Field	JD Edwards EnterpriseOne Field	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Navigation
Item Category	Item Master Commodity Class Codes	Items, Define Controls, Item Categories	Inventory Master /Transactions (G4111), Item Master  Select Category Codes, Commodity Class from the Row menu.  Use UDC 41/P1 to set up valid commodity classes.
Manufacturing Business Unit	Branch/Plant	Items, Define Items and Attributes, Define Business Unit Item	Procurement System Setup (G43A41), Branch/Plant Constants.
Payment Terms	Payment Terms	Set Up Financials/Supply Chain, Product Related, Procurement Options, Payments, Payment Terms – Single Payment	Payment Terms Revisions (G00141), Payment Terms Revisions
Ship Via Codes	Mode of Transport	Set Up Financials/Supply Chain, Common Definitions, Shipping and Receiving, Ship Via Codes	UDC 00/TM
State	State	Set Up Financials/Supply Chain, Common Definitions, Location, State	UDC 00/S
N/A	Tax Rate Areas Tax Explanation Codes	N/A	Tax Processing and Reporting (G0021), Tax Rate/Areas
Unit of Measure	Unit of Measure	Set Up Financials/Supply Chain, Common Definitions, Units of Measure, Units of Measure	UDC 00/UM
Vendor Roles	Supplier	<ul style="list-style-type: none"> <li>Vendors, Vendor Information, Add-Update, Vendor, Vendor User, or Define Vendor User</li> <li>Vendors, Vendor Information, Add-Update, Vendor User</li> <li>Vendors, Vendor Information, Add-Update, Define Vendor User</li> </ul>	Daily Processing (G0110), Address Book Revisions  Use Search Type UDC (01/ST)



## Business Units

Manually enter the JD Edwards EnterpriseOne business unit (MCU) value for the branch/plant as the description of the branch/plant in the PeopleSoft Enterprise system. Entering the JD Edwards EnterpriseOne business unit number in the PeopleSoft Enterprise system makes it easier to look up corresponding branch/plants in the two systems.

## Countries

The default in the PeopleSoft Enterprise system is a three-digit value; two-digit values need to be set up. A blank value in JD Edwards EnterpriseOne user defined codes is invalid when running this integration.

## Currency Codes

A blank value in the JD Edwards EnterpriseOne system is invalid when running this integration.

## Item Categories and Item Master Commodity Class Codes

The PeopleSoft Enterprise system has both a category ID and a category name. The category ID is assigned by next numbers. You should enter category names in the PeopleSoft Enterprise system that match the commodity class codes in UDC 41/P1 in the JD Edwards EnterpriseOne system.

## Manufacturing Business Units and Branch/Plants

You must set up business unit and item relationships in the PeopleSoft Enterprise system by using valid branch plants and items from the JD Edwards EnterpriseOne system in order to integrate bills of material.

The business unit and item relationship in the PeopleSoft Enterprise system has no correlation with the branch plant and item relationship in the JD Edwards EnterpriseOne system.

## Payment Terms

This integration supports simple payment terms only.

## States

State codes in the PeopleSoft Enterprise system have an associated two-digit country code.

You must associate states with countries in the JD Edwards EnterpriseOne system. Make sure that you use country codes that are valid in the JD Edwards EnterpriseOne system when you set up these relationships.

## Tax Rate Areas

You must set up a tax rate area named and a tax explanation code for entities that are tax exempt. You must also specify this tax rate area and tax explanation code in the integration options for the processPurchaseOrder interface flow.

See [Chapter 31, “Setting Up the PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement Integration,” Setting Up Integration Options for the Strategic Sourcing Integration, page 254.](#)

If a purchase order award is sent from the PeopleSoft Enterprise system with any value in the Tax Exempt Certificate field, the purchase order is created in the JD Edwards EnterpriseOne system with the tax rate area and tax explanation code that you specified in these integration options.

## Units of Measure

Dual unit of measure transactions are not supported for this integration.

The default in the PeopleSoft Enterprise system is a three-digit value; two-digit values need to be set up.

## Vendor Roles and Suppliers

The Supplier Master Batch Load automatically loads all JD Edwards EnterpriseOne suppliers to PeopleSoft Enterprise vendors. You must manually set up vendor roles in the PeopleSoft Enterprise system only. They are used to set up the vendor's user ID, define the actions that the vendor can complete, and enable the vendor to sign on to the PeopleSoft Enterprise system.

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## Loading Master Data for the Strategic Sourcing Integration

This section provides overviews of the process of loading JD Edwards EnterpriseOne data into PeopleSoft Enterprise tables and of the synchronization of master data for the Strategic Sourcing integration, lists prerequisites, and discusses how to:

- Set processing options for Account Master Batch Load (R8909F0901).
- Set processing options for Supplier Master Batch Load (R8901F0401).
- Set processing options for Item Master Batch Load (R8941F4101).
- Set processing options for Item Cost Batch Load (R8941F4105).
- Set processing options for Supplier Price Batch Load - F41061 (R8945F4161).
- Set processing options for Unit of Measure Batch Load (R89F41002).
- Run batch integrations in the Integration Server for the Strategic Sourcing integration.

## Understanding the Loading JD Edwards EnterpriseOne Data into PeopleSoft Enterprise Tables for the Strategic Sourcing Integration

Perform initial loading of this JD Edwards EnterpriseOne data to corresponding PeopleSoft Enterprise tables:

- Accounts
- Suppliers
- Items
- Item Cost
- Supplier Item Cost (optional)
- Ship To
- Bill of Materials
- Item Unit of Measure Conversions

This table describes the initial data loads that you must perform:

Table Conversion Program	Export File Name	Batch Integration Flow	PeopleSoft Enterprise Message
Account Master Batch Load (R8909F0901)	f0901batchload.txt	E1_Account_To_E_SRM_Account: convertAccountToAccountLoad	SAC_ACCT_LOAD_EIP
Supplier Master Batch Load (R8901F0401)	f0401batchload.txt	E1_Supplier_To_E_Vendor: convert_E1_Supplier_To_E_Vendor_And_Dispatch	VENDOR_SYNC
Item Master Batch Load (R8941F4101)	f4101batchload.txt	E1_ItemMaster_To_E_Item: convert_E1_ItemMaster_To_E_Item	ITEM_SYNC
Item Cost Batch Load (R8941F4105)	f4105batchload.tx	.E1_ItemCost_To_E_Item: convert_E1_ItemCost_To_E_Item	ITEM_SYNC
Supplier Price Batch Load - F41061 (R8945F4161)	v4101FJbatchload.txt	E1_SupplierItemCost_To_E_SRM_ItemPriceList: convertSupplierItemCostToItemPriceList	ITEM_PRICELIST_LOAD
Extract Branch /Plant Ship Tos (R89F41001)	ShipToBatchLoad.txt	E1_ShipTo_To_E_ShipToLocation: convert_ShipTo_To_ShipToLocation	SHIPTO_LOCATION
Bill of Materials Batch Load (R8930F3002)	F3002BatchLoad.txt	E1_BillofMaterials_To_E_BOM: convert_E1_BOM_To_E_BOM	BOM_SYNC
Unit of Measure Batch Load (R89F41002)	F41002BatchLoad.txt	E1_ItemUOM_To_E_ItemUOM: convert_E1_ItemUOM_To_E_ItemUOM	ITEM_SYNC

**Note.** The integration service flows for the batch loads are located in the PSFT\_JD Edwards EnterpriseOne\_SRM/ InitialBatchLoads folder.

## Account Master Batch Load

This initial batch load sends account information from the JD Edwards EnterpriseOne Account Master table (F0901) to the PeopleSoft Enterprise GL\_ACCOUNT\_TBL table.

The integration server sends the object and subsidiary portions of the JD Edwards EnterpriseOne account number, separated by the account delimiter from the JD Edwards EnterpriseOne General Constants table (F0009).

Only certain ranges of general ledger account numbers need to be integrated. For example, you might want to load only the expense accounts that support the items or services that are being placed on the requisitions.

You can limit the general ledger accounts that are integrated for the initial batch load by using the processing options on the Account Master Batch Load program (R8909F0901). Expense accounts tend to fall into certain ranges. For example, if the JD Edwards EnterpriseOne expense accounts are within object account numbers 1000-1499, and 5000-5499, then set up those ranges for the initial batch load and only those object account numbers are integrated with the PeopleSoft Enterprise system.

You can use a realtime event to integrate accounts that are added after the initial batch load. However, the realtime event does not recognize the account range that you define for the initial batch load and may integrate accounts that are outside of this range. If you prefer not to use a realtime event to integrate account additions, you can run the Account Master Batch Load again, specifying an effective date and the appropriate account range in the processing options of the table conversion program.

The account message is written to a staging table in the PeopleSoft Enterprise system. If the message is validated in the staging table, the process scheduler runs the account loader to update the PeopleSoft Enterprise tables.

SAC\_ACCT\_LOAD\_EIP does not include an action code. Therefore, when you integrate an object account and subsidiary combination that has already been integrated, the system assumes that it is a change to the existing object account and subsidiary combination and overwrites the record in the PeopleSoft Enterprise system.

See Chapter 2, “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications,” Table Conversion Programs, page 7.

See Chapter 31, “Setting Up the PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement Integration,” Setting Up Integration Options for the Strategic Sourcing Integration, page 254.

## Supplier Master Batch Load

This initial batch load sends supplier records from these JD Edwards EnterpriseOne tables to the PeopleSoft Enterprise VENDOR table:

- Supplier Master (F0401).
- Address by Date (F0116).
- Address Book - Who's Who (F0111).
- Address Book - Contact Phone Numbers (F0115).
- Electronic Address (F01151).

Vendors are automatically assigned the vendor persistence setting regular in the PeopleSoft Enterprise system.

The alpha name from the f0401batchload.txt file, which comes from the Alpha Name field (ALPH) in the Address Book Master table (F0101), is truncated to 14 characters and is mapped to the VENDOR\_NAME\_SHORT field in the VENDOR\_SYNC EIP. If the combination of the VENDOR\_NAME\_SHORT and the SETID for a record is not unique, the VENDOR\_SYNC cannot process the record and returns an error.

Effective-dated supplier records are not supported.

Any subsequent additions or changes to supplier information in the JD Edwards EnterpriseOne system that occur after the initial batch load is run should be sent to the PeopleSoft Enterprise system by the realtime event. Should you choose to reprocess the initial batch load rather than using the realtime event, additions are processed, but changes to existing supplier records produce errors. Deletions of supplier records are not supported at this time.

## Item Master Batch Load

This initial batch load sends items from the JD Edwards EnterpriseOne Item Master table (F4101) to the PeopleSoft Enterprise Item Master, MASTER\_ITEM, INV\_ITEM tables.

---

**Important!** You must run the account master batch load before you run the item master batch load so that the items can be attached to valid accounts.

---

You must run the item master batch integration, including running both the table conversion program and the integration flow, once for each stocking type that you want to integrate. You should not include stocking types that are obsolete.

If you run the item master batch integration a second time for a single stocking type because of a problem with the initial load, you must clear the item key cross-reference before you rerun the batch integration.

See [Chapter 32, “Setting Up Prerequisite Data for the Strategic Sourcing Integration,” Setting Up Key Cross-References for the Strategic Sourcing Integration, page 281.](#)

The item message is written to a staging table in the PeopleSoft Enterprise system. If the message is validated in the staging table, the process scheduler runs the item loader to update the PeopleSoft Enterprise SRM tables.

The integration does not support configured items (stocking type C). If you load configured items from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system, the items are added, but the configuration is not maintained. If you load a parent configured item, the child configurations are not maintained.

Effective-dated items are not supported.

If approval processing is not activated in the PeopleSoft Enterprise system, items are automatically set to the pending approval (active) status.

Any subsequent additions, changes, or deletions/obsoletions of item master records in the JD Edwards EnterpriseOne system that occur after the initial batch load is run should be sent to the PeopleSoft Enterprise system by the realtime event. Should you choose to reprocess the initial batch load rather than using the realtime event, additions are processed, but changes and deletions produce errors.

## Item Cost Batch Load

This initial batch load sends item cost information from the JD Edwards EnterpriseOne Item Cost File table (F4105) to the standard price for an item in the PeopleSoft Enterprise PURCH\_ITEM\_ATTR table.

---

**Important!** You must run the item master batch load before you run the item cost batch load.

---

The process of determining whether to load the cost information for an item depends on the cost level of the item. This table explains the process:

Cost Level	Process
1	The table conversion program compares the Purchasing Cost Method (PCSM) to the Cost Method (LEDG) in the Item Cost File table (F4105). If the two cost methods are the same, the record is written to the flat file.

Cost Level	Process
2	The table conversion program compares the value in the Branch/Plant processing option on the table conversion program to the Branch Plant (MCU) in the Item Cost File table (F4105). If two branch plants are the same, the table conversion compares the Purchasing Cost Method (PCSM) to the Cost Method (LEDG) in the Item Cost File table (F4105). If the two cost methods are the same, the record is written to the flat file.
3	The table conversion program compares the value in the Branch/Plant processing option on the table conversion program to the Branch Plant (MCU) in the Item Cost File table (F4105). If two branch plants are the same, the table conversion compares the primary location (LOCN) from the Item Location File table (F41021) with the primary location (LOCN) from the Item Cost File table (F4105). If the two primary locations are the same, the table conversion compares the Purchasing Cost Method (PCSM) to the Cost Method (LEDG) in the Item Cost File table (F4105). If the two cost methods are the same, the record is written to the flat file.

---

**Note.** If an item cost record fails any test described in the preceding table, that record is not written to the flat file.

---

The item cost message is written to a staging table in the PeopleSoft Enterprise system. If the message is validated in the staging table, the process scheduler runs the item loader to update the PeopleSoft Enterprise SRM tables.

If you run the item cost batch integration a second time because of a problem with the initial load, you must clear the itemcost key cross-reference before you rerun the batch integration.

Any subsequent additions or changes to item cost information in the JD Edwards EnterpriseOne system that occur after the initial batch load is run should be sent to the PeopleSoft Enterprise system by the realtime event. Should you choose to reprocess the initial batch load rather than use the realtime event, additions are processed, but changes produce errors. Deletions are not supported at this time.

### Supplier Price Batch Load

This initial batch load sends supplier item cost information from the JD Edwards EnterpriseOne Supplier Price/Catalog File table (F41061) to the PeopleSoft Enterprise ITEM\_VENDOR\_UOM staging tables.

The supplier price batch load is optional.

---

**Important!** The Supplier Price batch load requires that two additional programs are run in the PeopleSoft Enterprise system in order to properly load the tables.

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See PeopleSoft Enterprise Managing Items 8.9 Implementation Guide, “Loading Items.”

The Quantity Break field in JD Edwards EnterpriseOne table F41061 is not sent to the PeopleSoft Enterprise system. If table F41061 contains two records for the same item with the same UOM (unit of measure), one with a Quantity Break and one without, the batch load fails.

The PeopleSoft Enterprise system assumes that the unit of measure on the first supplier price record is the default unit of measure. However, the first record that is sent from the JD Edwards EnterpriseOne system might not use the standard unit of measure for the item. After you perform the initial load of supplier prices, you may need to correct the default unit of measure in the PeopleSoft Enterprise system.

## Ship To Batch Load

This initial batch load sends ship to information from the JD Edwards EnterpriseOne Inventory Constants table (F41001) to the PeopleSoft Enterprise SHIPTO\_TBL, SUT\_DFLT\_TBL, COMMENTS\_TBL, and LOCATION\_TBL tables.

The mailing name from the JD Edwards EnterpriseOne system is truncated to 30 characters in the PeopleSoft Enterprise system and the alpha name is truncated to 10 characters in the PeopleSoft Enterprise system.

If you are using both the Sourcing integration and version two or later of the eProcurement integration, you must run the batch load for each integration by running the R89F41001 table conversion for the Sourcing integration and the R8901F0101 table conversion for the eProcurement integration. You then run the E1\_ShipTo-To\_E\_ShipToLocation flow twice, specifying the appropriate flat file name in the In File Name - E1 integration option before each time you run the flow.

If you run the ship to batch integration a second time because of a problem with the initial load, you must clear the shipto cross-reference before you rerun the batch integration.

Any subsequent additions or changes to ship to locations that occur in the JD Edwards EnterpriseOne system after the initial batch load is run should be sent to the PeopleSoft Enterprise system by the realtime event.

## Bill of Materials Batch Load

This initial batch load sends bill of material (BOM) information from the JD Edwards EnterpriseOne Bill of Material Master File table (F3002) to the PeopleSoft Enterprise EN\_BOM\_HEADER, EN\_BOM\_OUTPUTS, EN\_BOM\_COMPS, and EN\_REF\_DESIG2 tables.

Before you run the bill of materials batch load you must:

- Run the item master batch load.
- Manually set up business units in both the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.

See [Chapter 32, “Setting Up Prerequisite Data for the Strategic Sourcing Integration,” Setting Up Manual Data for the Strategic Sourcing Integration, page 265.](#)

- Define the business unit item in the PeopleSoft Enterprise system.

The Revision Control check box on the Define Business Unit Item - Manufacturing: General page must not be selected.

See PeopleSoft Enterprise Managing Items 8.9 Implementation Guide, “Defining Items by Business Unit,” Defining Items at the Business Unit Level, Defining Manufacturing Information for an Item.

- Set up the *billtype* code cross-reference.

See [Chapter 32, “Setting Up Prerequisite Data for the Strategic Sourcing Integration,” Setting Up Code Cross-References for the Strategic Sourcing Integration, page 284.](#)

- In the PeopleSoft Enterprise system, set the obsolete date on the Manufacturing Options - BOM Message Default page to December 31, 2099.

See PeopleSoft Enterprise Manufacturing 8.9 Implementation Guide, “Setting Up PeopleSoft Enterprise Manufacturing,” Defining Your Business Unit Structure, Establishing Manufacturing Business Units, Setting Up BOM Messages.

The BOM message is written to a staging table in the PeopleSoft Enterprise system. If the message is validated in the staging table, the process scheduler runs the BOM loader to update the PeopleSoft Enterprise SRM tables.

The QTY\_PER field in the BOM message is limited to five digits before the decimal place and four digits after. The standard quantity required that is entered on a BOM in JD Edwards EnterpriseOne must adhere to this decimal limitation.

---

**Note.** You must ensure that the CBLBIN parameter in the Process Scheduler section of the PeopleSoft Process Configuration file is correctly pointing to the path of the COBOL executables. You cannot use a PS\_HOME environment variable, because PSADMIN employs the PS\_HOME environment variable to point to a local directory on the batch server.

---

## Item Unit of Measure Batch Load

This initial batch load sends unit of measure (UOM) conversion information from the JD Edwards EnterpriseOne Item Units of Measure Conversion Factors to the PeopleSoft Enterprise INV\_ITEM\_UOM and UOM\_TYPE\_INV tables.

The PeopleSoft Enterprise system supports only unit of measure conversions from or to the primary (lowest) unit of measure. For example, if the primary unit of measure for an item is *EA* (each), a conversion from *BX* (boxes) to *EA* is supported, and a conversion from *EA* to *CA* (cases) is supported, but a conversion between *BX* (boxes) and *CA* (cases) is not supported.

Also, PeopleSoft Enterprise conversion rates cannot exceed seven integers and eight decimal places. A JD Edwards EnterpriseOne conversion rate with more than seven integers or eight decimals (for example, 12345678.0 or 0.123456789) cannot be integrated with the PeopleSoft Enterprise system.

If the primary unit of measure is equal to the From unit of measure, the integration flow sends the regular conversion factor to PeopleSoft Enterprise. If the primary unit of measure is equal to the To unit of measure, the integration flow sends the inverse conversion factor to PeopleSoft Enterprise.

The item unit of measure message is written to a staging table in the PeopleSoft Enterprise system. If the message is validated in the staging table, the process scheduler runs the item loader to update the PeopleSoft Enterprise SRM tables.

If you run the item unit of measure integration a second time because of a problem with the initial load, you must clear the itemUOM key cross-reference before you rerun the batch integration.

Any subsequent additions or changes to item unit of measure conversions that occur in the JD Edwards EnterpriseOne system after the initial batch load is run should be sent to the PeopleSoft Enterprise system by the realtime event. Should you choose to reprocess the initial batch load rather than using the realtime event, additions are processed, but changes produce errors. Deletes are not supported at this time.

## See Also

Chapter 32, "Setting Up Prerequisite Data for the Strategic Sourcing Integration," Setting Up Key Cross-References for the Strategic Sourcing Integration, page 281

PeopleSoft Enterprise Managing Items 8.9 Implementation Guide, "Loading Items"

PeopleSoft Enterprise Manufacturing 8.9 Implementation Guide, "Processing Staged BOMs"

## Understanding the Synchronization of Master Data for the Strategic Sourcing Integration

Some changes to JD Edwards EnterpriseOne companies, business units, and accounts may be to fields that are not integrated with the PeopleSoft Enterprise system. As a result, some incremental sync messages processed by the PeopleSoft Enterprise system might contain no changes to integrated data.



This table describes the incremental syncs provided in this integration:

<b>JD Edwards EnterpriseOne Realtime Event</b>	<b>Published Interface Document</b>	<b>Integration Service Flow</b>	<b>EIP</b>
RTSMOUT	notifySupplierEvent PublishDocument	E1_Supplier_To_E_Vendor: convert_E1_Supplier_To_E_Vendor	VENDOR_SYNC
RTAMOUT	notifyGLAccountEvent PublishDocument	E1_Account_To_E_Account: convert_E1_AccountMaster_To_E_Account	SAC_ACCT_LOAD_EIP
RTABOUT	notifyAddressBook PublishDocument	E1_AddressBookRTE_To_ShipToLocation: convert_E1_AddressBookRTE_To_E_ShipToLocation	LOCATION_SYNC SHIPTO_LOCATION
RTSHPOUT	notifyShipToEvent PublishDocument	E1_ShipToRTE_To_ShipToLocation: convert_E1_ShipToRTE_To_E_ShipToLocation	SHIPTO_LOCATION
RTIMOUT	notifyItemMasterEvent PublishDocument	E1_ItemMaster_To_E_Item: convert_E1_ItemMaster_To_E_Item	ITEM_SYNC
RTCOSTOUT	notifyItemCostEvent PublishDocument	E1_ItemCost_To_E_Item: convert_E1_ItemCost_E_Item	ITEM_SYNC
RTUOMOUT	notifyItemUOMEvent PublishDocument	E1_ItemUOM_To_E_ItemUOM: convert_E1_ItemUOM_To_E_ItemUOM	ITEM_SYNC

**Note.** The integration service flows for the incremental syncs are located in the PSFT\_JD Edwards EnterpriseOne\_SRM, RealTimeDataSyncs folder.

## Suppliers

Effective dating of suppliers is not supported; the JD Edwards EnterpriseOne system sends an effective date of January 01, 1900 to the PeopleSoft Enterprise system for all suppliers. Therefore, the supplier incremental sync supports only the effective address, not future addresses.

Also, the supplier incremental sync supports only one address, one contact, and one email address for each supplier.

## Accounts

You can use data selection to include a range of accounts for the initial load. However, data selection is not available for the incremental synchronization of accounts.

The JD Edwards EnterpriseOne system invokes the realtime event for accounts when accounts are added, but not when accounts are changed or deleted. If you delete an account in the JD Edwards EnterpriseOne system, you must also manually delete that account in the PeopleSoft Enterprise system.

## Ship To Locations

When you change a ship to location in the JD Edwards EnterpriseOne system, the RTABOUT realtime event is picked up by the E1\_AddressBookRTE\_To\_E\_ShipToLocation flow, which sends the data to the LOCATION\_SYNC EIP and the SHIPTO\_LOCATION EIP. When you add a ship to location in the JD Edwards EnterpriseOne system, the RTSHPOUT realtime event is picked up by the E1\_ShipToRTE\_To\_E\_ShipToLocation flow, which sends data to the SHIPTO\_LOCATION EIP.

When you change an address book record for a ship to location in the JD Edwards EnterpriseOne system, you see two instances of the SHIPTO\_LOCATION EIP in the PeopleSoft Enterprise Integration Broker Message Monitor, one for inbound and one for outbound. This integration uses only the inbound EIP.

You must enter a value of 2 (Populate Both Contact Information Fields and Array) in the Configure Contact Information processing option 1 to 2 on the Address Book Master Real Time Event Wrapper Application (P010085). If you do not set this processing option, the XML message that is sent to the PeopleSoft Enterprise system does not contain the correct information.

The incremental sync of ship to locations does not support deletions. If you delete a ship to location in the JD Edwards EnterpriseOne system, you must manually inactivate the corresponding ship to location in the PeopleSoft Enterprise system.

Effective dating of ship to locations is not supported.

## Items

When you delete an item in the JD Edwards EnterpriseOne system, the item future status is marked as inactive in the PeopleSoft Enterprise system.

Unit of Measure - Weight and Unit of Measure - Volume are not supported on the item realtime event. However, these fields are included on the initial load.

## Unit of Measure Conversions

You must manually keep the unit of measure master values in sync between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system. The JD Edwards EnterpriseOne system invokes the realtime event for unit of measure conversions when records are added or changed, but not when records are deleted. If you delete a unit of measure conversion in the JD Edwards EnterpriseOne system, you must manually delete the key cross-reference for itemUOM in the WSG Configuration Editor and the corresponding unit of measure conversion in the PeopleSoft Enterprise system.

## Prerequisites

Before you load the master data described in this section:

- Set up UTF-8 encoding in the JD Edwards EnterpriseOne system so that the flat files that are created by the table conversion problems will be encoded correctly.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Unicode Flat File Encoding, page 20.](#)

- Set up the export folder where the JD Edwards EnterpriseOne table conversions will create the flat files.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Export Folder for Table Conversions, page 20.](#)

- Activate realtime events in the JD Edwards EnterpriseOne system.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Realtime Events, page 20.](#)

## Setting Processing Options for Account Master Batch Load (R8909F0901)

Processing options enable you to specify the default processing for programs and reports.

### Default

#### Date - From

Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Account Master table (F0901). If you leave this processing option blank, the table conversion selects all records in table F0901.

For the initial load of accounts, leave this processing option blank to select all business units.

#### Time - From

Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from table F0901.

For the initial load of accounts, leave this processing option blank to select all business units.

#### Business Unit - From

Specify the first business unit in a range of business units. The table conversion selects accounts within the business unit range that you specify.

If you leave this processing option blank and complete the Business Unit - To processing option, the system selects accounts with business units up to and including the business unit specified in the Business Unit - To processing option. If you leave both this processing option and the Business Unit - To processing option blank, all business units are valid for selection.

#### Business Unit - To

Specify the last business unit in a range of business units. The table conversion selects accounts within the business unit range that you specify.

If you leave this processing option blank and complete the Business Unit - From processing option, the system selects accounts with business units from and including the business unit specified in the Business Unit - From processing option. If you leave both this processing option and the Business Unit - From processing option blank, all business units are valid for selection.

#### Object Account - From

Specify the first object account in a range of object accounts. The table conversion selects accounts within the object account range that you specify.

If you leave this processing option blank and complete the Object Account - To processing option, the system selects accounts with object accounts up to and including the object specified in the Object Account - To processing option. If you leave both this processing option and the Object Account - To processing option blank, all object accounts are valid for selection.

#### Object Account - To

Specify the last object account in a range of object accounts. The table conversion selects accounts within the object account range that you specify.

If you leave this processing option blank and complete the Object Account - From processing option, the system selects accounts with object accounts from and including the object specified in the Object Account - From processing option. If you leave both this processing option and the Object Account - From processing option blank, all object accounts are valid for selection.

#### Subsidiary

Specify the subsidiary that the table conversion uses to select accounts.

If you leave this processing option blank, all subsidiaries are valid for selection.

## Setting Processing Options for Supplier Master Batch Load (R8901F0401)

Processing options enable you to specify the default processing for programs and reports.

### Default

- 1. Date - From** Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Supplier Master table (F0401). If you leave this processing option blank, the table conversion selects all records in the F0401 table.
- For the initial load of suppliers, leave this processing option blank to select all business units.
- 2. Time - From** Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from the F0401 table.
- For the initial load of suppliers, leave this processing option blank to select all business units.

## Setting Processing Options for Item Master Batch Load (R8941F4101)

Processing options enable you to specify the default processing for programs and reports.

### Default

- Date - From** Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Item Master table (F4101). If you leave this processing option blank, the table conversion selects all records in the F4101 table.
- For the initial load of items, leave this processing option blank to select all business units.
- Time - From** Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from the F4101 table.
- For the initial load of items, leave this processing option blank to select all business units.
- Stocking Type** Specify the stocking type for nonstock transactions. The default value is *N*.

## Setting Processing Options for Item Cost Batch Load (R8941F4105)

Processing options enable you to specify the default processing for programs and reports.

## Default

<b>Default Business Unit</b>	Specify the default branch plant to be used when creating the flat file for items at cost level 2 or 3. If the branch plant you enter does not match the branch plant of the selected record, the record is not written to the flat file. If you leave this processing option blank, the item cost flat file is generated for all branch plants.
<b>Default Location</b>	Specify the default location for items at cost level 3. Enter <i>1</i> to select item cost records based on their primary location as defined in the Item Location File table (F41021). Leave this processing option blank to create the item cost flat file for all locations.
<b>Stocking Type</b>	Specify the stocking type for nonstock transactions. The default value is <i>N</i> .

---

**Note.** This integration supports only nonstock transactions.

---

## Setting Processing Options for Supplier Price Batch Load - F41061 (R8945F4161)

Processing options enable you to specify the default processing for programs and reports.

### Default

<b>Date - From</b>	Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Supplier Price/Catalog File table (F41061). If you leave this processing option blank, the table conversion selects all records in the F41061 table.  For the initial load of supplier price, leave this processing option blank to select all business units.
<b>Time - From</b>	Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from the F41061 table.  For the initial load of supplier price, leave this processing option blank to select all business units.

## Setting Processing Options for Unit of Measure Batch Load (R89F41002)

Processing options enable you to specify the default processing for programs and reports.

### Default

<b>Business Unit</b>	Specify the branch/plant that the table conversion uses to select records from the Item Units of Measure Conversion Factors table (F41002). If you leave this processing option blank, the table conversion selects all records in the F41002 table.  For the initial load of unit of measure conversions, leave this processing option blank to select all branch/plants.
----------------------	--

## Running Batch Integrations in the Integration Server for the Strategic Sourcing Integration

Use JD Edwards EnterpriseOne WSG Integration Server or WSG Developer to invoke the batch integrations. The batch integration contains a flow service, which performs the necessary data transformations and exports an XML file that the PeopleSoft Enterprise system can receive.

To run the batch integrations manually, invoke these services:

Integration Service	Navigation
E1_Account_To_E_SRM_Account	PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_Account_To_E_SRM_Account, convertAccountToAccountLoad
E1_Supplier_To_E_Vendor	PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_Supplier_To_E_Vendor, convert_E1_Supplier_To_E_Vendor_and_Dispatch
E1_ItemMaster_To_E_Item	PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemMaster_To_E_Item, convert_E1_ItemMaster_To_E_Item
E1_ItemCost_To_E_Item	PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemCost_To_E_Item, convert_E1_ItemCost_To_E_Item
E1_SupplierItemCost_To_E_SRM_ItemPriceList	PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_SupplierItemCost_To_E_SRM_ItemPriceList, convertSupplierItemCostToItemPriceList
E1_ShipTo_To_E_ShipToLocation	PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ShipTo_To_E_ShipToLocation, convert_ShipTo_To_ShipToLocation
E1_BillOfMaterials_To_E_BOM	PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_BillOfMaterials_To_E_BOM, convert_E1_BOM_To_E_BOM
E1_ItemUOM_To_E_ItemUOM	PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemUOM_To_E_ItemUOM, convert_E1_ItemUOM_To_E_ItemUOM

**Note.** Some firewalls and network settings can interfere with the retrieval of the text files from the designated network folder if on a different domain. If this problem occurs, copy the text files to a share drive on the same network domain as the WSG Integration Server.

### See Also

webMethods Integration Server Administrator's Guide 6.1, "Managing Services," Working with Services, Testing Services

## Setting Up Cross-References for the Strategic Sourcing Integration

This section discusses how to:

- Set up key cross-references for the Strategic Sourcing integration.
- Set up code cross-references for the Strategic Sourcing integration.

### Setting Up Key Cross-References for the Strategic Sourcing Integration

Key cross-references enable the system to reconcile the values that are used in the PeopleSoft Enterprise system and in the JD Edwards EnterpriseOne system and to keep a record of the values that are integrated.

The integration requires that the key cross-references be set up in the JD Edwards EnterpriseOne WSG Cross-Reference database. The system creates all of the key cross-references except for the *businessunit* cross-reference, which you must create manually.

Some of the key cross-references are used to determine whether a record that is being sent from the JD Edwards EnterpriseOne system is being added or changed. If the record has a key that is already listed in the cross-reference, the record is considered to be a change. If the record's key is not already listed in the cross-reference, the record is considered to be an add.

Application ID	Object ID	Comments
<i>E-SRM</i>	<i>businessunit</i>	<p>You must manually set up this key cross-reference between JD Edwards EnterpriseOne business units and PeopleSoft Enterprise business units.</p> <p>In the Native Key field, specify business units from the SOURCING_BUSINESS_UNIT field in the PeopleSoft Enterprise system. In the Canonical Key field, specify business units from the Business Unit field (MCU) of the Business Unit Master table (F0006) in the JD Edwards EnterpriseOne system.</p>

Application ID	Object ID	Comments
<i>E-SRM</i>	<i>electronicaddresslinenumber</i>	<p>The system creates this key cross-reference during the initial load of suppliers. This cross-reference is used by the incremental sync of suppliers to determine whether the email address that is being sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system is being added or changed.</p> <p>The key is formatted as follows:</p> <p>vendorID who's who line number email line number</p> <p><b>Note.</b> The who's who line number is always <i>1</i>.</p>
<i>E-SRM</i>	<i>item</i>	<p>The system creates this key cross-reference during the initial load of items or when an item is added in the Item Master table in an incremental sync. This cross-reference is used by the incremental sync of items to determine whether the Item Master record that is being sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system is being added, changed, or deleted.</p> <p>The key is formatted as follows:</p> <p>item number</p>
<i>E-SRM</i>	<i>itemcost</i>	<p>The system creates this key cross-reference during the initial load of item cost information. This cross-reference is used by the incremental sync of item cost information to determine whether the item cost information that is being sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system is being added or changed.</p> <p>The key is formatted as follows:</p> <p>item number</p>



Application ID	Object ID	Comments
<i>E-SRM</i>	<i>itemUOM</i>	<p>The system creates this key cross-reference during the initial load of item unit of measure conversions. This cross-reference is used by the incremental sync of item unit of measure conversions to determine whether the item unit of measure conversion that is being sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system is being added or changed.</p> <p>The key is formatted as follows:</p> <p>Item number from unit of measure to unit of measure primary unit of measure</p>
<i>E-SRM</i>	<i>phonelinenumber</i>	<p>The system creates this key cross-reference during the initial load of suppliers. This cross-reference is used by the incremental sync of suppliers to determine whether the phone number that is being sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system is being added or changed.</p> <p>The key is formatted as follows:</p> <p>vendorID who's who line number phone line number</p> <p><b>Note.</b> The who's who line number is always <i>1</i>.</p>
<i>E-SRM</i>	<i>shipto</i>	<p>The system creates this key cross-reference during the initial load of ship to locations. Because ship to information can be loaded from different sources for the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement integration and the PeopleSoft Enterprise Strategic Sourcing to JD Edwards EnterpriseOne Procurement integration, this cross-reference is used by both the initial load and incremental sync of ship to locations to determine whether the phone number that is being sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system is being added or changed.</p> <p>The key is formatted as follows:</p> <p>address book number</p>

## Setting Up Code Cross-References for the Strategic Sourcing Integration

You must set up code cross-references to enable the system to reconcile the values used in the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.

This integration requires that code cross-references be set up in the JD Edwards EnterpriseOne WSG Cross-Reference database. You set up code cross-references in the JD Edwards EnterpriseOne WSG Cross-Reference database. Specify the PeopleSoft Enterprise value as the Native Code and the JD Edwards EnterpriseOne value as the Canonical Code.

Application ID	Object ID	Canonical Code	Native Code
<i>E-SRM</i>	<i>billtype</i>	Specify bill types from UDC 40/TB in the JD Edwards EnterpriseOne system.	Specify these values from the BOM_TYPE field in the PeopleSoft Enterprise system: <ul style="list-style-type: none"> <li>• PR (production)</li> <li>• RW (rework)</li> </ul>
<i>E-SRM</i>	<i>commoditycode</i>	Specify commodity class codes from the Commodity Class field (PRP1) of the Item Master table (F4101) in the JD Edwards EnterpriseOne system.	Specify category codes from the CATEGORY_ID field in the PeopleSoft Enterprise system.  <b>Note.</b> These codes should be the same in both the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.
<i>E-SRM</i>	<i>phonetype</i>	Specify codes from UDC 01/PH in the JD Edwards EnterpriseOne system.  <b>Note.</b> A blank phone type in the JD Edwards EnterpriseOne system is invalid when running this integration.	<ul style="list-style-type: none"> <li>• <i>BUSN</i></li> <li>• <i>DORM</i></li> <li>• <i>OTR</i></li> <li>• <i>PGR1</i></li> <li>• <i>PGR2</i></li> <li>• <i>TELX</i></li> <li>• <i>FAX</i></li> <li>• <i>HOME</i></li> <li>• <i>MAIN</i></li> <li>• <i>CAMP</i></li> <li>• <i>CELL</i></li> </ul>

## CHAPTER 33

# Using the PeopleSoft Enterprise Strategic Sourcing to JD Edwards EnterpriseOne Procurement Integration

This chapter provides overviews of the award to purchase order or blanket order process, the update tiered pricing process, and the supplier/vendor creation process, and discusses how to award events.

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## Understanding the Award to Purchase Order or Blanket Order Process

When you award a buy event, the PeopleSoft Enterprise system creates an outbound purchase order message (SAC\_PS\_PO\_EIP) at the time of the award. The JD Edwards EnterpriseOne system creates a purchase order or blanket order and sends the order ID number to PeopleSoft Enterprise Strategic Sourcing for tracking purposes.

The JD Edwards EnterpriseOne system creates blanket orders for PeopleSoft Enterprise Sourcing award type contract (CON) and purchase orders for PeopleSoft Enterprise Sourcing award type purchase order (GEN).

Consider these points:

- The Line Type processing option on the versions of the Enter Purchase Orders program (P4310) that you specify in the integration options of the E\_Sourcing\_To\_E1\_PurchaseOrder flow must be blank so that the line type appears by default from the Item Master table (F4101).
- The schedule can contain only one line, and you cannot include attachments.
- If multiple vendors bid on an event and the award is granted to multiple vendors, the awards must be posted separately to generate a separate purchase order in the JD Edwards EnterpriseOne system for each line.

To do this, award the bid as a percentage of the event or award the bid according to line items, specifying the percentage or line items for only one bidder, and then post the award. If lines remain open (status is O), the event status remains pending until you close all of the lines. Repeat this procedure for each bidder to which a portion of the event is being awarded until all of the lines have been closed.

- If the award is to a bidder who is not yet a vendor, you can create the supplier record in the JD Edwards EnterpriseOne system and the vendor record in the PeopleSoft Enterprise system at award time.

See [Chapter 33, “Using the PeopleSoft Enterprise Strategic Sourcing to JD Edwards EnterpriseOne Procurement Integration,” Understanding the Supplier/Vendor Creation Process, page 287.](#)

- The award cannot be entered against the bid currency.
- You cannot override the ship to address in the PeopleSoft Enterprise system because the ship to address is stored at the line level in the PeopleSoft Enterprise system and at the header level in the JD Edwards EnterpriseOne system.

- If you enter an item number for a bill-of-materials (BOM) item (sometimes referred to as a kit), that is, the item is a parent and has several child items (for example, a bike frame might include metal, bolts, paint, and so on), the system substitutes the child items for the parent item before sending the event to the JD Edwards EnterpriseOne system.

Therefore, the JD Edwards EnterpriseOne purchase order lists the child items, and not the parent item.

- The award cannot include improvised items.

All items must already exist in both the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.

- Any errors or warnings that occur while entering a transaction in the JD Edwards EnterpriseOne system are returned to the PeopleSoft Enterprise system and are written to a cross-reference file (PS\_SAC\_ERP\_SS\_STS).

Users need to monitor the PS\_SAC\_ERP\_SS\_STS table for any errors that are returned from the JD Edwards EnterpriseOne system. To search for errors, perform a query over the SYNC\_STS\_DESCR column for the word "Error." If any errors occurred during processing, the associated transactions must be entered manually in the JD Edwards EnterpriseOne system.

### See Also

PeopleSoft Enterprise Strategic Sourcing 8.9 Implementation Guide, "Analyzing Bids and Awarding Events"

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## Understanding the Update Tiered Pricing Process

If an event specifies bidder defined price adjustments, bidders can define their own price tiers.

Updating tiered pricing information in the PeopleSoft Enterprise system adds cost information to the JD Edwards EnterpriseOne Supplier Price/Catalog File table (F41061).

Consider these points:

- A contract that is awarded in the PeopleSoft Enterprise system with tiered pricing can have level breaks based on either cumulative order quantity or current order quantity.

However, neither the blanket order nor the tiered pricing in the JD Edwards EnterpriseOne system support price breaks based on cumulative order quantity. The blanket order has a fixed price, and any purchase order that is released from the blanket uses that price. Similarly, any purchase order price that is based on the tiered pricing uses current order quantity only, regardless of how much was ordered previously for the item.

- All prices are assumed to be in the base currency that is set up for the company in the JD Edwards EnterpriseOne system.
- Price breaks are not supported for cumulative order quantities.
- The unit of measure is assumed to be the primary or purchasing unit of measure, depending on the System Constants for the Inventory system.
- Tiered-pricing awards do not support blank business units.

The PeopleSoft Enterprise system always sends a business unit and thus the transactions that are written to the JD Edwards EnterpriseOne system always have an associated business unit.

- If the tiered-pricing award is to a bidder who is not yet a vendor, you can create the supplier record in the JD Edwards EnterpriseOne system and the vendor record in the PeopleSoft Enterprise system at award time.

See Chapter 33, “Using the PeopleSoft Enterprise Strategic Sourcing to JD Edwards EnterpriseOne Procurement Integration,” Understanding the Supplier/Vendor Creation Process, page 287.

- The user receives a confirmation message, which indicates that the IP was sent from the PeopleSoft Enterprise system.

If an error occurs while the information is being written in the JD Edwards EnterpriseOne system, no error is returned in the PeopleSoft Enterprise system. However, an error is written in the Integration Server error log.

## Understanding the Supplier/Vendor Creation Process

If you are awarding an event (either a buy event or a tiered-pricing event) to a registered bidder who is not yet a vendor, the PeopleSoft Enterprise system creates an outbound vendor message (VENDOR\_SYNC) when the award is posted. The JD Edwards EnterpriseOne system creates a supplier record and sends the supplier ID number to PeopleSoft Enterprise Strategic Sourcing.

You must populate the Tax Explanation Code, Tax Rate/Area, and Payment Instrument fields that are on the Award Details tab of the Analyze Events page before you post the award. This information is sent to the JD Edwards EnterpriseOne system for the creation of the supplier record in the JD Edwards EnterpriseOne system. The tax and payment information from the supplier record is then used in the creation of the purchase order, if the event that is posted is a buy event.

You can modify existing supplier records in the JD Edwards EnterpriseOne system only, even if the supplier record is created by awarding an event to a bidder in the PeopleSoft Enterprise system.

You can send multiple contacts for the supplier from the PeopleSoft Enterprise system, but the JD Edwards EnterpriseOne system can receive only one email address and assigns that email address to the first contact (who's who record). Also, the PeopleSoft Enterprise system allows multiple addresses for a supplier, but only one address is loaded in the JD Edwards EnterpriseOne system.

## Awarding Events

This section discusses how to:

- Award to a purchase order or blanket order.
- Update tiered pricing information.
- Create a supplier/vendor record for a bidder.

## Pages Used to Award Events

Access these pages in the PeopleSoft Enterprise Financials/SCM database.

Page Name	Object Name	Navigation	Usage
Analyze Events	AUC_AWARD_PG	Sourcing, Maintain Events, Analyze Events	Award the bid as a total event or a percentage of the event.

Page Name	Object Name	Navigation	Usage
Award Summary	AUC_AWARD_SUM_PG	Click the Award Summary link on the Analyze Events page.	Review the award summary by line item.
Award Details	AUC_AWARD_DTL_PG	Click the Award Details link on the Analyze Events page.	Review the award details, select whether the award is a purchase order or a contract, and post the award.

## Awarding to a Purchase Order or Blanket Order

Access the Analyze Events page.

Click the Award Details link.

### Analyze Events

[Analyze Total](#)
[Analyze Line](#)
[Review Constraints](#)
[Award Summary](#)
[Award Details](#)

**Business Unit:** US001   
**Event ID:** SS5200   
**Round:** 1   
**Version:** 1   
**Event Name:** SS5200

**Event Format:** Buy   
**Event Type:** Auction   
**Currency:** USD   
**End Date:** 06/08/2005 2:15AM PDT   
**Status:** Pend Award   
**Go To:**

**Show Award Details to Bidders**

☒ Display bids   
☒ Display all bids   
☒ Display bid scores   
☒ Display bid's total bid price   
☒ Display factors

**Award Details**
First 1 of 1

**Bidder Name:** [CC Corporation](#)   
**Bidder Type:** Vendor   
**Buyer:** VP1

**Award Type:**  Purchase Order   
**Award Currency:**  Event   
**Terms:** 10N

**Award Number:** 1   
**Total Award:** 8939.2500

Line	Item ID	Vndr/Item Rel	Item Description	UOM	Award Quantity	Awarded Price	Extended Price
1	1303	<input checked="" type="checkbox"/>	<a href="#">Paper Pads Office Supplies</a>	EA	500.0000	2.0000	1059.7500
2	1304	<input checked="" type="checkbox"/>	<a href="#">Pens Office Supplies</a>	CA	1000.0000	7.7500	7879.5000

[Export Price Breaks](#)   
[Post Award](#)

Analyze Events page

### Post Award

Click to send an outbound purchase order message to the JD Edwards EnterpriseOne system. The JD Edwards EnterpriseOne system creates a purchase order or blanket order and sends the order ID number to PeopleSoft Enterprise Strategic Sourcing.

## Updating Tiered Pricing Information

Access the Analyze Events page.

Click the Award Details link.

### Analyze Events

[Analyze Total](#)
[Analyze Line](#)
[Review Constraints](#)
[Award Summary](#)
[Award Details](#)

**Business Unit:** US001    **Event ID:** SS5200    **Round:** 1    **Version:** 1    **Event Name:** SS5200

**Event Format:** Buy    **Event Type:** Auction    **Currency:** USD    **End Date:** 06/08/2005 2:15AM PDT    **Status:** Pend Award    **Go To:**

☒ **Show Award Details to Bidders**

☒ **Display bids**    ☒ **Display all bids**    ☒ **Display bid scores**    ☒ **Display bid's total bid price**    ☒ **Display factors**

**Award Details** First 1 of 1

**Bidder Name:** [CC Corporation](#)    **Bidder Type:** Vendor    **Buyer:** VP1  
**Award Type:**  Purchase Order    **Award Currency:**  Event    USD    **Terms:** 10N

**Award Number:** 1    **Total Award:** 8939.2500

Line	Item ID	Vndr/Item Rel	Item Description	UOM	Award Quantity	Awarded Price	Extended Price
1	1303	<input checked="" type="checkbox"/>	<a href="#">Paper Pads Office Supplies</a>	EA	500.0000	2.0000	1059.7500
2	1304	<input checked="" type="checkbox"/>	<a href="#">Pens Office Supplies</a>	CA	1000.0000	7.7500	7879.5000

Analyze Events page

### Export Price Breaks

Click to export price breaks to the JD Edwards EnterpriseOne system. If you click this button, the system creates and publishes the SAC\_PS\_SS\_PRTIER\_EIP message.

## Creating a Supplier/Vendor Record for a Bidder

Access the Analyze Events page.

Click the Award Details link.

### Analyze Events

[Analyze Total](#) [Analyze Line](#) [Award Summary](#) [Award Details](#)

**Business Unit:** US001 **Event ID:** 0000000246 **Round:** 1 **Version:** 1 **Event Name:** 06/16/04 SONF

**Event Format:** Buy **Event Type:** Auction **Currency:** USD **End Date:** 06/16/2004 2:26PM PDT **Status:** Pend Award **Go To:**

**Show Award Details to Bidders**

☒ Display bids ☒ Display all bids ☒ Display bid scores ☒ Display bid's total bid price ☒ Display factors

**Award Details** First 1 of 1 Last

**Bidder Name:** [Office Supply Depot](#) **Bidder Type:** Bidder **Buyer:** VP1

**Award Type:** Purchase Order **Award Currency:** Event USD **Terms:**

**Award Number:** 1 **Total Award:** 25.0000

**Tax Explanation Code:** ST **Tax Rate/Area:** CO **Payment Instrument:** ?

Line	Item ID	Vndr/Item Rel	Item Description	Event Qty	Amount	Ext Price
1	60003	<input checked="" type="checkbox"/>	<a href="#">Bike Rack - Trunk Mount</a>	5.0000	5.0000	25.00000

[Export Price Breaks](#) [Post Award](#)

Analyze Events page

**Tax Explanation Code** Enter a tax explanation code that is valid in the JD Edwards EnterpriseOne system.

**Tax Rate/Area** Enter a tax rate/area that is valid in the JD Edwards EnterpriseOne system.

**Payment Instrument** Enter a payment instrument that is valid in the JD Edwards EnterpriseOne system.

**Post Award** Click this button to create a supplier/vendor record for the bidder and send an outbound purchase order message to the JD Edwards EnterpriseOne system.

**Export Price Breaks** Click this button to create a supplier/vendor record for the bidder export price breaks to the JD Edwards EnterpriseOne system.

**Note.** The values that you enter in the Tax Explanation Code, Tax Rate/Area, and Payment Instrument fields are used to create the supplier record in the JD Edwards EnterpriseOne system.



## **PART 9**

# **Integrating PeopleSoft Enterprise eProcurement with JD Edwards EnterpriseOne Procurement**

### **Chapter 34**

**Understanding the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement Integration**

### **Chapter 35**

**Setting Up the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement Integration**

### **Chapter 36**

**Setting Up Prerequisite Data for the eProcurement Integration**

### **Chapter 37**

**Using the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement Integration**



## CHAPTER 34

# Understanding the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement Integration

This chapter discusses:

- Release levels for the eProcurement integration.
- Business process for the eProcurement integration.
- Integration architecture for the eProcurement integration.
- Integration points for the eProcurement integration.
- Assumptions for implementation of the eProcurement integration.

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## Release Levels for the eProcurement Integration

This document supports the integration between JD Edwards EnterpriseOne 8.12 Procurement and PeopleSoft Enterprise 8.9 eProcurement.

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## Business Process for the eProcurement Integration

With the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement integration, you can use PeopleSoft Enterprise eProcurement Direct Connect and Requisitioning processes and pass critical purchase order information to JD Edwards EnterpriseOne Procurement.

The major tasks involved in the integration of PeopleSoft Enterprise eProcurement with JD Edwards EnterpriseOne Procurement are:

- Setting up integration options and code cross-referencing in the JD Edwards EnterpriseOne WSG soft-coding/cross-reference database.
- Set up the integration in the PeopleSoft Enterprise database.
- Loading JD Edwards EnterpriseOne master data into PeopleSoft Enterprise tables.
- Synchronizing incremental changes in JD Edwards EnterpriseOne master data with the PeopleSoft Enterprise system.
- Creating a purchase order:
  1. You create a requisition in PeopleSoft Enterprise eProcurement.

2. You create a corresponding purchase order in the PeopleSoft Enterprise system.
3. The PeopleSoft Enterprise system sends the purchase order to the JD Edwards EnterpriseOne system.
4. The system creates a matching purchase order in the JD Edwards EnterpriseOne system.
5. Budget checking occurs in the JD Edwards EnterpriseOne system, if appropriate.

If the purchase order does not pass budget-checking, the system places the JD Edwards EnterpriseOne purchase order on hold and sends a hold code status update to the JD Edwards EnterpriseOne system.

- Releasing the purchase order hold in the JD Edwards EnterpriseOne system.

The purchase order hold is also released in the PeopleSoft Enterprise system.

- Dispatching the purchase order from either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system.
- Receiving the purchase order in either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system.

The receipt is sent from the system in which it is created to the other system, where a corresponding receipt is created.

- Closing the purchase order:

1. In the JD Edwards EnterpriseOne system, you create a voucher for the receipt or cancel the receipt.
2. A close status is transmitted to the PeopleSoft Enterprise system from the JD Edwards EnterpriseOne system.

When you perform any of these integrated actions in the PeopleSoft Enterprise system or in the JD Edwards EnterpriseOne system, the integration updates the purchase order in the other system.

---

## Integration Architecture for the eProcurement Integration

This section discusses the integration architecture for the:

- Purchase order creation process.
- Purchase order hold release process.
- PeopleSoft Enterprise purchase order dispatch process.
- JD Edwards EnterpriseOne purchase order dispatch process.
- PeopleSoft Enterprise receipt process.
- JD Edwards EnterpriseOne receipt process.
- Purchase order close process.

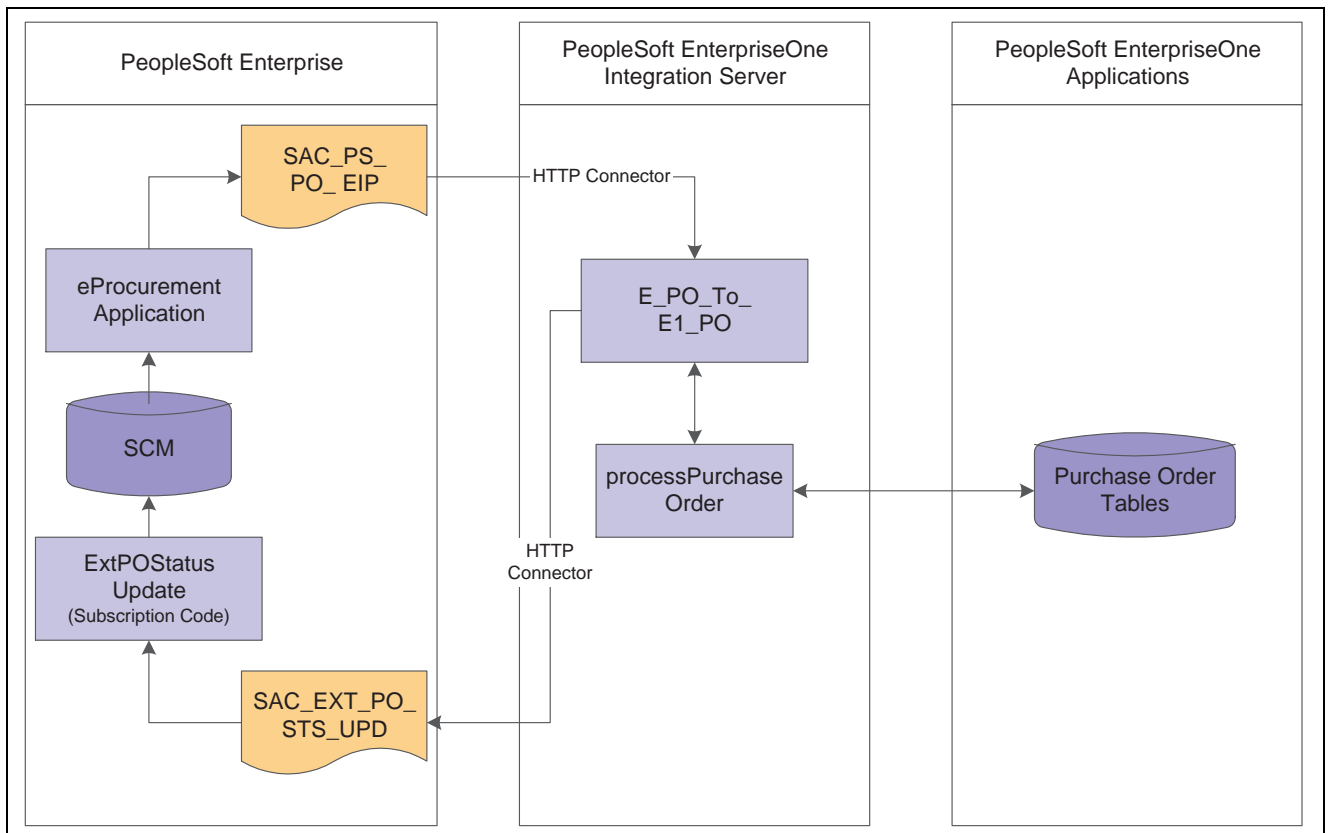
### See Also

Chapter 2, “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications,” Batch Loads, page 10

Chapter 2, “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications,” Incremental Synchronizations, page 11

## Integration Architecture for Purchase Order Creation Process

This diagram illustrates the process of creating a purchase order in the PeopleSoft Enterprise system and creating a corresponding purchase order in the JD Edwards EnterpriseOne system:



PeopleSoft Enterprise purchase order to JD Edwards EnterpriseOne purchase order process

Sending purchase orders from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system consists of these steps:

1. A PeopleSoft Enterprise user creates a purchase order with the PO\_HDR.HOLD\_STATUS set to Y.
2. A PeopleSoft Enterprise user runs the batch process for purchase order EIPs to publish the SAC\_PS\_PO\_EIP message using the Integration Broker and route the EIP message to the Integration Server.
3. The SAC\_PS\_PO\_EIP message is published by calling the SAC\_POEIPPUB Application Engine process. This process selects only approved purchase orders.
4. The Integration Server is listening for the EIP message, and triggers the E\_PO\_To\_E1\_PO flow, which converts the SAC\_PS\_PO\_EIP message and invokes the processPurchaseOrder interface flow service.
5. The interface flow creates a purchase order in the JD Edwards EnterpriseOne system.
6. The JD Edwards EnterpriseOne system performs a budget check on the purchase order. If the purchase order fails the budget check, the JD Edwards EnterpriseOne system places a budget hold on the purchase order.
7. The interface flow's response is converted to the SAC\_EXT\_PO\_STS\_UPD message and sent to the Integration Broker using the dispatcher.

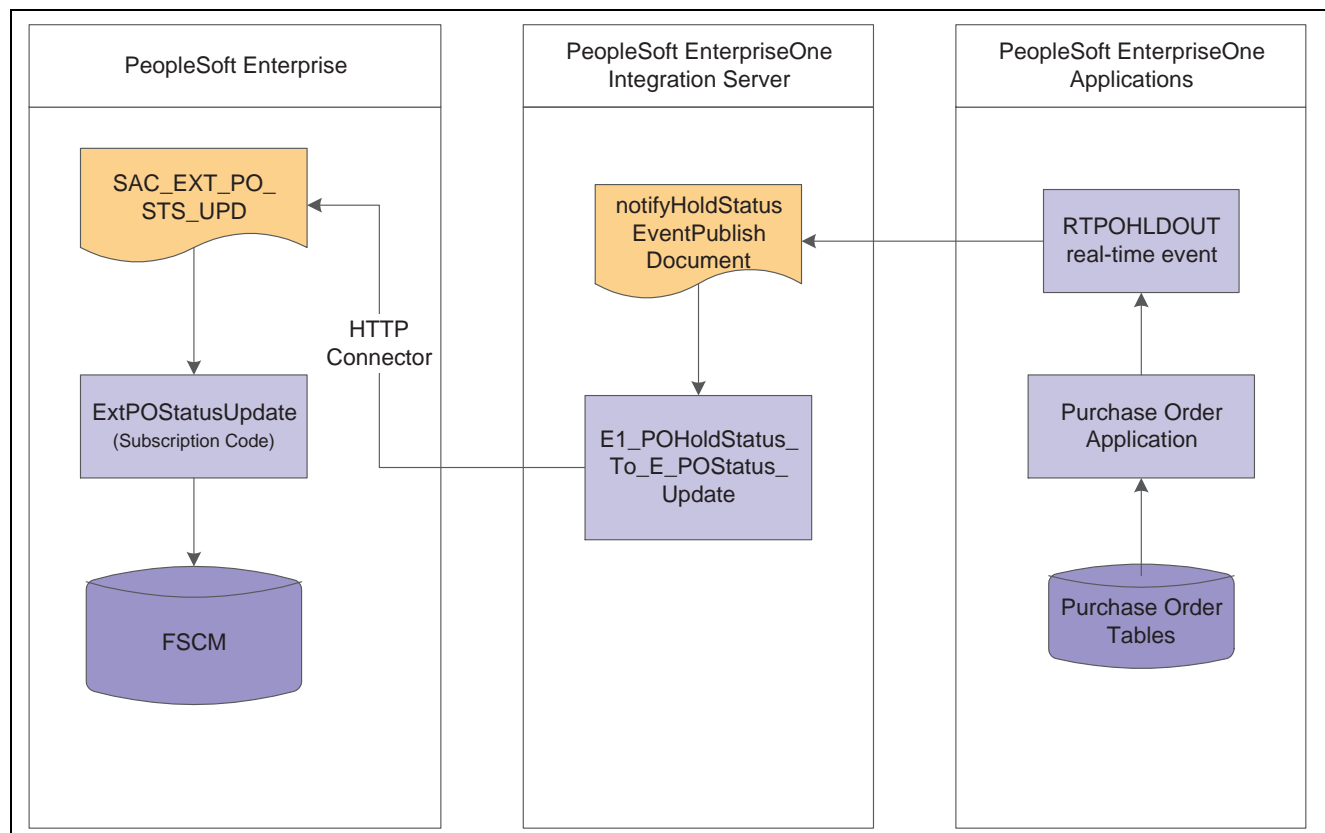
If the purchase order failed the budget check in the JD Edwards EnterpriseOne system, this message contains the hold status.

8. Once the message is received in the PeopleSoft Enterprise system, the user navigates to eProcurement, Buyer Center, Manage Purchase Orders component to verify that the status has updated accordingly.

When the budget hold is released in the JD Edwards EnterpriseOne system, the PO\_HDR.HOLD\_STATUS is changed to *N*, and the purchase order is ready for dispatch.

## Integration Architecture for the Purchase Order Hold Release Process

This diagram illustrates the process of releasing a purchase order hold in the JD Edwards EnterpriseOne system and sending a status update to the PeopleSoft Enterprise system:



JD Edwards EnterpriseOne purchase order hold to PeopleSoft Enterprise purchase order status update process

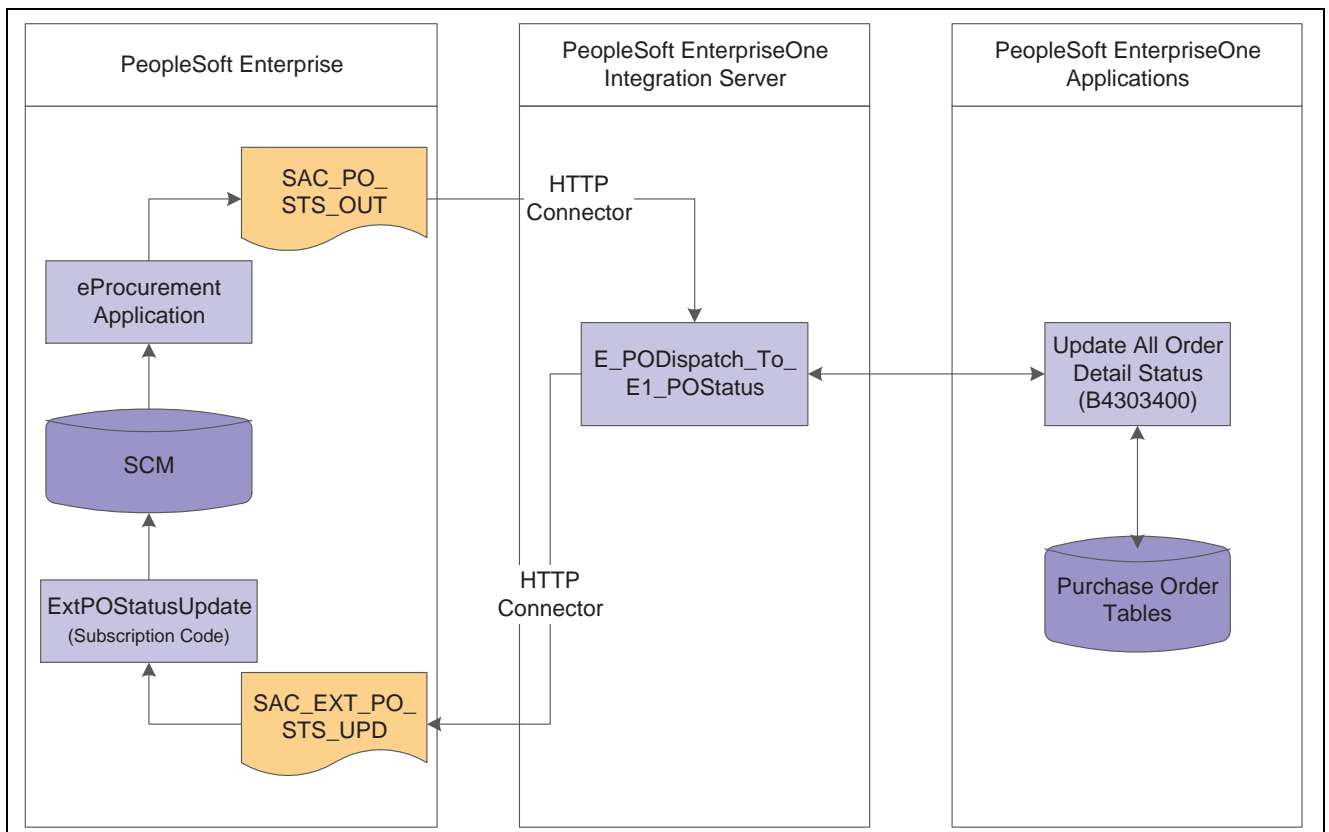
Sending purchase order hold release messages from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system consists of these steps:

1. In the JD Edwards EnterpriseOne system, the user releases a purchase order from hold using the Release Held Orders program (P43070), which triggers a realtime event RTPOHLDOUT.
2. The adapter service receives the realtime event and converts it to the **notifyHoldStatusEventPublishDocument**.
3. The Integration Server receives the **notifyHoldStatusEventPublishDocument** and triggers the **E1\_POHoldStatus\_To\_E\_POStatusUpdate** flow, which generates the **SAC\_EXT\_PO\_STS\_UPD** message and sends it to the Integration Broker using the dispatcher.

4. The Integration Broker uses the message to update the hold status of the purchase order to N (not held from further process).

## Integration Architecture for the PeopleSoft Enterprise Purchase Order Dispatch Process

This diagram illustrates the process of dispatching a purchase order in the PeopleSoft Enterprise system and sending a status update to the JD Edwards EnterpriseOne system:



PeopleSoft Enterprise purchase order dispatch to JD Edwards EnterpriseOne purchase order status update process

**Note.** You can dispatch purchase orders from either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system. We recommend that you dispatch all purchase orders for a specific vendor in one system, though you may dispatch purchase orders for another vendor in the other system.

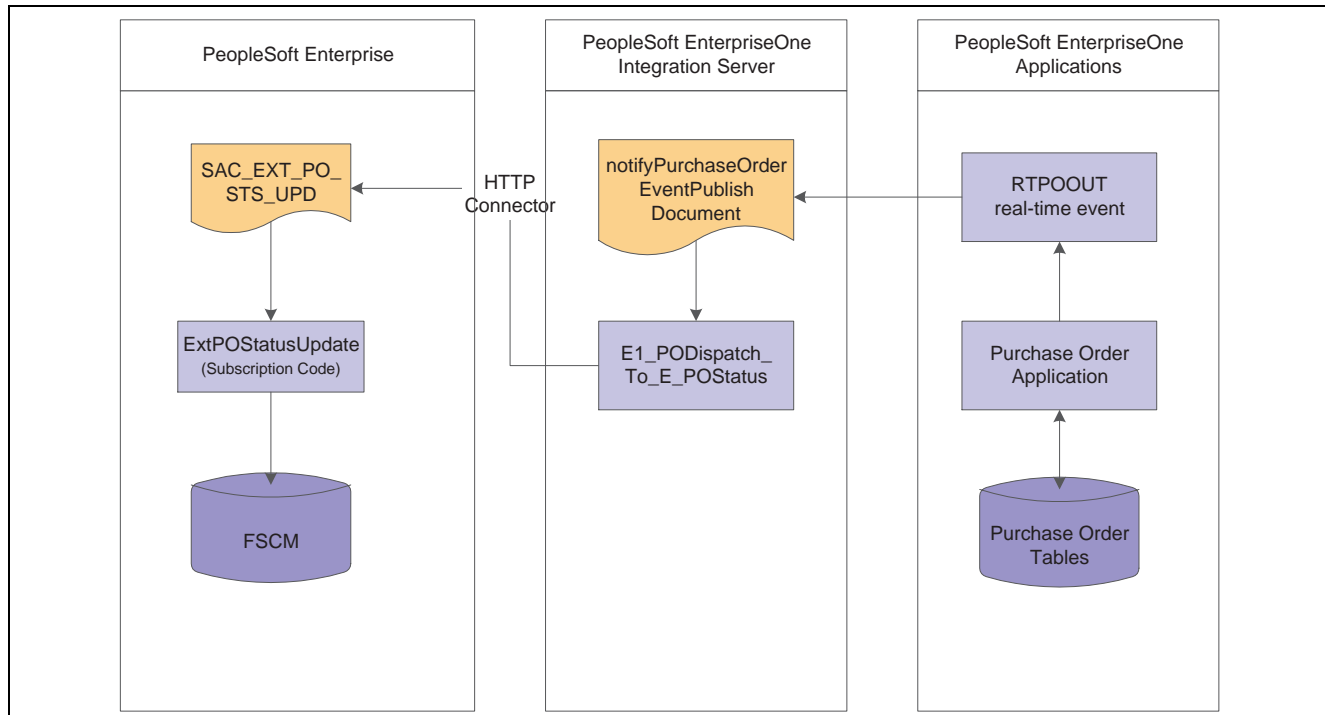
Notifying the JD Edwards EnterpriseOne system of purchase order dispatches from the PeopleSoft Enterprise system consists of these steps:

1. In the PeopleSoft Enterprise system, the user dispatches a purchase order.
2. With the publishing of new or changed purchase orders, the PeopleSoft Enterprise system also publishes any purchase order that has been dispatched.  
The **SAC\_PO\_STS\_OUT** message represents the dispatched purchase order sent to the JD Edwards EnterpriseOne system.
3. The Integration Server is listening for the EIP message, and triggers the **E\_PODispatch\_To\_E1\_POStatus** flow, which calls an adapter service business function.
4. The business function updates the status of the purchase order in the JD Edwards EnterpriseOne system.

5. The E\_PODispatch\_To\_E1\_POStatus integration responds with the SAC\_EXT\_PO\_STS\_UPD message to indicate whether the transaction was successful, and sends it to the Integration Broker using the dispatcher.
6. In the PeopleSoft Enterprise system, use the Integration Broker Monitor to verify that the message is complete.

## Integration Architecture for the JD Edwards EnterpriseOne Purchase Order Dispatch Process

This diagram illustrates the process of dispatching a purchase order in the JD Edwards EnterpriseOne system and sending a status update to the PeopleSoft Enterprise system:



JD Edwards EnterpriseOne purchase order dispatch to PeopleSoft Enterprise purchase order status update process

**Note.** You can dispatch purchase orders from either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system. It is recommended that you dispatch all purchase orders for a specific vendor in one system, though you may dispatch purchase orders for another vendor in the other system.

Notifying the PeopleSoft Enterprise system of purchase order dispatches from the JD Edwards EnterpriseOne system consists of these steps:

1. The user runs the Print Purchase Orders program (R43500) to dispatch the purchase order, which creates an outbound realtime event RTPOOUT.

The event triggers the JD Edwards EnterpriseOne Adapter, which then publishes a `notifyPurchaseOrderEventPublishDocument`.

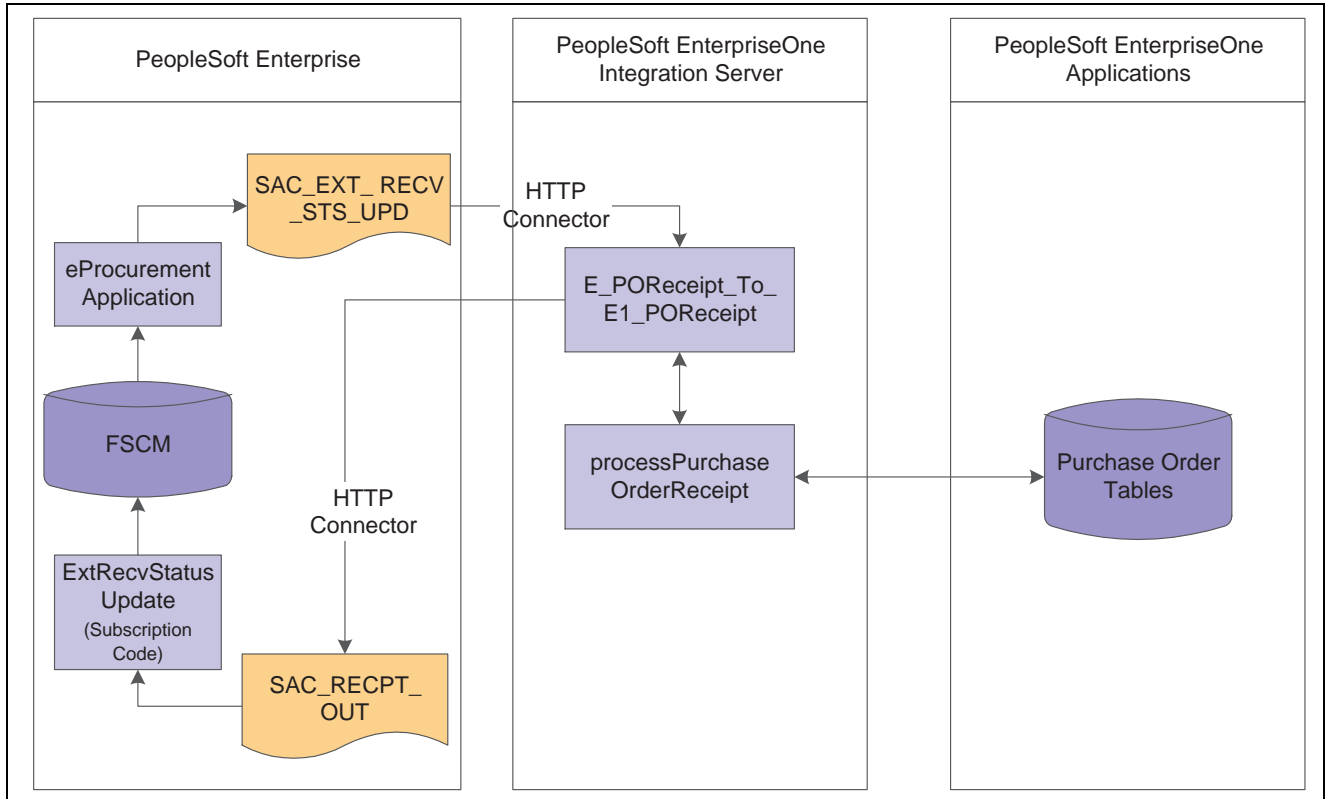
2. The Integration Server is listening for the `notifyPurchaseOrderEventPublishDocument`, and triggers the `E1_PODispatch_To_E_POStatus` flow, which generates the `SAC_EXT_PO_STS_UPD` message and sends it to the Integration Broker using the dispatcher.
3. The Integration Broker is listening for messages to automatically update statuses.

When a message is received, the dispatch status of the PeopleSoft Enterprise purchase order is set to D.



## Integration Architecture for the PeopleSoft Enterprise Receipt Process

This diagram illustrates the process of creating a purchase order receipt in the PeopleSoft Enterprise system and sending receipt information to the JD Edwards EnterpriseOne system:



PeopleSoft Enterprise receipt to JD Edwards EnterpriseOne receipt process

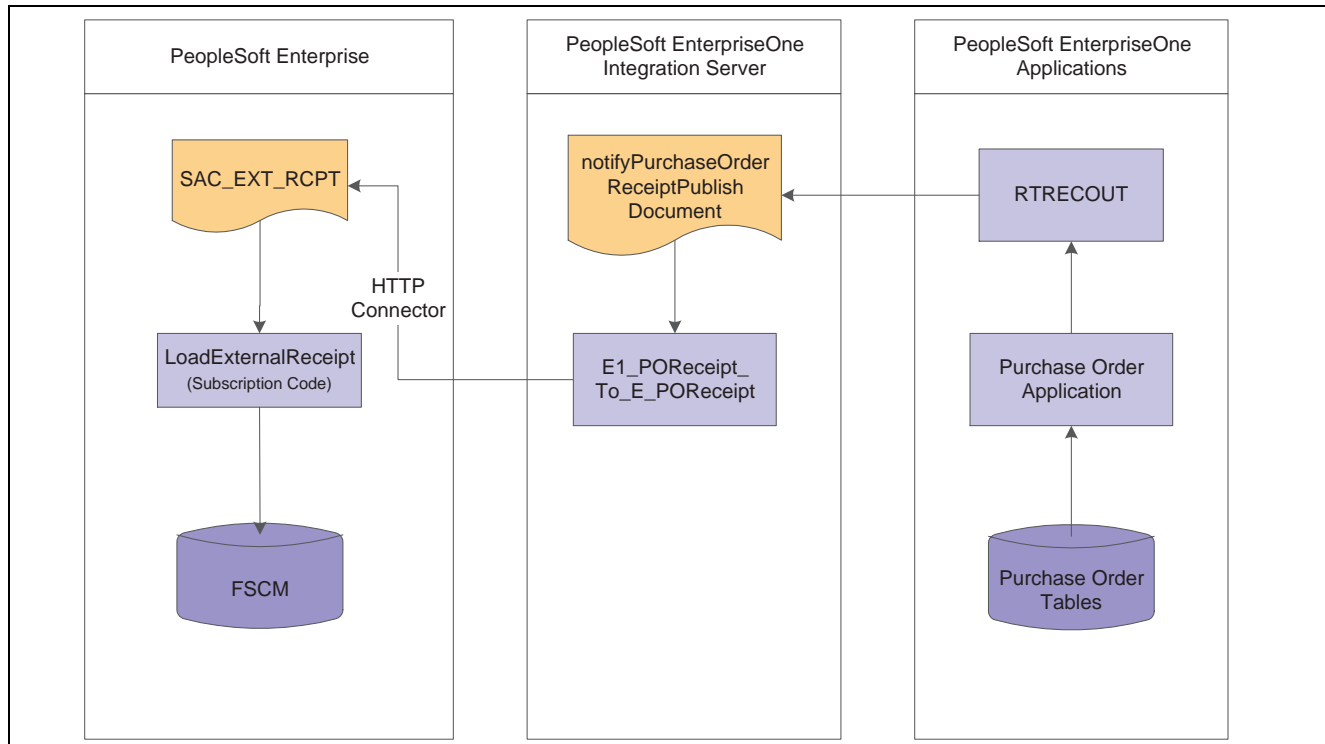
**Note.** You can create receipts in either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system. A purchase order should be received entirely in either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system. Do not partially receive a purchase order in one system and then receive the remaining portion in the other system.

Sending receipts from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system consists of these steps:

1. Add a new receipt to complete desktop receiving in the PeopleSoft Enterprise system.
2. Run the Receipt EIP.
3. The receipt process triggers the **SAC\_RECPT\_OUT** message using the Integration Broker and routes the EIP message to the Integration Server.
4. The Integration Server is listening for the EIP message, and triggers the **E\_PORceipt\_To\_E1\_PORceipt** integration, which converts the **SAC\_RECPT\_OUT** message and invokes the **processPurchaseOrderReceipt** interface flow.
5. The **processPurchaseOrderReceipt** interface flow creates the purchase order receipt in the JD Edwards EnterpriseOne system.
6. The **processPurchaseOrderReceipt** interface flow's response is converted to the **SAC\_EXT\_RECV\_STS\_UPD** message, and is sent to the Integration Broker using the dispatcher.

## Integration Architecture for the JD Edwards EnterpriseOne Receipt Process

This diagram illustrates the process of creating a purchase order receipt in the JD Edwards EnterpriseOne system and sending receipt information to the PeopleSoft Enterprise system:



JD Edwards EnterpriseOne receipt to PeopleSoft Enterprise receipt process

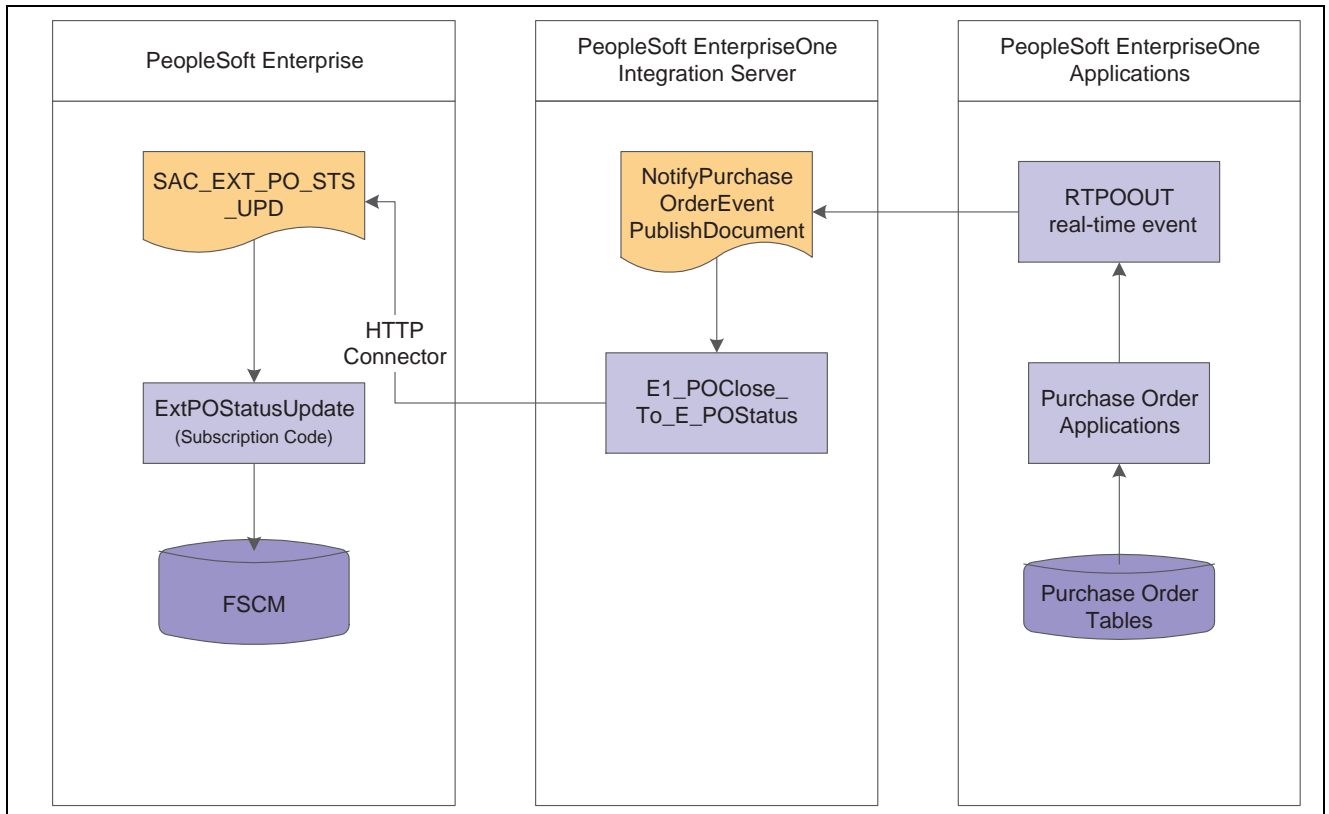
**Note.** You can create receipts in either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system. A purchase order should be received entirely in either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system. Do not partially receive a purchase order in one system and then receive the remaining portion in the other system.

Sending receipts from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system consists of these steps:

1. Create a receipt in the JD Edwards EnterpriseOne system, which triggers a realtime event `RTRECOUNT`.
2. The adapter service receives the realtime event and notifies the Integration Server.
3. The Integration Server triggers the `E1_PORceipt_To_E_PORceipt` integration, which generates the `SAC_EXT_RCPT` message and sends it to the Integration Broker using the dispatcher.
4. The Integration Broker uses the message to create a corresponding receipt record in the PeopleSoft Enterprise system.

## Integration Architecture for the Purchase Order Close Process

This diagram illustrates the process of closing a purchase order in the JD Edwards EnterpriseOne system and sending a status update to the PeopleSoft Enterprise system:



JD Edwards EnterpriseOne purchase order close to PeopleSoft Enterprise purchase order status update process

Sending purchase order closes from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system consists of these steps:

1. A JD Edwards EnterpriseOne user uses the PO Receipts program (P4312) for a three way match or the Voucher Match program (P4314) for a two way match to close a purchase order, which triggers the RTPOOUT realtime event.
2. The adapter service receives the realtime event and converts it to the notifyPurchaseOrderEventPublishDocument.
3. The Integration Server receives the notifyPurchaseOrderEventPublishDocument and triggers the E1\_POclose\_To\_E\_POStatus integration, which generates the SAC\_EXT\_PO\_STS\_UPD message and sends it to the Integration Broker using the dispatcher.
4. The Integration Broker uses the message to update the status of the purchase order line.

**Note.** The JD Edwards EnterpriseOne system sends the close status on a line-by-line basis. When all lines on a purchase order are closed, the SAC\_EXT\_PO\_STS\_UPD process also sets the PO\_HDR.PO\_STATUS to C (complete).

## Integration Points for the eProcurement Integration

This section lists integration points for:

- Initial batch loads
- Incremental synchronizations
- Transactions

## Integration Points for Initial Batch Loads

This table lists the integration points used by the eProcurement integration for the initial batch loads of data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system:

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
SAC_ACCT_LOAD_EIP	E1_Account_To_E_SRM_Account: convertAccountToAccountLoad	Account Master Batch Load program (R8909F0901)	Loads account information from the JD Edwards EnterpriseOne system to accounts in the PeopleSoft Enterprise system.
ITEM_SYNC	E1_ItemMaster_To_E_Item: convert_E1_ItemMaster_To_E_Item	Item Master Batch Load program (R8941F4101)	Loads items from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.  <b>Note.</b> The E1_ItemMaster_To_E_Item flow used for the batch load of items is a different flow from the E1_ItemMaster_To_E_Item flow used for the incremental sync of items.
ITEM_SYNC	E1_ItemCost_To_E_Item: convert_E1_ItemCost_To_E_Item	Item Cost Batch Load program (R8941F4105)	Loads item cost information from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.
VENDOR_SYNC	E1_Supplier_To_E_Vendor: convert_E1_Supplier_To_E_Vendor_And_Dispatch	Supplier Master Batch Load program (R8901F0401)	Loads suppliers from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
ITEM_PRICELIST_LOAD	E1_SupplierItemCost_To_E_SRM_ItemPriceList: convertSupplierItemCostToItemPriceList	Supplier Price Batch Load - F41061 program (R8945F4161)	Loads supplier item cost information from the JD Edwards EnterpriseOne system to the item price list in the PeopleSoft Enterprise system.
ITEM_SYNC	E1_ItemUOM_To_E_ItemUOM: convert_E1_ItemUOM_To_E_ItemUOM	Unit Of Measure Batch Load (R89F41002)	Batch load of unit of measure conversion from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.  This batch load is optional.
SHIPTO_LOCATION	E1_ShipTo_To_E_ShipToLocation: convert_ShipTo_To_ShipToLocation	Address Book Master Batch Load program (R8901F0101)	Loads address book records for facilities from the JD Edwards EnterpriseOne system to ship to locations in the PeopleSoft Enterprise system.
REQUESTER_LOAD	E1_UserProfile_To_E_SRM_Requester: convertUserProfileToRequester	User Profile/Address Book Batch Load (R89F0092)	Loads JD Edwards EnterpriseOne users as requesters in the PeopleSoft Enterprise system.

## Integration Points for Incremental Synchronizations

This table lists the integration points used by the eProcurement integration for the incremental synchronization of data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system:

PeopleSoft Enterprise Message Name	Integration	JD Edwards EnterpriseOne Object/Event	Description
SAC_ACCT_LOAD_EIP	E1_Account_To_E_Account	notifyGLAccountEvent PublishDocument	Incremental sync of accounts from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.

PeopleSoft Enterprise Message Name	Integration	JD Edwards EnterpriseOne Object/Event	Description
ITEM_SYNC	E1_ItemMaster_To_E_Item	notifyItemMasterEvent PublishDocument	Incremental sync of items from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.  <b>Note.</b> The E1_ItemMaster_To_E_Item flow used for the incremental sync of items is a different flow from the E1_ItemMaster_To_E_Item flow used for the batch load of items.
ITEM_SYNC	E1_ItemCost_To_E_Item	notifyItemCostEvent PublishDocument	Incremental sync of item cost information from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.
ITEM_SYNC	E1_ItemUOM_To_E_ItemUOM	notifyItemUOMEvent PublishDocument	Incremental sync of unit of measure conversion from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.
VENDOR_SYNC	E1_Supplier_To_E_Vendor	notifySupplierEvent PublishDocument	Incremental sync of suppliers from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.

PeopleSoft Enterprise Message Name	Integration	JD Edwards EnterpriseOne Object/Event	Description
LOCATION_SYNC SHIPTO_LOCATION	E1_AddressBookRTE_To_E_ShipToLocation	notifyAddressBook PublishDocument	Incremental sync of ship to locations from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.  This integration point integrates ship to locations when you change a ship to location record in the JD Edwards EnterpriseOne system.
SHIPTO_LOCATION	E1_ShipToRTE_To_E_ShipToLocation	notifyShipToEvent PublishDocument	Incremental sync of ship to locations from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.  This integration point integrates ship to locations when you add a ship to location record in the JD Edwards EnterpriseOne system.

## Integration Points for Transactions

This table lists the integration points used by the eProcurement integration for the transfer of transactional data between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system:

PeopleSoft Enterprise Message Name	Integration	JD Edwards EnterpriseOne Object/Event	Description
SAC_PS_PO_EIP SAC_EXT_PO_STS_UPD	E_PO_To_E1_PO	processPurchaseOrder	Sends an existing purchase order from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system and creates a corresponding purchase order in the JD Edwards EnterpriseOne system. Notifies the PeopleSoft Enterprise system whether the transaction was successful.
SAC_PO_STS_OUT SAC_EXT_PO_STS_UPD	E_PODispatch_To_E1_POStatus	F4311UpdateAllOrderDetailStatus business function (B4303400)	Updates the purchase order status in the JD Edwards EnterpriseOne system when a purchase order is dispatched in the PeopleSoft Enterprise system and notifies the PeopleSoft Enterprise system whether the transaction was successful.
SAC_EXT_PO_STS_UPD	E1_POHoldStatus_E_POStatusUpdate	notifyHoldStatusEvent PublishDocument	Updates the purchase order status in the PeopleSoft Enterprise system when a purchase order is released from hold in the JD Edwards EnterpriseOne system.



<b>PeopleSoft Enterprise Message Name</b>	<b>Integration</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
SAC_EXT_PO_STS_UPD	E1_PODispatch_To_E_POStatus	notifyPurchaseOrderEvent PublishDocument	Updates the purchase order status in the PeopleSoft Enterprise system when a purchase order is dispatched in the JD Edwards EnterpriseOne system.
SAC_RECPT_OUT SAC_EXT_RECV_STS_UPD	E_POReceipt_To_E_POReceipt	processPurchaseOrder Receipt	Sends a purchase order receipt from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system and creates a corresponding purchase order receipt in the JD Edwards EnterpriseOne system. Notifies the PeopleSoft Enterprise system whether the transaction was successful.
SAC_EXT_RCPT	E1_POReceipt_To_E_POReceipt	notifyPurchaseOrderReceipt PublishDocument	Sends a purchase order receipt for the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system and creates a corresponding purchase order receipt in the PeopleSoft Enterprise system.
SAC_EXT_PO_STS_UPD	E1_POClose_To_E_POStatus	notifyPurchaseOrderEvent PublishDocument	Updates the purchase order status in the PeopleSoft Enterprise system when a purchase order is closed in the JD Edwards EnterpriseOne system.

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## Assumptions for Implementation of the eProcurement Integration

The PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement integration functions based on these assumptions:

- Accounts Payable should not be installed in the PeopleSoft Enterprise system; Accounts Payable should reside in the JD Edwards EnterpriseOne system only.
- General Ledger should not be installed in the PeopleSoft Enterprise system; General Ledger and Financial Reporting reside in the JD Edwards EnterpriseOne system only.
- Inventory should not be installed in the PeopleSoft Enterprise system; Inventory resides in the JD Edwards EnterpriseOne system only.

### See Also

Chapter 37, “Using the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement Integration,” page 355

## CHAPTER 35

# Setting Up the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement Integration

This chapter discusses how to:

- Set up the eProcurement integration in the PeopleSoft Enterprise database.
- Set up the eProcurement business unit integration options.
- Set up the eProcurement integration in the Integration Server.

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## Setting Up the eProcurement Integration in the PeopleSoft Enterprise Database

This section lists prerequisites and discusses how to:

- Activate message channels for the eProcurement integration.
- Activate messages for the eProcurement integration.
- Set up integration transactions for the eProcurement integration.
- Add channels to permissions for the eProcurement integration.
- Add component interfaces to permissions for the eProcurement integration.
- Activate message subscriptions for the eProcurement integration.
- Increase the size of the Account ChartField.

### Prerequisites

Before you complete the tasks discussed here to set up the integration environment in the PeopleSoft Enterprise Financials/SCM database:

- Set up the local gateway in the PeopleSoft Enterprise Financials/SCM database.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Local Gateway, page 17.](#)

- Activate the PSFT\_E1 message node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Nodes, page 18.](#)

- Identify the properties and provide a designated URL for the PSFT\_E1 node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Node Definitions, page 18.](#)

## Page Used to Set Up the eProcurement Integration in the PeopleSoft Enterprise Database

Access these pages in the PeopleSoft Enterprise Financials/SCM database.

Page Name	Object Name	Navigation	Usage
Advanced Configuration	FS_CF_TEMPLATE	Set Up Financials/Supply Chain, Common Definitions, Design ChartFields, Configure, Advanced Configuration	If the combination of the object and subsidiary portions of JD Edwards EnterpriseOne account numbers exceeds 10 characters, configure the ChartField accounts from 10 characters to 15.
Component Interfaces	ACL_COMP_INTERFACE	PeopleTools, Security, Permissions & Roles, Permission Lists Click the Component Interfaces tab.	Set channel permissions to load receipts that are created in JD Edwards EnterpriseOne in PeopleSoft Enterprise eProcurement.

## Activating Message Channels for the eProcurement Integration

Verify that these message channels have a message channel status of *Run*:

- ITEM\_CATALOG\_PRICE
- ITEM\_MAINTENANCE
- ENTERPRISE\_SETUP
- REQUESTER\_LOAD
- SAC\_ACCT\_LOAD\_CHNL
- SAC\_EXT\_RECV\_STS\_CHNL
- SAC\_PS\_EIP
- SAC\_RECPT\_OUT\_CHNL
- USER\_PROFILE
- VENDOR

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Channels, page 17.](#)

## Activating Messages for the eProcurement Integration

Verify that these messages are active:

- ITEM\_PRICELIST\_LOAD
- ITEM\_SYNC
- REQUESTER\_LOAD
- SAC\_ACCT\_LOAD\_EIP

- SAC\_EXT\_PO\_STS\_UPD
- SAC\_EXT\_RCPT
- SAC\_EXT\_RECV\_STS\_UPD
- SAC\_PO\_STS\_OUT
- SAC\_PS\_PO\_EIP
- SAC\_RECPT\_OUT
- SHIPTO\_LOCATION
- VENDOR\_SYNC

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Messages, page 17.](#)

## Setting Up Integration Transactions for the eProcurement Integration

You must activate these nodes and their associated transactions:

Node Name	Transaction Name	Version	Transaction Type	Routing Type
PSFT_E1	ITEM_PRICELIST_LOAD	VERSION_1	InAsync	N/A
PSFT_E1	ITEM_SYNC	VERSION_1	InAsync	N/A
PSFT_E1	LOCATION_SYNC	VERSION_1	InAsync	N/A
PSFT_E1	REQUESTOR_LOAD	VERSION_1	InAsync	N/A
PSFT_E1	SAC_ACCT_LOAD_EIP	VERSION_1	InAsync	N/A
PSFT_E1	SAC_EXT_PO_STS_UPD	VERSION_1	InAsync	N/A
PSFT_E1	SAC_EXT_RCPT	VERSION_1	InAsync	N/A
PSFT_E1	SAC_EXT_RECV_STS_UPD	VERSION_1	InAsync	N/A
PSFT_E1	SAC_PO_STS_OUT	VERSION_1	OutAsync	Implicit
PSFT_E1	SAC_PS_PO_EIP	VERSION_1	OutAsync	Implicit
PSFT_E1	SAC_RECPT_OUT	VERSION_1	OutAsync	Implicit
PSFT_E1	SHIPTO_LOCATION	VERSION_1	InAsync	N/A
PSFT_E1	USER_PROFILE	VERSION_84	InAsync	N/A
PSFT_E1	VENDOR_SYNC	VERSION_1	InAsync	N/A

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Integration Transactions, page 19.](#)

## Adding Channels to Permissions for the eProcurement Integration

To send and receive sourcing events in the PeopleSoft Enterprise system, you must set the channel permissions for the SAC\_PS\_EIP channel.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Adding Channels to Permissions, page 19.](#)

## Adding Component Interfaces to Permissions for the eProcurement Integration

Access the Component Interfaces page.

This example shows the Component Interface Permissions page, which is used later in the task.

Component Interface Permissions

SAC\_PO\_RECV\_CI

Method	*Method Access
Create	Full Access
Save	Full Access
Cancel	Full Access

Full Access (All)

No Access (All)

Component Interface Permissions page

To add a component interface to a permission list:

1. Select a permission list for a user ID that has access to the Application Server.
2. Select the Component Interfaces tab and insert a row for the *SAC\_PO\_RECV\_CI* component interface.
3. Click the Edit link for the row.
4. Click Full Access (All) and then click OK.
5. Click Save.

## Activating Message Subscriptions for the eProcurement Integration

Verify that these message subscriptions are active:

Message Name	Subscription Name
ITEM_PRICELIST_LOAD	ItemPriceListLoad
ITEM_SYNC	ItemSync

Message Name	Subscription Name
REQUESTER_LOAD	RequesterLoad
SAC_ACCT_LOAD_EIP	SACAcctLoad
SAC_EXT_PO_STS_UPD	ExtPOStatusUpdate
SAC_EXT_RCPT	LoadExternalReceipt
SAC_EXT_RECV_STS_UPD	ExtRecvStatusUpdate
SHIPTO_LOCATION	ShipToLocation
VENDOR_FULLSYNC	VendorFullSync
VENDOR_SYNC	VendorSync

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Subscriptions, page 19](#).

## Increasing the Size of the Account ChartField

Access the Advanced Configuration page.

Advanced Configuration		Standard Configuration				
	Status	Order	ChartField	Field Long Name	Field Length	
<input type="checkbox"/>	Active	1	ACCOUNT	Account	15	
<input type="checkbox"/>	Active	2	ALTACCT	Alternate Account	10	
<input type="checkbox"/>	Active	3	OPERATING_UNIT	Operating Unit	8	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	4	FUND_CODE	Fund Code	5	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	5	DEPTID	Department	10	
<input type="checkbox"/>	Active	6	PROGRAM_CODE	Program Code	5	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	7	CLASS_FLD	Class Field	5	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	8	BUDGET_REF	Budget Reference	8	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	9	PRODUCT	Product	6	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	10	BUSINESS_UNIT_PC	PC Business Unit	5	
<input type="checkbox"/>	Active	11	PROJECT_ID	Project	15	
<input type="checkbox"/>	Active	12	ACTIVITY_ID	Activity	15	
<input type="checkbox"/>	Active	13	RESOURCE_TYPE	Source Type	5	
<input type="checkbox"/>	Active	14	RESOURCE_CATEGORY	Category	5	
<input type="checkbox"/>	Active	15	RESOURCE_SUB_CAT	Subcategory	5	
<input type="checkbox"/>	Active	16	AFFILIATE	Affiliate	5	
<input type="checkbox"/>	Active	17	AFFILIATE_INTRA1	Fund Affiliate	10	<a href="#">Change Name</a>
<input type="checkbox"/>	Active	18	AFFILIATE_INTRA2	Operating Unit Affiliate	10	<a href="#">Change Name</a>
<input type="checkbox"/>	Inactive	99	CHARTFIELD1	ChartField 1	10	
<input type="checkbox"/>	Inactive	99	CHARTFIELD2	ChartField 2	10	
<input type="checkbox"/>	Inactive	99	CHARTFIELD3	ChartField 3	10	

Advanced Configuration page

To increase the size of the Account ChartField:

1. Set the account length to 15.
2. Click the Configure button to run the FS\_CONFIG program.
3. Generate the PSBUILD.SQL script in Application Designer by opening the FS\_CS\_ALTER\_TABLE project and selecting to build the project using the Alter Tables and Build script file build options.
4. Run the PSBUILD from the SQL Analyzer.
5. Open the project FS\_CF\_CREATE\_VIEW to re-create all views that contain the ACCOUNT field.

**Note.** Consult the documentation listed in the See Also subtopic section for full details.

## See Also

PeopleSoft Enterprise Application Fundamentals 8.9 Implementation Guide, "Configuring ChartFields."



## Setting Up the PeopleSoft eProcurement for Integration

This section discusses how to:

- Set up PeopleSoft eProcurement business unit options.
- Set up autonumbering for purchase orders.
- Disable document tolerance.

### Pages Used to Set Up the eProcurement Business Unit Integration Options

Access these pages in the PeopleSoft Enterprise Financials/SCM database.

Page Name	Object Name	Navigation	Usage
eProcurement Business Unit Options	BUS_UNIT_TBL_PM2	eProcurement, Administer Procurement, Maintain Business Units, eProcurement Business Unit Options	Define the eProcurement business unit as one that works with the JD Edwards EnterpriseOne system.
Auto Num Install (automatic numbering installation)	AUTO_NUM_PNL	Set Up Financials/Supply Chain, Common Definitions, Codes and Auto Numbering, Auto Numbering by Installation	Define the maximum length and the next number available for a specific setID.
Products	INSTALLATION_FS	eProcurement, Administer Procurement, Maintain Overall System Options, Installation Options, Products	Disable the document tolerance feature for all procurement GL business units.

### Setting Up PeopleSoft eProcurement Business Unit Options

Access the eProcurement Business Unit Options page.

## eProcurement Business Unit Options

**Business Unit:** US001 US001 NEW YORK OPERATIONS

Requisition Options	
<input type="checkbox"/>	Enable Req Region Security
<input checked="" type="checkbox"/>	Allow Req Change in Purchasing

Workflow Options	
<input type="checkbox"/>	Workflow Approval Required

Item Source Option	
Item Source:	Master Items Only

Requisition cycle Options	
<input type="checkbox"/>	Show PO Acknowledgements Icon
<input type="checkbox"/>	Show ASN Icon

Integration Option	
Integration Type:	Enterprise One Integration
PO ID Scheme:	PO ID By Installation

Integration Option			
1	Do Not Consolidate Reqs.	+	-
2	No Deletion After Integration	+	-
3	One Distribution per Schedule	+	-
4	PeopleSoft PO ID Used	+	-
5	One Schedule per Line	+	-

eProcurement Business Unit Options page

To set up PeopleSoft eProcurement business unit options:

1. Identify JD Edwards EnterpriseOne Integration as the integration type.
2. Select PO ID By Installation as the purchase order ID scheme.  
This defines how the system generates the purchase order.
3. Identify integration options.

**Note.** The options are hard rules for the integration. Ensure that all options are added to the business unit integration options.

## Setting Up Autonumbering for Purchase Orders


Access the Auto Num Install page.

## Auto Numbering

**SetID:** SHARE CORPORATE SETID

**Number Type:** PO Purchase Order

**\*Field Name:** PO\_ID  **Length:** 10

Automatic Numbering Details					Customize   Find   View All   		First	1 of 1	Last
*Start Seq	*Max Length	*Description	Last Number Issued	Default?					
000	8	E1 Integration	912	<input checked="" type="checkbox"/>					

Auto Num Install page

To set up autonumbering for purchase orders that are integrated with the JD Edwards EnterpriseOne system:

1. Select the number type of purchase order.
2. Identify PO\_ID as the field name.

**Note.** The JD Edwards EnterpriseOne system has a maximum length of eight characters.

## Disabling Document Tolerance

Access the Products page.

Installation Options		Products
<b>PeopleSoft Products</b>		
<input type="checkbox"/> ALM Portal Pack <input checked="" type="checkbox"/> Asset Management <input checked="" type="checkbox"/> Billing <input checked="" type="checkbox"/> Cash Management <input checked="" type="checkbox"/> Catalog Management <input checked="" type="checkbox"/> Collaborative Supply Mgmt <input checked="" type="checkbox"/> Contracts <input checked="" type="checkbox"/> Currency Conversion Utility <input checked="" type="checkbox"/> Deal Management <input type="checkbox"/> Demand Planning <input checked="" type="checkbox"/> Engineering <input checked="" type="checkbox"/> ESA Portal Pack <input checked="" type="checkbox"/> Expenses <input checked="" type="checkbox"/> eBill Payment <input checked="" type="checkbox"/> eProcurement <input checked="" type="checkbox"/> eSettlements <input checked="" type="checkbox"/> eSupplier Connection <input checked="" type="checkbox"/> Financials Portal Pack	<input checked="" type="checkbox"/> Flow Production <input checked="" type="checkbox"/> General Ledger <input checked="" type="checkbox"/> Grants <input checked="" type="checkbox"/> Human Capital Management <input type="checkbox"/> Implementation Toolkit <input checked="" type="checkbox"/> Inventory <input type="checkbox"/> Inventory Planning <input checked="" type="checkbox"/> Lease Administration <input checked="" type="checkbox"/> Maintenance Management <input checked="" type="checkbox"/> Manufacturing <input checked="" type="checkbox"/> Mobile Time and Expense <input type="checkbox"/> Mobile Time, Expense for Palm <input checked="" type="checkbox"/> Order Management <input checked="" type="checkbox"/> Payables <input checked="" type="checkbox"/> Pay/Bill Management <input checked="" type="checkbox"/> Product Configurator <input checked="" type="checkbox"/> Program Management <input checked="" type="checkbox"/> Project Costing	<input checked="" type="checkbox"/> Promotions Management <input checked="" type="checkbox"/> Proposal Management <input checked="" type="checkbox"/> Purchasing <input checked="" type="checkbox"/> Quality <input checked="" type="checkbox"/> Receivables <input checked="" type="checkbox"/> Resource Management <input checked="" type="checkbox"/> Risk Management <input checked="" type="checkbox"/> Services Procurement <input checked="" type="checkbox"/> Staffing Front Office <input checked="" type="checkbox"/> Strategic Sourcing <input checked="" type="checkbox"/> Supplier Contract Management <input checked="" type="checkbox"/> Supply Chain Portal Pack <input type="checkbox"/> Supply Planning <input type="checkbox"/> Trading Partner Management <input type="checkbox"/> Transaction Billing Processor
<b>Enable Commitment Control</b>		
<input type="checkbox"/> Billing <input checked="" type="checkbox"/> Expenses <input checked="" type="checkbox"/> General Ledger <input checked="" type="checkbox"/> Grants	<input type="checkbox"/> Inventory <input checked="" type="checkbox"/> Payables <input type="checkbox"/> Procurement Card <input checked="" type="checkbox"/> Project Costing	<input type="checkbox"/> Purchasing <input checked="" type="checkbox"/> Receivables

Products page

Clear the Purchasing option and click Save.

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## Setting Up the eProcurement Integration in the Integration Server

This section lists a prerequisite and discusses how to:

- Enable JD Edwards EnterpriseOne Adapter listener notifications for the eProcurement integration.
- Set up integration options for the eProcurement integration.

### Prerequisite

Enable the JD Edwards EnterpriseOne Adapter and the JD Edwards EnterpriseOne Adapter Listener. Enabling the adapter consists of enabling the JD Edwards EnterpriseOne connection and the corresponding Events connection.

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter, page 23.](#)

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter Listener, page 23.](#)

### Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the eProcurement Integration

Enable the listener and these listener notification services within the PSFT\_JD Edwards EnterpriseOne\_AdapterServices package:

- AdapterServices.Notification.Procurement:notifyHoldStatusEvent
- AdapterServices.Notification.Procurement:notifyPurchaseOrderEvent
- AdapterServices.Notification.Procurement:notifyPurchaseOrderReceipt

If you are using realtime events for the incremental synchronization of master data, enable the listener and these listener notification services within the PSFT\_JD Edwards EnterpriseOne\_AdapterServices package:

- AdapterServices.Notification.AddressBook:notifyAddressBook
- AdapterServices.Notification.Financials:notifyGLAccountEvent
- AdapterServices.Notification.Inventory:notifyItemCostEvent
- AdapterServices.Notification.Inventory:notifyItemMasterEvent
- AdapterServices.Notification.Inventory:notifyItemUOMEEvent
- AdapterServices.Notification.AddressBook:notifyShipToEvent
- AdapterServices.Notification.Supplier:notifySupplierEvent

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling JD Edwards EnterpriseOne Adapter Listener Notifications, page 23.](#)

### Setting Up Integration Options for the eProcurement Integration

This section lists integration options used by all integration flows as well as the integration options for these integration points:

- Accounts.
- Suppliers to Vendors.
- Items.
- Item Costs.
- Supplier Item Cost to Item Price List.
- Ship To Locations.
- User Profile to Requester.
- Purchase Order.
- Hold Status Update.
- Purchase Order Dispatch Status from PeopleSoft Enterprise.
- Purchase Order Dispatch Status from JD Edwards EnterpriseOne.
- Purchase Order Receipt from PeopleSoft Enterprise.
- Purchase Order Receipt from JD Edwards EnterpriseOne.
- Purchase Order Close Status.

### Integration Options Used by All Flows

All flows used in the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement integration require these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM	To Node	<p>Specify the PeopleSoft Enterprise node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_EP</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM	From Node	<p>Specify the JD Edwards EnterpriseOne node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_E1</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>
PSFT_Dispatcher, Outbound	Transport	<p>Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).</p> <p>The system uses the value from this integration option if the Transaction Transport option for the specific flow does not contain a value. If you are using one gateway for all pillars, you can set up the transport at this level (PPI) so that you don't have to set it for each flow.</p> <p>The default value is <i>http</i>.</p>
PSFT_Dispatcher, Outbound	Address for Transport	<p>Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).</p> <p>The system uses the value from this integration option if the Transaction Transport Address option for the specific flow does not contain a value. If you are using one gateway for all pillars, you can set up the transport address at this level (PPI) so that you don't have to set it for each flow.</p> <p>This value is an example:  <i>http://machinename:port/PSIGW/HttpListeningConnector</i>.</p>

## Accounts

The integration options in this section are used by these flows:

- PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_Account\_To\_E\_SRM\_Account
- PSFT\_JD Edwards EnterpriseOne\_SRM.RealTimeDataSyncs.E1\_Account\_To\_E\_Account

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM.InitialBatchLoads:E1_Account_To_E_SRM_Account	Account Set ID	Specify the default setID for account entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_SRM.InitialBatchLoads:E1_Account_To_E_SRM_Account	Directory From Location - E1	Specify the directory that contains the f0901batchload.txt file that is generated by the Account Master Batch Load program (R8909F0901).  This value is an example: <i>\\machinename\pyexport</i> .
PSFT_JD Edwards EnterpriseOne_SRM.InitialBatchLoads:E1_Account_To_E_SRM_Account	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_SRM.InitialBatchLoads:E1_Account_To_E_SRM_Account	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector</i> .

## Suppliers to Vendors

The integration options in this section are used by these flows:

- PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_Supplier\_To\_E\_Vendor
- PSFT\_JD Edwards EnterpriseOne\_SRM.RealTimeDataSyncs.E1\_Supplier\_To\_E\_Vendor

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_Supplier_To_E_Vendor	Default SetID	Specify the default setID for vendor entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_Supplier_To_E_Vendor	Directory From Location - E1	Specify the directory that contains the f0401batchload.txt file that is generated by the Supplier Master Batch Load program (R8901F0401).  This value is an example: <i>\\machinename\pyexport</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_Supplier_To_E_Vendor	Email Type	Specify the email type that is used when retrieving the contact's email address in the JD Edwards EnterpriseOne system.  This value is an example: <i>E</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_Supplier_To_E_Vendor	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_Supplier_To_E_Vendor	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>

## Items

The integration options in this section are used by these flows:

- PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_ItemMaster\_To\_E\_Item
- PSFT\_JD Edwards EnterpriseOne\_SRM.RealTimeDataSyncs.E1\_ItemMaster\_To\_E\_Item

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemMaster_To_E_Item	Default Category Code	Specify the default category code for item entries. This integration option is used to populate the CATEGORY_CD field in the ITEM_SYNC message for the incremental sync of items.  For the batch load of items, the actual category code from the Commodity Class field (PRP1) in the JD Edwards EnterpriseOne Item Master table (F4101) is sent to the PeopleSoft Enterprise system.
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemMaster_To_E_Item	Default SetID	Specify the default setID for item entries.  This value is an example: <i>SHARE</i> .



Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemMaster_To_E_Item	Directory From Location - E1	Specify the directory that contains the f4101batchload.txt file that is generated by the Item Master Batch Load program (R8941F4101).  This value is an example: <i>\\machinename\pyexport.</i>
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemMaster_To_E_Item	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemMaster_To_E_Item	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>
PSFT_JD Edwards EnterpriseOne_SRM, RealTimeDataSyncs, E1_ItemMaster_To_E_Item	Valid Stocking Types	Specify the stocking types to be transferred in the ITEM_SYNC message for the incremental sync of items.  Separate multiple values with a pipe character ( ).  This value is an example: <i>S P N O</i> .  For the batch load of items, you run the integration once for each stocking type that you want to integrate.

## Item Costs

The integration options in this section are used by these flows:

- PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_ItemCost\_To\_E\_Item
- PSFT\_JD Edwards EnterpriseOne\_SRM.RealTimeDataSyncs.E1\_ItemCost\_To\_E\_Item

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemCost_To_E_Item	Directory From Location - E1	Specify the directory that contains the f4105batchload.txt file that is generated by the Item Cost Batch Load program (R8941F4105).  This value is an example: <i>\\machinename\pyexport.</i>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM,InitialBatchLoads, E1_ItemCost_To_E_Item	Item Cost SetID	Specify the default setID for item cost entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_ SRM,InitialBatchLoads, E1_ItemCost_To_E_Item	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_ SRM,InitialBatchLoads, E1_ItemCost_To_E_Item	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector</i> .

### Supplier Item Cost to Item Price List

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_  
SRM.InitialBatchLoads.E1\_SupplierItemCost\_To\_E\_SRM\_ItemPriceList flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM,InitialBatchLoads, E1_SupplierItemCost_To_E_SRM_ ItemPriceList	Directory From Location - E1	Specify the directory that contains the v4101FJbatchload.txt file that is generated by Item Cost Batch Load program (R89F4101A).  This value is an example: <i>\\machinename\pyexport</i> .
PSFT_JD Edwards EnterpriseOne_ SRM,InitialBatchLoads, E1_SupplierItemCost_To_E_SRM_ ItemPriceList	Supplier Item Cost Set ID	Specify the default setID for item price list entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_ SRM,InitialBatchLoads, E1_SupplierItemCost_To_E_SRM_ ItemPriceList	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_SupplierItemCost_To_E_SRM_ItemPriceList	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>
System	E1 Date Pattern	Specify the date pattern that is set up in the JD Edwards EnterpriseOne system (for example, <i>mm/dd/yyyy</i> ).

## Ship To Locations

The integration options in this section are used by these flows:

- PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_ShipTo\_To\_E\_ShipToLocation
- PSFT\_JD Edwards EnterpriseOne\_SRM.StrategicSourcing.E1\_ShipToRTE\_To\_E\_ShipToLocation
- PSFT\_JD Edwards EnterpriseOne\_SRM.StrategicSourcing.E1\_AddressBookRTE\_To\_E\_ShipToLocation
- PSFT\_JD Edwards EnterpriseOne\_SRM.StrategicSourcing.E1\_AddressBookRTE\_To\_E\_LocationSync

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ShipTo_To_E_ShipToLocation	Default Set ID	Enter the default setID for ship to location entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ShipTo_To_E_ShipToLocation	Directory From Location - E1	Specify the location of the flat file that is generated by JD Edwards EnterpriseOne. Specify the directory that contains the f0101batchload.txt file that is generated by the Address Book Master Batch Load program (R8901F0101).  This value is an example: <i>\\machinename\pyexport.</i>
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ShipTo_To_E_ShipToLocation	In File Name - E1	Specify the name of the flat file that is generated by the JD Edwards EnterpriseOne system.  This value is an example: <i>f0101batchload.txt</i>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ShipTo_To_E_ShipToLocation	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ShipTo_To_E_ShipToLocation	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>

### User Profile to Requester

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_SRM.InitialBatchLoads.E1\_UserProfile\_To\_E\_SRM\_Requester flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_UserProfile_To_E_SRM_Requester	Directory From Location - E1	Specify the directory that contains the v0092jbatchload.txt file that is generated by the User Profile/Address Book Batch Load program (R89F0092).  This value is an example: <i>\\machinename\pyexport.</i>
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_UserProfile_To_E_SRM_Requester	Employee Set ID	Specify the default setID for employees' entries.  This value is an example: <i>SHARE</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_UserProfile_To_E_SRM_Requester	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_UserProfile_To_E_SRM_Requester	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>

## Purchase Order

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_SRM.eProcurement.E\_PO\_To\_E1\_PO flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement	Document Order Type	<p>Specify the document type that you use to distinguish purchase orders that originate in PeopleSoft Enterprise eProcurement from other purchase orders. This document type must be set up in UDC 00/DT and in the Order Line Types program (P40205) in the JD Edwards EnterpriseOne system.</p> <p>The default value is <i>PS</i>.</p> <p><b>Note.</b> If you are integrating both PeopleSoft Enterprise eProcurement and PeopleSoft Enterprise Strategic Sourcing with JD Edwards EnterpriseOne Procurement, make sure that you use a different document type for purchase orders that originate in eProcurement than you do for purchase orders that originate in Strategic Sourcing.</p>
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E_PO_To_E1_PO	NonStock Line Type	<p>Specify the order line type that you use to distinguish nonstock purchase orders in the JD Edwards EnterpriseOne system.</p> <p>The default value is <i>N</i>.</p>
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E_PO_To_E1_PO	Processing Version - E1 Purchase Order	<p>Specify the version of the Enter Purchase Orders program (P4310) to use in the PeopleSoft Enterprise system for purchase orders that originate in PeopleSoft Enterprise eProcurement.</p> <p>The default value is <i>ZJDE0001</i>.</p>
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E_PO_To_E1_PO	Service Line Type	<p>Specify the order line type that you use to distinguish service purchase orders in the JD Edwards EnterpriseOne system.</p> <p>The default value is <i>J</i>.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E_PO_To_E1_PO	Transaction Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E_PO_To_E1_PO	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .

### Hold Status Update

The integration options in this section are used by the eProcurement.E1\_POHoldStatus\_To\_E\_POStatusUpdate flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E1_POHoldStatus_To_E_POStatusUpdate	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E1_POHoldStatus_To_E_POStatusUpdate	Transaction Transport Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>

### Purchase Order Dispatch Status from PeopleSoft Enterprise

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_SRM.eProcurement.E\_PODispatch\_To\_E1\_POStatus flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement	Document Order Type	Specify the document type that you use to distinguish purchase orders that originate in PeopleSoft Enterprise eProcurement from other purchase orders. You must also set up this document type in UDC 00/DT in the JD Edwards EnterpriseOne system.  The default value is <i>PS</i> .
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E_PODispatch_To_E1_POStatus	Bypass Business Function Warnings	Specify <i>1</i> to ignore warnings issued by the JD Edwards EnterpriseOne business function. Specify <i>0</i> to receive business function warnings. If you specify <i>0</i> and the business function for the status update in the JD Edwards EnterpriseOne system generates a warning, the integration stops processing the status update and returns an error to the PeopleSoft Enterprise system.  The default value is <i>1</i> .
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E_PODispatch_To_E1_POStatus	Next Status Code	Specify the next status code to apply to JD Edwards EnterpriseOne purchase order lines that have been dispatched in eProcurement. This status must be set up in the Order Activity Rules program (P40204) for the correct document type and line type.  The default value is <i>280</i> .
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E_PODispatch_To_E1_POStatus	Transaction Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E_PODispatch_To_E1_POStatus	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .

### Purchase Order Dispatch Status from JD Edwards EnterpriseOne

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_SRM.eProcurement.E1\_PODispatch\_To\_E\_POStatus flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM,eProcurement	Document Order Type	Specify the document type that you use to distinguish purchase orders that originate in PeopleSoft Enterprise eProcurement from other purchase orders. You must also set up this document type in UDC 00/DT in the JD Edwards EnterpriseOne system.  The default value is <i>PS</i> .
PSFT_JD Edwards EnterpriseOne_SRM,eProcurement, E_PODispatch_To_E1_POStatus	Transaction Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>
PSFT_JD Edwards EnterpriseOne_SRM,eProcurement, E_PODispatch_To_E1_POStatus	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .
PSFT_JD Edwards EnterpriseOne_XPIBroker, Procurement	Dispatched Status	Specify the next status code for purchase order lines that are dispatched in the JD Edwards EnterpriseOne system. This status must be set up in the Order Activity Rules program (P40204) for the correct document type and line type.  You should specify the same value in this integration option and in the Family, Procurement, PPI, eProcurement, E_PODispatch_And_E1_PODispatch, Next Status Code integration option.  The default value is <i>280</i> .

### Purchase Order Receipt from PeopleSoft Enterprise

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_SRM.eProcurement.E\_PORceipt\_To\_E1\_PORceipt flow.



Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement	Document Order Type	Specify the document type that you use to distinguish purchase orders that originate in PeopleSoft Enterprise eProcurement from other purchase orders. You must also set up this document type in UDC 00/DT in the JD Edwards EnterpriseOne system.  The default value is <i>PS</i> .
System	E1 Date Pattern	Specify the date pattern that is set up in the JD Edwards EnterpriseOne system (for example, <i>mm/dd/yyyy</i> ).
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E_PORceipt_To_E1_ PORceipt	Transaction Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector</i> .
PSFT_JD Edwards EnterpriseOne_SRM, eProcurement, E_PORceipt_To_E1_ PORceipt	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .

### Purchase Order Receipt from JD Edwards EnterpriseOne

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_SRM.eProcurement.E1\_PORceipt\_To\_E\_PORceipt flow.

Navigation	Integration Option	Usage
System	Program Id	Specify the program ID that you use to distinguish receipts made in the JD Edwards EnterpriseOne system (on purchase orders that originated in PeopleSoft Enterprise eProcurement) from other receipts.  The default value is <i>XPI</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM, eProcurement	Document Order Type	Specify the document type that you use to distinguish receipts made in the JD Edwards EnterpriseOne system on purchase orders that originated in PeopleSoft Enterprise eProcurement from other receipts. This document type must be set up in UDC 00/DT in the JD Edwards EnterpriseOne system.  The default value is <i>PS</i> .
PSFT_JD Edwards EnterpriseOne_ SRM, eProcurement, E1_PORceipt_ To_E_PORceipt	Transaction Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>
PSFT_JD Edwards EnterpriseOne_ SRM, eProcurement, E1_PORceipt_ To_E_PORceipt	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .

### Purchase Order Close Status

The integration options in this section are used by the PSFT\_JD Edwards EnterpriseOne\_SRM.eProcurement.E1\_POClose\_To\_E\_POStatus flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SRM, eProcurement, E1_POClose_ To_E_POStatus	Transaction Address	Specify the target address of the transport in the PeopleSoft Enterprise system (for example, the URL for an http transport).  This value is an example: <i>http://machinename:port/PSIGW/HttpListeningConnector.</i>
PSFT_JD Edwards EnterpriseOne_ SRM, eProcurement, E1_POClose_ To_E_POStatus	Transaction Transport	Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, HTTP or JMS).  The default value is <i>http</i> .

### See Also

Chapter 4, “Setting Up Integrations in the Integration Server,” Setting Up Integration Options and Cross References, page 24

## CHAPTER 36

# Setting Up Prerequisite Data for the eProcurement Integration

This chapter discusses how to:

- Set up manual data for the eProcurement integration.
- Load master data for the eProcurement integration.
- Set up cross-references for the eProcurement integration.

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## Setting Up Manual Data for the eProcurement Integration

Due to their static nature, certain entities must be manually synchronized between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.

You must load the values for these JD Edwards EnterpriseOne codes into the PeopleSoft Enterprise system before you run the integration:

PeopleSoft Enterprise Entity	JD Edwards EnterpriseOne Entity	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Navigation	Comments
Business Unit	Branch/Plant	eProcurement, Administer Procurement, Maintain Business Units, Purchasing Definition, Business Unit Definition	Procurement System Setup (G43A41), Branch/Plant Constants	We recommend that you manually enter the JD Edwards EnterpriseOne business unit (MCU) value for the branch/plant as the description of the branch/plant in the PeopleSoft Enterprise system. Entering the JD Edwards EnterpriseOne business unit number in the PeopleSoft Enterprise system makes it easier to looking up corresponding branch/plants in the two systems.
Buyer	Employees	eProcurement, Administer Procurement, Maintain Procurement Users, Buyers	Daily Processing (G0110), Address Book Revisions  The search type is E.	In the JD Edwards EnterpriseOne system, add address book records for employees using search type <i>E</i> . The User Profile/Address Book Batch Load adds the data to PeopleSoft Enterprise requesters. You must set up buyers manually in the PeopleSoft Enterprise system after the batch load is run.
Country	Country	Set Up Financials /Supply Chain, Common Definitions, Location, Country	UDC 00/CN	The default in the PeopleSoft Enterprise system is a three-digit value; two-digit values need to be set up to match the length allowed in the JD Edwards EnterpriseOne system. A blank value in JD Edwards EnterpriseOne user-defined codes is invalid when running this integration.

<b>PeopleSoft Enterprise Entity</b>	<b>JD Edwards EnterpriseOne Entity</b>	<b>PeopleSoft Enterprise Navigation</b>	<b>JD Edwards EnterpriseOne Navigation</b>	<b>Comments</b>
Currency Code	Currency Code	Set Up Financials /Supply Chain, Common Definitions, Currency, Currency Code	Multi-Currency Setup (G1141), Designate Currency Codes	A blank value in the JD Edwards EnterpriseOne system is invalid when running this integration.
Currency Exchange Rates	Currency Exchange Rates	Set Up Financials /Supply Chain, Common Definitions, Market Rates, Market Rates	Multi-Currency Setup (G1141), Currency Exchange Rate Entry	The JD Edwards EnterpriseOne system is the system of record for exchange rates. Exchange rates should be set up the same in both systems, but the exchange rate from the JD Edwards EnterpriseOne system is used when the purchase order is paid.
Freight Terms	Freight Handling Codes	Set Up Financials /Supply Chain, Common Definitions, Shipping and Receiving, Freight Terms	UDC 42/FR	
Item Category	Item Master Commodity Class Codes	Items, Define Controls, Item Categories	Inventory Master Transactions (G4111), Item Master  Select Category Codes, Commodity Class from the Row menu.  Use UDC 41/P1 to set up valid commodity classes.	The PeopleSoft Enterprise system has both a Category ID and a Category Name. The Category ID is assigned by next numbers. You should enter Category Names in the PeopleSoft Enterprise system that match the Commodity Class Codes in UDC 41/P1 in the JD Edwards EnterpriseOne system.

<b>PeopleSoft Enterprise Entity</b>	<b>JD Edwards EnterpriseOne Entity</b>	<b>PeopleSoft Enterprise Navigation</b>	<b>JD Edwards EnterpriseOne Navigation</b>	<b>Comments</b>
Payment Terms	Payment Terms	Set Up Financials /Supply Chain, Product Related, Procurement Options, Payments, Payment Terms - Single Payment	Payment Terms Revisions (G00141), Payment Terms Revisions	<p>This integration supports simple payment terms only.</p> <p>The default in the PeopleSoft Enterprise system is a five-digit value; three-digit values need to be set up to match the length allowed in the JD Edwards EnterpriseOne system.</p>
Ship Via Codes	Modes of Transport	Set Up Financials /Supply Chain, Common Definitions, Shipping and Receiving, Ship Via Codes	UDC 00/TM	
State	State	Set Up Financials /Supply Chain, Common Definitions, Location, State	UDC 00/S	<p>The default in the PeopleSoft Enterprise system is a six-digit value. However, state codes must not exceed two-digits to match the length allowed in the JD Edwards EnterpriseOne system.</p> <p>State codes in the PeopleSoft Enterprise system have an associated two-digit country code.</p>

PeopleSoft Enterprise Entity	JD Edwards EnterpriseOne Entity	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Navigation	Comments
Tax Codes Tax Authority VAT Intrastat Tax Code VAT Intrastat Tax Authority	Tax Rate Areas Tax Explanation Codes Tax Authorities	<ul style="list-style-type: none"> <li>Set Up Financials /Supply Chain, Common Definitions, Sales and Use Tax, Codes</li> <li>Set Up Financials /Supply Chain, Common Definitions, Sales and Use Tax, Authorities</li> <li>Set Up Financials /Supply Chain, Common Definitions, VAT and Intrastat, Value Added Tax, VAT Code</li> <li>Set Up Financials /Supply Chain, Common Definitions, VAT and Intrastat, Value Added Tax, VAT Authority</li> </ul>	<ul style="list-style-type: none"> <li>Tax Processing and Reporting (G0021), Tax Rate/Areas</li> <li>Daily Processing (G0110), Address Book Revisions (use Search Type TAX)</li> </ul>	Taxes are calculated in the PeopleSoft Enterprise system at the time of purchase order creation in the PeopleSoft Enterprise system, but the tax calculated by the JD Edwards EnterpriseOne system takes precedence over any tax calculated in the PeopleSoft Enterprise system because payment takes place in the JD Edwards EnterpriseOne system.
Quantity Received Tolerance %	Quantity Tolerance %	Items, Define Controls, Item Categories, Category Definition 2 tab, Receiving Controls  <b>Note.</b> Use this navigation to set receipt tolerance for an entire category. You can also set tolerance at the individual item level.	Procurement System Setup (G43A41), Tolerance Rules	The PeopleSoft Enterprise system supports tolerance on quantity only, not on amount. You must set up corresponding tolerance percentage for quantity to prevent a receipt that is created in one system from failing to be created in another system because it exceeds tolerance.

PeopleSoft Enterprise Entity	JD Edwards EnterpriseOne Entity	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Navigation	Comments
Unit of Measure	Unit of Measure	Set Up Financials /Supply Chain, Common Definitions, Units of Measure, Units of Measure	UDC 00/UM	Dual unit of measure transactions are not supported for this integration.  The default in the PeopleSoft Enterprise system is a three-digit value; two-digit values need to be set up.
Vendor Roles	Supplier	<ul style="list-style-type: none"> <li>Vendors, Vendor Information, Add-Update, Vendor</li> <li>Vendors, Vendor Information, Add-Update, Vendor User</li> <li>Vendors, Vendor Information, Add-Update, Define Vendor User</li> </ul>	Daily Processing (G0110), Address Book Revisions  Use Search Type UDC (01/ST)	The Supplier Master Batch Load automatically loads all JD Edwards EnterpriseOne Suppliers to PeopleSoft Enterprise Vendors. You must manually set up vendor roles in the PeopleSoft Enterprise system only. They are used to set up the vendor's user ID, define the actions that the vendor can complete, and enable the vendor to sign on to the PeopleSoft Enterprise system.

## Loading Master Data for the eProcurement Integration

This section provides overviews of the process of loading JD Edwards EnterpriseOne data into PeopleSoft Enterprise tables and of the incremental synchronization of master data for the eProcurement integration, lists prerequisites, and discusses how to:

- Set processing options for Account Master Batch Load (R8909F0901).
- Set processing options for Supplier Master Batch Load (R8901F0401).
- Set processing options for Item Master Batch Load (R8941F4101).
- Set processing options for Item Cost Batch Load (R8941F4105).
- Set processing options for Supplier Price Batch Load - F41061 (R8945F4161).
- Set processing options for Address Book Master Batch Load (R8901F0101).
- Set processing options for Unit of Measure Batch Load (R89F41002).



- Run batch integrations in the Integration Server for the eProcurement integration.

## Understanding the Process of Loading JD Edwards EnterpriseOne Data into PeopleSoft Enterprise Tables for the eProcurement Integration

Perform initial loading of this JD Edwards EnterpriseOne data to corresponding PeopleSoft Enterprise tables:

- Accounts
- Suppliers
- Items
- Item Cost
- Supplier Item Cost
- Item Unit of Measure Conversions (optional)
- Ship To Locations (facilities)
- Users

This table describes the initial data loads that you must perform:

Table Conversion Program	Export File Name	Batch Integration Flow	PeopleSoft Enterprise Message
Account Master Batch Load (R8909F0901)	f0901batchload.txt	E1_Account_To_E_SRM_Account: convertAccountToAccountLoad	SAC_ACCT_LOAD_EIP
Supplier Master Batch Load (R8901F0401)	f0401batchload.txt	E1_Supplier_To_E_Vendor: convert_E1_Supplier_To_E_Vendor_ And_Dispatch	VENDOR_SYNC
Item Master Batch Load (R8941F4101)	f4101batchload.txt	E1_ItemMaster_To_E_Item: convert_E1_ItemMaster_To_E_Item	ITEM_SYNC
Item Cost Batch Load (R8941F4105)	f4105batchload.txt	E1_ItemCost_To_E_Item: convert_E1_ItemCost_To_E_Item	ITEM_SYNC
Supplier Price Batch Load - F4106 (R8945F4161)	v4101FJbatchload.txt	E1_SupplierItemCost_To_E_SRM_ ItemPriceList: convertSupplierItemCostToItem PriceList	ITEM_PRICE LIST_LOAD
Unit of Measure Batch Load (R89F41002)	F41002BatchLoad.tx	E1_ItemUOM_To_E_ItemUOM: convert_E1_ItemUOM_To_E_ ItemUOM	ITEM_SYNC
Address Book Master Batch Load (R8901F0101)	f0101batchload.txt	E1_ShipTo_To_E_ShipToLocation: convert_ShipTo_To_ShipToLocation	SHIPTO_LOCATION
User Profile/Address Book Batch Load (R89F0092)	v0092jbatchload.txt	E1_UserProfile_To_E_SRM_ Requester: convertUserProfileToRequester	REQUESTER_LOAD

## Account Master Batch Load

This initial batch load sends account information from the JD Edwards EnterpriseOne Account Master table (F0901) to the PeopleSoft Enterprise GL\_ACCOUNT\_TBL table.

The integration server sends the object and subsidiary portions of the JD Edwards EnterpriseOne account number, separated by the account delimiter specified in the integration options, to the PeopleSoft Enterprise system.

Only certain ranges of general ledger account numbers need to be integrated. For example, you might want to load only the expense accounts that support the items or services being placed on the requisitions.

You can limit the general ledger accounts that are integrated for the initial batch load by using the processing options on the Account Master Batch Load program (R8909F0901). Expense accounts tend to fall into certain ranges. For example, if the JD Edwards EnterpriseOne expense accounts are within object account numbers 1000-1499, and 5000-5499, then set up those ranges for the initial batch load and only those object account numbers are integrated with the PeopleSoft Enterprise system.

You can use a realtime event to integrate accounts that are added after the initial batch load. However, the realtime event does not recognize the account range that you defined for the initial batch load and may integrate accounts that are outside of this range. If you prefer not to use a realtime event to integrate account additions, you can run the Account Master Batch Load again, specifying an effective date and the appropriate account range in the processing options of the table conversion program.

The account message is written to a staging table in the PeopleSoft Enterprise system. If the message is validated in the staging table, the process scheduler runs the account loader to update the PeopleSoft Enterprise tables.

SAC\_ACCT\_LOAD\_EIP does not include an action code. Therefore, when you integrate an object account and subsidiary combination that has already been integrated, the system assumes that it is a change to the existing object account and subsidiary combination and overwrites the record in the PeopleSoft Enterprise system.

See [Chapter 2, “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications,” Batch Loads, page 10.](#)

See [Chapter 35, “Setting Up the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement Integration,” Setting Up Integration Options for the eProcurement Integration, page 318.](#)

## Supplier Master Batch Load

This initial batch load sends suppliers from these JD Edwards EnterpriseOne tables to the PeopleSoft Enterprise VENDOR table:

- Supplier Master (F0401)
- Address by Date (F0116)
- Address Book - Who's Who (F0111)
- Address Book - Contact Phone Numbers (F0115)
- Electronic Address (F01151)

The supplier-to-vendor flow does not support net change of transactions. To keep vendors synchronized in the JD Edwards EnterpriseOne system and the PeopleSoft Enterprise system, a system administrator must periodically purge the vendors from the PeopleSoft Enterprise system and rerun the supplier initial data load process.

Vendors are automatically assigned the vendor persistence setting Regular in the PeopleSoft Enterprise system.

The alpha name from the f0401batchload.txt file, which comes from the Alpha Name field (ALPH) in the Address Book Master table (F0101), is truncated to 14 characters and is mapped to the VENDOR\_NAME\_SHORT field in the VENDOR\_SYNC EIP. If the combination of the VENDOR\_NAME\_SHORT and the SETID for a record is not unique, the VENDOR\_SYNC cannot process the record and returns an error.

Also, effective-dated supplier records are not supported.

### Item Master Batch Load

This initial batch load sends items from the JD Edwards EnterpriseOne Item Master table (F4101) to the PeopleSoft Enterprise Item Master, MASTER\_ITEM, INV\_ITEM tables.

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**Note.** You must run the Account Master batch load before you run the Item Master batch load so that the items can be attached to valid accounts.

---

You must run the item master batch integration, including running both the table conversion program and the integration flow, once for each stocking type that you want to integrate. You should not include stocking types that are obsolete.

If you run the item master batch integration a second time for a single stocking type because of a problem with the initial load, you must clear the item cross reference before you rerun the batch integration.

See [Chapter 36, “Setting Up Prerequisite Data for the eProcurement Integration,” Setting Up Cross-References for the eProcurement Integration, page 350.](#)

The item message is written to a staging table in the PeopleSoft Enterprise system. If the message is validated in the staging table, the process scheduler runs the item loader to update the PeopleSoft Enterprise SRM tables.

The integration does not support configured items (stocking type C). If you load configured items from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system, the items are added, but the configuration is not maintained. If you load a parent configured item, the child configurations are not maintained.

Also, effective-dated items are not supported.

If approval processing is not activated in the PeopleSoft Enterprise system, items are automatically set to the Pending Approval (active) status.

### Item Cost Batch Load

This initial batch load sends item cost information from the JD Edwards EnterpriseOne Item Cost File table (F4105) to the standard price for an item in the PeopleSoft Enterprise PURCH\_ITEM\_ATTR table.

---

**Important!** You must run the item master initial data load before you run this initial data load.

---

The process of determining whether to load the cost information for an item depends on the cost level of the item. This table explains the process:

Cost Level	Process
1	The table conversion program compares the Purchasing Cost Method (PCSM) to the Cost Method (LEDG) in the Item Cost File table (F4105). If the two cost methods are the same, the record is written to the flat file.

Cost Level	Process
2	The table conversion program compares the value in the Branch/Plant processing option on the table conversion program to the Branch Plant (MCU) in the Item Cost File table (F4105). If two branch plants are the same, the table conversion compares the Purchasing Cost Method (PCSM) to the Cost Method (LEDG) in the Item Cost File table (F4105). If the two cost methods are the same, the record is written to the flat file.
3	The table conversion program compares the value in the Branch/Plant processing option on the table conversion program the Branch Plant (MCU) in the Item Cost File table (F4105). If the two branch plants are the same, the table conversion compares the primary location (LOCN) from the Item Location File table (F41021) with the primary location (LOCN) from the Item Cost File table (F4105). If the two primary locations are the same, the table conversion compares the Purchasing Cost Method (PCSM) to the Cost Method (LEDG) in the Item Cost File table (F4105). If the two cost methods are the same, the record is written to the flat file.

---

**Note.** If an item cost record fails any test described in the preceding table, that record is not written to the flat file.

---

The item cost message is written to a staging table in the PeopleSoft Enterprise system. If the message is validated in the staging table, the process scheduler runs the item loader to update the PeopleSoft Enterprise SRM tables.

If you run the item cost batch integration a second time because of a problem with the initial load, you must clear the itemcost key cross reference before you rerun the batch integration.

### Supplier Price Batch Load

This initial batch load sends supplier item cost information from the JD Edwards EnterpriseOne Supplier Price/Catalog File table (F41061) to the PeopleSoft Enterprise ITEM\_VENDOR\_UOM staging tables.

---

**Important!** The Supplier Price initial batch load requires that two additional programs are run in the PeopleSoft Enterprise system in order to properly load the tables.

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See PeopleSoft Managing Items 8.9 Implementation Guide, “Loading Items.”

The Quantity Break field in JD Edwards EnterpriseOne table F41061 is not sent to the PeopleSoft Enterprise system. If table F41061 contains two records for the same item with the same UOM (unit of measure), one with a Quantity Break and one without, the batch load will fail.

The PeopleSoft Enterprise system assumes that the unit of measure on the first supplier price record is the standard unit of measure. However, the first record sent from the JD Edwards EnterpriseOne system might not reflect the standard unit of measure for the item. After you perform the initial load of supplier prices, you might need to select the Default Unit of Measure option on the Vendor’s UOM & Pricing Info page in the PeopleSoft Enterprise system for the correct standard unit of measure for the vendor item price.

See PeopleSoft Enterprise Purchasing 8.9 Implementation Guide, “Setting Up PeopleSoft Purchasing,” Defining Purchasing Item Information, Defining Purchasing Item Attributes, Defining Purchasing Item Vendor UOM and Pricing Information.

### Item Unit of Measure Batch Load

This initial batch load sends unit of measure (UOM) conversion information from the JD Edwards EnterpriseOne Item Units of Measure Conversion Factors to the PeopleSoft Enterprise INV\_ITEM\_UOM and UOM\_TYPE\_INV tables.

The Item Unit of Measure Batch Load is optional. If you don't use PeopleSoft Enterprise eProcurement to procure hard goods, you might not need to use this batch load. If you do procure hard goods, you should either use this batch load or manually set up UOM conversions in PeopleSoft Enterprise that correspond to the UOM conversions you have in JD Edwards EnterpriseOne.

The PeopleSoft Enterprise system supports only unit of measure conversions from or to the primary (lowest) unit of measure. For example, if the primary unit of measure for an item is *EA* (each), a conversion from *BX* (boxes) to *EA* is supported, and a conversion from *EA* to *CA* (cases) is supported, but a conversion between *BX* (boxes) and *CA* (cases) is not supported.

Also, PeopleSoft Enterprise conversion rates cannot exceed seven integers and eight decimal places. A JD Edwards EnterpriseOne conversion rate with more than seven integers or eight decimals (for example, 12345678.0 or 0.123456789) cannot be integrated with the PeopleSoft Enterprise system.

If the primary unit of measure is equal to the From unit of measure, the integration flow sends the regular conversion factor to PeopleSoft Enterprise. If the primary unit of measure is equal to the To unit of measure, the integration flow sends the inverse conversion factor to PeopleSoft Enterprise.

The item unit of measure message is written to a staging table in the PeopleSoft Enterprise system. If the message is validated in the staging table, the process scheduler runs the item loader to update the PeopleSoft Enterprise SRM tables.

If you run the item unit of measure integration a second time because of a problem with the initial load, you must clear the itemUOM key cross reference before you rerun the batch integration.

Any subsequent additions or changes to item unit of measure conversions that occur in the JD Edwards EnterpriseOne system after the initial batch load is run should be sent to the PeopleSoft Enterprise system by the realtime event. Should you choose to reprocess the initial batch load rather than using the realtime event, additions are processed, but changes produce errors. Deletes are not supported at this time.

### Ship To Batch Load

This initial batch load sends address book records for facilities from the JD Edwards EnterpriseOne Address Book Master table (F0101) to the PeopleSoft Enterprise SHIP\_TO\_TBL table.

You must specify search type *F* in the processing options of the Address Book Master Batch Load program in order to select only facilities.

The mailing name from the JD Edwards EnterpriseOne system is truncated to 30 characters in the PeopleSoft Enterprise system and the alpha name is truncated to 10 characters in the PeopleSoft Enterprise system.

The E1\_Facilities\_To\_E\_SRM\_ShipToLocation flow that was used by the initial version of the eProcurement integration has been replaced by the E1\_ShipTo\_To\_E\_ShipToLocation flow. Both flows use the R8901F0101 table conversion to extract ship to locations from the JD Edwards EnterpriseOne system. If you are upgrading from the initial version of the eProcurement integration and have already run the E1\_Facilities\_To\_E\_SRM\_ShipToLocation flow to load ship to locations, you must now run the E1\_ShipTo\_To\_E\_ShipToLocation flow using the same ship to records in order to create the shipto key cross reference. In this situation, the E1\_ShipTo\_To\_E\_ShipToLocation will not add any records to the PeopleSoft Enterprise system because the records already exist. The sole purpose of running the flow is to create the cross reference. Because the ship to records already exist in the PeopleSoft Enterprise system, the load will error out in the PeopleSoft Enterprise system. You will need to clear out these error logs.

See [Chapter 36, “Setting Up Prerequisite Data for the eProcurement Integration,” Setting Up Cross-References for the eProcurement Integration, page 350.](#)

If you are using both the Sourcing integration and version two of the eProcurement integration, you must run the batch load for each integration by running the R89F41001 table conversion for the Sourcing integration and the R8901F0101 table conversion for the eProcurement integration. You then run the E1\_ShipTo\_To\_E\_ShipToLocation flow twice, specifying the appropriate flat file name in the In File Name - E1 integration option before each time you run the flow.

If you run the ship to batch integration a second time because of a problem with the initial load, you must clear the shipto cross reference before you rerun the batch integration.

### User Profile Batch Load

This initial batch load sends user records from the JD Edwards EnterpriseOne Library Lists - User table (F0092) to the PeopleSoft Enterprise REQUESTOR\_TBL table.

## Understanding the Incremental Synchronization of Master Data for the eProcurement Integration

After you have initially loaded master data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system, you may need to sync up additions or changes to master data that occur in the JD Edwards EnterpriseOne system.

Incremental sync integrations run automatically. When you add, change, or delete an item or item cost record in JD Edwards EnterpriseOne; when you add or change a supplier, ship to location, or unit of measure conversion; or when you add an account in JD Edwards EnterpriseOne.

---

**Note.** Some changes to JD Edwards EnterpriseOne companies, business units, and accounts may be to fields that are not integrated with the PeopleSoft Enterprise system. As a result, some incremental sync messages processed by the PeopleSoft Enterprise system might contain no changes to integrated data.

---

This table describes the incremental syncs provided in this integration:

Published Interface Document	Integration	EIP
notifySupplierEventPublishDocument	E1_Supplier_To_E_Vendor	VENDOR_SYNC
notifyGLAccountEventPublishDocument	E1_Account_To_E_Account	SAC_ACCT_LOAD_EIP
notifyAddressBookPublishDocument	E1_AddressBookRTE_To_E_ShipToLocation	LOCATION_SYNC SHIPTO_LOCATION

Published Interface Document	Integration	EIP
notifyShipToEventPublishDocument	E1_ShipTo_RTE_To_E_ShipToLocation	SHIPTO_LOCATION
notifyItemMasterEventPublishDocument	E1_ItemMaster_To_E_Item	ITEM_SYNC
notifyItemCostEventPublishDocument	E1_ItemCost_To_E_Item	ITEM_SYNC

## Suppliers

Effective dating of suppliers is not supported; the JD Edwards EnterpriseOne system sends an effective date of January 01, 1900 to the PeopleSoft Enterprise system for all suppliers. Therefore, the supplier incremental sync supports only the effective address, not future addresses.

Also, the supplier incremental sync supports only one address, one contact, and one email address for each supplier.

## Accounts

If you use data selection or integration options to include a range of accounts for the initial load, you must use the data selection or integration options for the incremental sync.

The JD Edwards EnterpriseOne system invokes the realtime event for accounts when accounts are added, but not when accounts are changed or deleted. If you delete an account in the JD Edwards EnterpriseOne system, you must also manually delete that account in the PeopleSoft Enterprise system.

## Ship To Locations

When you change a ship to location in the JD Edwards EnterpriseOne system, the RTABOUT realtime event is picked up by the E1\_AddressBookRTE\_To\_E\_ShipToLocation flow, which sends the data to the LOCATION\_SYNC EIP and the SHIPTO\_LOCATION EIP.

When you change an address book record for a ship to location in the JD Edwards EnterpriseOne system, you see two instances of the SHIPTO\_LOCATION EIP in the PeopleSoft Enterprise Integration Broker Message Monitor, one for inbound and one for outbound. This integration uses only the inbound EIP.

You must enter a value of 2 (Populate Both Contact Information Fields and Array) in the Configure Contact Information processing option 1 to 2 on the Address Book Master Real Time Event Wrapper Application (P010085). If you do not set this processing option, the XML message that is sent to the PeopleSoft Enterprise system does not contain the correct information.

The incremental sync of ship to locations does not support deletions. If you delete a ship to location in the JD Edwards EnterpriseOne system, you must manually inactivate the corresponding ship to location in the PeopleSoft Enterprise system.

Effective dating of ship to locations is not supported.

## Items

When you delete an item in the JD Edwards EnterpriseOne system, the item is marked as inactive in the PeopleSoft Enterprise system.

Unit of Measure - Weight and Unit of Measure - Volumes are not supported on the item realtime event. However, these fields are included on the initial load.

## Prerequisites

Before you load the master data described in this section:

- Set up UTF-8 encoding in the JD Edwards EnterpriseOne system so that the flat files that are created by the table conversion problems will be encoded correctly.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Unicode Flat File Encoding, page 20.](#)

- Set up the export folder where the JD Edwards EnterpriseOne table conversions will create the flat files.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Export Folder for Table Conversions, page 20.](#)

- Activate realtime events in the JD Edwards EnterpriseOne system.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Realtime Events, page 20.](#)

## Setting Processing Options for Account Master Batch Load (R8909F0901)

Processing options enable you to specify the default processing for programs and reports.

### Default

#### Date - From

Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Account Master table (F0901). If you leave this processing option blank, the table conversion selects all records in table F0901.

For the initial load of accounts, leave this processing option blank to select all business units.

#### Time - From

Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from table F0901.

For the initial load of accounts, leave this processing option blank to select all business units.

#### Business Unit - From

Specify the first business unit in a range of business units. The table conversion selects accounts within the business unit range that you specify.

If you leave this processing option blank and complete the Business Unit - To processing option, the system selects accounts with business units up to and including the business unit specified in the Business Unit - To processing option. If you leave both this processing option and the Business Unit - To processing option blank, all business units are valid for selection.

#### Business Unit - To

Specify the last business unit in a range of business units. The table conversion selects accounts within the business unit range that you specify.

If you leave this processing option blank and complete the Business Unit - From processing option, the system selects accounts with business units from and including the business unit specified in the Business Unit - From processing option. If you leave both this processing option and the Business Unit - From processing option blank, all business units are valid for selection.



<b>Object Account - From</b>	<p>Specify the first object account in a range of object accounts. The table conversion selects accounts within the object account range that you specify.</p> <p>If you leave this processing option blank and complete the Object Account - To processing option, the system selects accounts with object accounts up to and including the object specified in the Object Account - To processing option. If you leave both this processing option and the Object Account - To processing option blank, all object accounts are valid for selection.</p>
<b>Object Account - To</b>	<p>Specify the last object account in a range of object accounts. The table conversion selects accounts within the object account range that you specify.</p> <p>If you leave this processing option blank and complete the Object Account - From processing option, the system selects accounts with object accounts from and including the object specified in the Object Account - From processing option. If you leave both this processing option and the Object Account - From processing option blank, all object accounts are valid for selection.</p>
<b>Subsidiary</b>	<p>Specify the subsidiary that the table conversion uses to select accounts.</p> <p>If you leave this processing option blank, all subsidiaries are valid for selection.</p>

## Setting Processing Options for Supplier Master Batch Load (R8901F0401)

Processing options enable you to specify the default processing for programs and reports.

### Default

- 1. Date - From**

Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Supplier Master table (F0401). If you leave this processing option blank, the table conversion selects all records in the F0401 table.

For the initial load of suppliers, leave this processing option blank to select all business units.
- 2. Time - From**

Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from the F0401 table.

For the initial load of suppliers, leave this processing option blank to select all business units.

## Setting Processing Options for Item Master Batch Load (R8941F4101)

Processing options enable you to specify the default processing for programs and reports.

### Default

- Date - From**

Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Item Master table (F4101). If you leave this processing option blank, the table conversion selects all records in the F4101 table.

	For the initial load of items, leave this processing option blank to select all business units.
<b>Time - From</b>	Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from the F4101 table.  For the initial load of items, leave this processing option blank to select all business units.
<b>Stocking Type</b>	Specify the stocking type for nonstock transactions. The default value is <i>N</i> .
<hr/> <b>Note.</b> This integration supports only nonstock transactions. <hr/>	

## Setting Processing Options for Item Cost Batch Load (R8941F4105)

Processing options enable you to specify the default processing for programs and reports.

### Default

<b>Default Business Unit</b>	Specify the default branch plant to be used when creating the flat file for items at cost level 2 or 3. If the branch plant you enter does not match the branch plant of the selected record, the record is not written to the flat file. If you leave this processing option blank, the item cost flat file is generated for all branch plants.
<b>Default Location</b>	Specify the default location for items at cost level 3. Enter <i>I</i> to select item cost records based on their primary location as defined in the Item Location File table (F41021). Leave this processing option blank to create the item cost flat file for all locations.
<b>Stocking Type</b>	Specify the stocking type for nonstock transactions. The default value is <i>N</i> .

## Setting Processing Options for Supplier Price Batch Load - F41061 (R8945F4161)

Processing options enable you to specify the default processing for programs and reports.

### Default

<b>Date - From</b>	Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Supplier Price/Catalog File table (F41061). If you leave this processing option blank, the table conversion selects all records in the F41061 table.  For the initial load of supplier price, leave this processing option blank to select all business units.
<b>Time - From</b>	Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from the F41061 table.  For the initial load of supplier price, leave this processing option blank to select all business units.

## Setting Processing Options for Address Book Master Batch Load (R8901F0101)

Processing options enable you to specify the default processing for programs and reports.

### Default

1. **Date - From** Specify the beginning date of a valid range of dates that the table conversion uses to select records from the Address Book Master table (F0101). If you leave this processing option blank, the table conversion selects all records in the F0101 table.  
  
For the initial load of facilities, leave this processing option blank to select all business units.
2. **Time - From** Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build the data selection that the table conversion uses to select records from the F0101 table.  
  
For the initial load of facilities, leave this processing option blank to select all business units.
3. **Search Type** Specify the search type that the table conversion uses to select records from the F0101 table. For the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement integration, specify the search type for Facilities.

## Setting Processing Options for Unit of Measure Batch Load (R89F41002)

Processing options enable you to specify the default processing for programs and reports.

### Default

- Business Unit** Specify the branch/plant that the table conversion uses to select records from the Item Units of Measure Conversion Factors table (F41002). If you leave this processing option blank, the table conversion selects all records in the F41002 table.  
  
For the initial load of unit of measure conversions, leave this processing option blank to select all branch/plants.

## Running Batch Integrations in the Integration Server for the eProcurement Integration

Use JD Edwards EnterpriseOne WSG Integration Server or WSG Developer to invoke the batch integrations. The batch integration contains an integration service, which performs the necessary data transformations and exports an XML file that the PeopleSoft Enterprise system can receive.

To run the batch integrations manually, invoke these services:

Integration Service	Navigation
E1_ItemMaster_To_E_Item	PSFT_JD Edwards EnterpriseOne_ SRM.InitialBatchLoads.E1_ItemMaster_To_E_ Item:convert_E1_ItemMaster_To_E_Item
E1_ItemCost_To_E_Item	PSFT_JD Edwards EnterpriseOne_ SRM.InitialBatchLoads.E1_ItemCost_To_E_ Item:convert_E1_ItemCost_To_E_Item
E1_Supplier_To_E_Vendor	PSFT_JD Edwards EnterpriseOne_ SRM.InitialBatchLoads.E1_Supplier_To_E_Vendor: convert_E1_Supplier_To_E_Vendor_And_Dispatch
E1_SupplierItemCost_To_E_SRM_ItemPriceList	PSFT_JD Edwards EnterpriseOne_ SRM.InitialBatchLoads.E1_ SupplierItemCost_To_E_SRM_ItemPriceList: convertSupplierItemCostToItemPriceList
E1_Account_To_E_SRM_Account	PSFT_JD Edwards EnterpriseOne_ SRM.InitialBatchLoads.E1_Account_To_E_ SRM_Account:convertAccountToAccountLoad
E1_ShipTo_To_E_ShipToLocation	PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ShipTo_To_E_ShipToLocation, convert_ShipTo_To_ShipToLocation
E1_ItemUOM_To_E_ItemUOM	PSFT_JD Edwards EnterpriseOne_SRM, InitialBatchLoads, E1_ItemUOM_To_E_ItemUOM, convert_E1_ItemUOM_To_E_ItemUOM
E1_UserProfile_To_E_SRM_Requester	PSFT_JD Edwards EnterpriseOne_ SRM.InitialBatchLoads.E1_UserProfile_To_E_ SRM_Requester:convertUserProfileToRequester

**Note.** Some firewalls and network settings can interfere with the retrieval of the text files from the designated network folder if on a different domain. If this problem occurs, copy the text files to a share drive on the same network domain as the WSG Integration Server.

### See Also

webMethods Integration Server Administrator's Guide 6.1, "Managing Services," Working with Services, Testing Services

## Setting Up Cross-References for the eProcurement Integration

This section discusses how to:

- Set up key cross-references for the eProcurement integration.
- Set up code cross-references for the eProcurement integration.

## Setting Up Key Cross-References for the eProcurement Integration

The integration requires that key cross-references be set up in the JD Edwards EnterpriseOne WSG Cross-Reference database. The system creates all of these key cross-references except for the businessunit cross-reference, which you must create manually.

Some of the key cross references are used to determine whether a record that is being sent from the JD Edwards EnterpriseOne system is being added or changed. If the record has a the key that is already listed in the cross-reference, the record is considered to be a change. If the record's key is not already listed in the cross-reference, the record is considered to be an add.

Application ID	Object ID	Comments
<i>E-SRM</i>	<i>businessunit</i>	<p>You must manually set up this key cross-reference between JD Edwards EnterpriseOne business units and PeopleSoft Enterprise business units.</p> <p>In the Native Key field, specify business units from the BUSINESS_UNIT field in the PeopleSoft Enterprise system. In the Canonical Key field, specify business units from the Business Unit field (MCU) of the Business Unit Master table (F0006) in the JD Edwards EnterpriseOne system.</p>
<i>E-SRM</i>	<i>department</i>	<p>You must manually set up this key cross-reference between the JD Edwards EnterpriseOne business units that the employee expenses will be charged to, branch/plants, or both and PeopleSoft Enterprise departments.</p> <p>In the Native Key field, specify departments from the DEPT_ID field in the PeopleSoft Enterprise system. In the Canonical Key field, specify business units from the Business Unit field (MCU) in the Business Unit Master table (F0006) or in the Item Branch File table (F4102) in the JD Edwards EnterpriseOne system.</p>

Application ID	Object ID	Comments
<i>E-SRM</i>	<i>electronicaddresslinenumber</i>	<p>The system creates this key cross-reference during the initial load of suppliers. This cross-reference is used by the incremental sync of suppliers to determine whether the email address that is being sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system is being added or changed.</p> <p>The key is formatted as follows:</p> <p>vendorID who's who line number email line number</p> <p><b>Note.</b> The who's who line number is always <i>1</i>.</p>
<i>E-SRM</i>	<i>item</i>	<p>The system creates this key cross-reference during the initial load of items. This cross-reference is used by the incremental sync of suppliers to determine whether the item record that is being sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system is being added or changed.</p> <p>The key is formatted as follows:</p> <p>item number</p>
<i>E-SRM</i>	<i>itemcost</i>	<p>The system creates this key cross-reference during the initial load of item cost information. This cross-reference is used by the incremental sync of item cost information to determine whether the item cost information that is being sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system is being added or changed.</p> <p>The key is formatted as follows:</p> <p>item number</p>

Application ID	Object ID	Comments
<i>E-SRM</i>	<i>itemUOM</i>	<p>The system creates this key cross-reference during the initial load of item unit of measure conversions. This cross-reference is used by the incremental sync of item unit of measure conversions to determine whether the item unit of measure conversion that is being sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system is being added or changed.</p> <p>The key is formatted as follows:</p> <p>Item number from unit of measure to unit of measure primary unit of measure</p>
<i>E-SRM</i>	<i>phonelinenumber</i>	<p>The system creates this key cross-reference during the initial load of suppliers. This cross-reference is used by the incremental sync of suppliers to determine whether the phone number that is being sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system is being added or changed.</p> <p>The key is formatted as follows:</p> <p>vendorID who's who line number phone line number</p> <p><b>Note.</b> The who's who line number is always <i>1</i>.</p>
<i>E-SRM</i>	<i>shipto</i>	<p>The system creates this key cross-reference during the initial load of ship to locations. Because ship to information can be loaded from different sources for the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement integration and the PeopleSoft Enterprise Strategic Sourcing to JD Edwards EnterpriseOne Procurement integration, this cross-reference is used by both the initial load and incremental sync of ship to locations to determine whether the phone number that is being sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system is being added or changed.</p> <p>The key is formatted as follows:</p> <p>address book number</p>

For example, you might have business units 30 and M30 set up in the JD Edwards EnterpriseOne system. Business unit M30 is set up as a branch/plant and maps to business unit US001 in the PeopleSoft Enterprise system. Cost center 30 in the JD Edwards EnterpriseOne system maps to department 5000 in the PeopleSoft Enterprise system. In this situation, you would set up key cross-references in this way:

Object ID	Native Code	Canonical Code
<i>businessunit</i>	<i>US001</i>	<i>M30</i>
<i>department</i>	<i>5000</i>	<i>30</i>

## Setting Up Code Cross-References for the eProcurement Integration

You set up code cross-references in the JD Edwards EnterpriseOne WSG Cross-Reference database. To cross reference phone types, use Application ID *E-SRM* and the Object ID *phonetype*. Specify the PeopleSoft Enterprise value as the Native Code and the JD Edwards EnterpriseOne value as the Canonical Code, for example:

Application ID	Object ID	Native Code	Canonical Code
<i>E-SRM</i>	<i>phonetype</i>	<ul style="list-style-type: none"> <li>• <i>BUSN</i></li> <li>• <i>DORM</i></li> <li>• <i>OTR</i></li> <li>• <i>PGR1</i></li> <li>• <i>PGR2</i></li> <li>• <i>TELX</i></li> <li>• <i>FAX</i></li> <li>• <i>HOME</i></li> <li>• <i>MAIN</i></li> <li>• <i>CAMP</i></li> <li>• <i>CELL</i></li> </ul>	Specify codes from UDC 01/PH in the JD Edwards EnterpriseOne system.

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**Note.** A blank phone type in the JD Edwards EnterpriseOne system is invalid when running this integration. JD Edwards EnterpriseOne phone types are listed in UDC 01/PH.

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## CHAPTER 37

# Using the PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement Integration

This chapter discusses:

- The integration of purchase orders.
- Purchase order creation in the PeopleSoft Enterprise system.
- Purchase order changes in the PeopleSoft Enterprise system.
- Purchase order cancellations in the PeopleSoft Enterprise system.
- Purchase order hold releases in the JD Edwards EnterpriseOne system.
- Purchase order dispatching in the PeopleSoft Enterprise system.
- Purchase order dispatching in the JD Edwards EnterpriseOne system.
- Purchase order receipt creation in the PeopleSoft Enterprise system.
- Purchase order receipt creation in the JD Edwards EnterpriseOne system.
- Purchase order closes in the JD Edwards EnterpriseOne system.

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## Understanding the Integration of Purchase Orders

PeopleSoft Enterprise eProcurement handles the procurement process from requisition entry and approvals through generation of purchase orders. Purchase orders are sent to the JD Edwards EnterpriseOne system. You must change and delete purchase orders in the PeopleSoft Enterprise system; the system updates the corresponding purchase order in the JD Edwards EnterpriseOne system accordingly. Purchase orders can be dispatched in either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system. Receiving can be done in either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system.

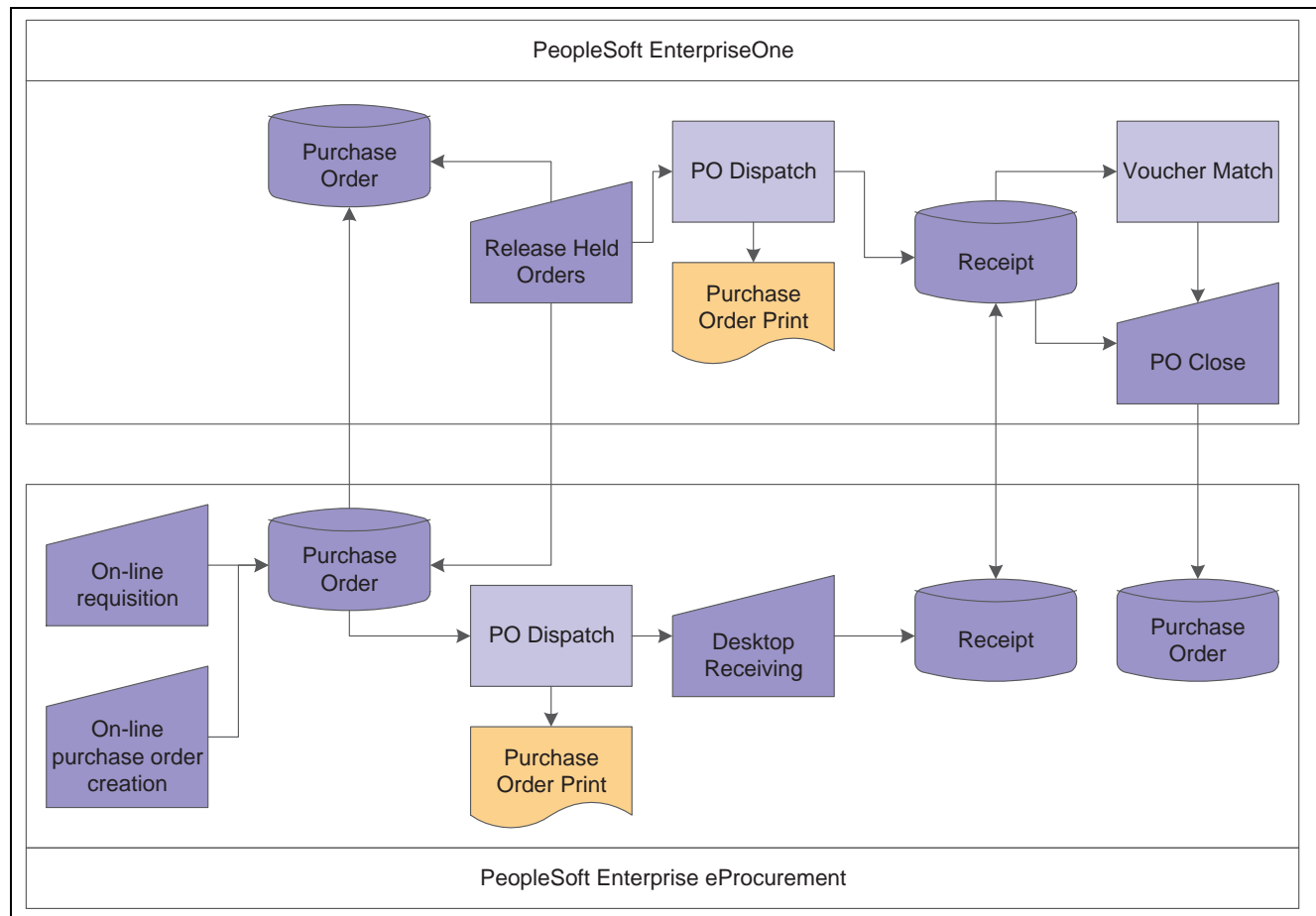
---

**Note.** A purchase order should be received entirely in either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system. Do not partially receive a purchase order in one system and then receive the remaining portion in the other system.

---

Voucher matching takes place in the JD Edwards EnterpriseOne system, which closes the purchase order in both the JD Edwards EnterpriseOne system and the PeopleSoft Enterprise system.

This diagram illustrates the processes supported by the integration:



PeopleSoft Enterprise eProcurement to JD Edwards EnterpriseOne Procurement process

## Understanding Purchase Order Creation in the PeopleSoft Enterprise System

After a requisition is approved in PeopleSoft Enterprise eProcurement, it is available for sourcing to a purchase order.

When integrating PeopleSoft Enterprise eProcurement with the JD Edwards EnterpriseOne system, it is highly recommended that you use the Quick Sourcing capabilities.

This flow occurs when initiating the Quick Sourcing background process:

1. The Autoselect process applies the priority one vendor to each line in the requisition.
2. The PO Calculations process assigns the vendor based on sourcing rules, and applies taxes, price adjustments, and miscellaneous charges.
3. The Create Purchase Order process assigns the purchase order.
4. The user should ensure that all procurement General Ledger business document-tolerance-checking tools are disabled so that the purchase order is created with the document tolerance status of Valid.

---

**Note.** The Hold from Further Processing check box must be selected to avoid being dispatched prior to budget check in the JD Edwards EnterpriseOne system.

We recommend the Quick Source process for batch purchase order creation with Hold From Further Processing Option on in the run control. If you are using the Requisition Expedite process, you must manually enable the hold from further process flag on the purchase order to prevent the purchase order from being dispatched before the purchase order is verified or budget-checked in the JD Edwards EnterpriseOne system.

---

5. The sourcing process creates a purchase order with only one schedule and one distribution per purchase order line.

---

**Note.** Sourcing controls in PeopleSoft Enterprise eProcurement cannot be set to source from Inventory.

---

6. Schedule or manually set up the Integration Broker to send the SAC\_PS\_PO\_EIP message to the JD Edwards EnterpriseOne system to read.

The integration creates a corresponding purchase order in JD Edwards EnterpriseOne Procurement.

---

**Note.** PeopleSoft Enterprise purchase orders must be approved before transmission to the JD Edwards EnterpriseOne system, and PeopleSoft Enterprise purchase orders must be transmitted to the JD Edwards EnterpriseOne system before being dispatched to a supplier.

---

7. The JD Edwards EnterpriseOne system creates the purchase order with the document type specified in the integration options and the document number from the PeopleSoft Enterprise purchase order.

The system assigns the line type based on the nonstock line type or service line type specified in the integration options. Status codes are assigned to the JD Edwards EnterpriseOne purchase order based on the order activity rules that are set up for the document type and line type in the JD Edwards EnterpriseOne system. The due date from the PeopleSoft Enterprise purchase order is used to populate both the request date and promised delivery date on the JD Edwards EnterpriseOne purchase order.

---

**Note.** The default document type is PS. Also, PeopleSoft Enterprise purchase order identifiers are limited to a length of 8 characters and must be unique for the eProcurement installation.

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8. The integration does not populate the Quantity field for any purchase order lines in the JD Edwards EnterpriseOne system that are flagged for amount only in the PeopleSoft Enterprise system.

These lines are considered to be lump sum purchase orders.

9. Purchase orders are processed through a budget check in the JD Edwards EnterpriseOne system, if applicable.

If the purchase order does not pass the budget checking process, the JD Edwards EnterpriseOne system places the order on hold and sends a status update to put the PeopleSoft Enterprise purchase order on hold.

---

**Note.** Disable commitment control in the PeopleSoft Enterprise system.

---

10. Any errors encountered during the creation of the purchase order in the JD Edwards EnterpriseOne system are returned to PeopleSoft Enterprise eProcurement by writing to a cross reference table.

Any errors can be seen in the message sent to the Integration Broker. If the creation is successful, the JD Edwards EnterpriseOne system returns a confirmation to the PeopleSoft Enterprise system and updates the status of the purchase order.

## Considerations for Placing Purchase Orders on Hold

This integration supports either of these processes for placing purchase orders on hold:

- The JD Edwards EnterpriseOne system can place the purchase order on hold because of a failed budget check and pass that hold to the PeopleSoft Enterprise purchase order.
- You can place the order on hold in the PeopleSoft Enterprise system before sending a purchase order add or change to the JD Edwards EnterpriseOne system.

In both of these cases, release the hold in the JD Edwards EnterpriseOne system, which also releases the hold on the PeopleSoft Enterprise purchase order.

If you manually place a purchase order on hold in either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system using a process other than those explained in the Creating Purchase Orders in PeopleSoft Enterprise section, you will have inconsistent results.

Because no message is sent from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system when a user puts a purchase order on hold in the PeopleSoft Enterprise system, this situation can occur:

1. A purchase order that is not on hold is created in the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.
2. A user places the purchase order on hold in the PeopleSoft Enterprise system.
3. The purchase order is not placed on hold in the JD Edwards EnterpriseOne system.
4. A user dispatches the purchase order in the JD Edwards EnterpriseOne system, which sends a status update to the PeopleSoft Enterprise system.
5. The purchase order in the PeopleSoft Enterprise system now has a dispatched status, but is on hold.

Because no message is sent from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system when a user puts a purchase order on hold in the JD Edwards EnterpriseOne system, this situation can occur:

1. A purchase order that is not on hold is created in the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.
2. A user places the purchase order on hold in the JD Edwards EnterpriseOne system.
3. The purchase order is not placed on hold in the PeopleSoft Enterprise system.
4. A user dispatches the purchase order in the PeopleSoft Enterprise system, which sends a status update to the JD Edwards EnterpriseOne system.
5. The purchase order has a dispatched status in both systems, but the hold statuses are out of sync between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.

### See Also

PeopleSoft Enterprise eProcurement 8.9 Implementation Guide, "Using the Buyer Center"

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## Understanding Purchase Order Changes in the PeopleSoft Enterprise System

You may need to change a purchase order because of changes in price, quantity, dates, and so on. These changes must originate in the PeopleSoft Enterprise system. The changes that you make in the PeopleSoft Enterprise system are sent to the JD Edwards EnterpriseOne system to update the corresponding purchase order.

---

**Note.** The processing options for the Enter Purchase Orders program (P4310) should be set to not allow any changes to the purchase order after its initial creation.

---

Changes in PeopleSoft Enterprise eProcurement can be made once the purchase order has been dispatched. Changes made prior to dispatch are considered updates.

---

**Note.** Deletions are not allowed after the purchase order has been transmitted to the JD Edwards EnterpriseOne system. This restriction includes the line, schedule, and distribution.

---

Once a change request is approved, the system creates a change order. A change order is a duplicate of the original purchase order sent to the vendor, but with the changes that you are requesting.

To process the changes, change orders must be run through the Purchase Order Changes process.

The PO Change Order process holds the order from further processing on the PeopleSoft Enterprise side, and sends the Purchase Order EIP message to the JD Edwards EnterpriseOne system for budget-checking.

---

**Note.** If any changes are made to the purchase order, the system selects the Hold from Further Processing check box and disables the Hold status. The entire order, not just the net changes, is sent to the JD Edwards EnterpriseOne system again.

---

Any errors encountered while updating the purchase order in the JD Edwards EnterpriseOne system are returned to PeopleSoft Enterprise eProcurement. If the update is successful, the JD Edwards EnterpriseOne system returns a confirmation to the PeopleSoft Enterprise system.

---

**Note.** After you have performed receiving against the purchase order, you cannot change it.

---

## Changes to Purchase Orders in the JD Edwards EnterpriseOne System

To prevent purchase orders that originated in the PeopleSoft Enterprise system from being changed in the JD Edwards EnterpriseOne system, specify the next status that is assigned to purchase orders when they are added from the PeopleSoft Enterprise system in the Detail Line Protection processing option of the Enter Purchase Orders program (P4310). For example, if purchase orders from the PeopleSoft Enterprise system are created in the JD Edwards EnterpriseOne system with a next status of 230 and a last status of 220, specify 230 in this processing option. Setting the processing option this way protects the purchase order from changes in the JD Edwards EnterpriseOne system through order status 230, and the user cannot make changes to this purchase order in the Enter Purchase Orders program.

## Due Dates

When a purchase order that originates in the PeopleSoft Enterprise system is created in the JD Edwards EnterpriseOne system, the integration populates the Request Date field in the JD Edwards EnterpriseOne system with the due date from the JD Edwards EnterpriseOne system and the JD Edwards EnterpriseOne system populates the Promised Delivery Date field with the same date. However, if you change the due date in the PeopleSoft Enterprise system, the system updates the request date in the JD Edwards EnterpriseOne system, but not the promised delivery date.

---

## Understanding Purchase Order Cancellations in the PeopleSoft Enterprise System

You must cancel integrated purchase orders in PeopleSoft Enterprise eProcurement. When you cancel an integrated purchase order in the PeopleSoft Enterprise system, the corresponding JD Edwards EnterpriseOne purchase order is also canceled. If you cancel the PeopleSoft Enterprise purchase order at the header level, the JD Edwards EnterpriseOne system cancels all of the lines on the purchase order. You can also cancel single or multiple lines on a purchase order.

By canceling the purchase order in PeopleSoft Enterprise eProcurement, the header status changes to reflect Pending Cancel (PX). This status change is sent to the JD Edwards EnterpriseOne system using the Purchase Order EIP. The status of the JD Edwards EnterpriseOne purchase order is changed to 999.

Once the purchase order is canceled in the JD Edwards EnterpriseOne system, a message is returned to PeopleSoft Enterprise eProcurement to change the status to Canceled (X).

Any errors encountered while canceling the purchase order in the JD Edwards EnterpriseOne system are returned to PeopleSoft Enterprise eProcurement. If the cancellation is successful, the JD Edwards EnterpriseOne system returns a confirmation to the PeopleSoft Enterprise system.

Line cancellations can occur only before you send the purchase order to the JD Edwards EnterpriseOne system or after the purchase order has been dispatched.

You can delete purchase orders only before they are sent to the JD Edwards EnterpriseOne system.

If you need to delete or cancel a line after the order has been sent to the JD Edwards EnterpriseOne system but before the purchase order has been dispatched, create a new purchase order by copying the original purchase order and deleting the unwanted line. Then, cancel the entire original purchase order.

---

## Understanding Purchase Order Hold Releases in the JD Edwards EnterpriseOne System

Purchase orders are placed on hold in both the JD Edwards EnterpriseOne system and the PeopleSoft Enterprise system if they do not pass budget-checking in the JD Edwards EnterpriseOne system. You must release this hold in the JD Edwards EnterpriseOne system. You use the Release Held Orders program (P43070) in the JD Edwards EnterpriseOne system to release the hold.

When you release the hold on an integrated purchase order, the JD Edwards EnterpriseOne system triggers a realtime event to the Integration Server, which in turn sends a status change to the PeopleSoft Enterprise system to release the hold on the PeopleSoft Enterprise purchase order.

### See Also

*JD Edwards EnterpriseOne Procurement Management 8.12 Implementation Guide*, “Working with Purchase Orders,” Releasing Order Holds

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## Understanding Purchase Order Dispatching in the PeopleSoft Enterprise System

If you elect to dispatch purchase orders in PeopleSoft Enterprise eProcurement, the process is called Dynamic Dispatching.

Dynamic Dispatching runs as a background process. The advantage of dynamic dispatching, however, is that it leverages a common set of logic to dispatch purchase orders. This enables you to quickly adjust to meet different online XML marketing standards that might be implemented by a supplier. For example, if the supplier changes from using xCBL to using EDX, the user also can dispatch the purchase order using the POPO005 SQR process for a non-EDX dispatch method.

You can dispatch a PO as an XML document in a PeopleSoft-defined format. If the structure of that format is not compatible with the structure of the XML document required to integrate with a marketplace supplier (xCBL) or other third-party systems, then PeopleSoft Integration Broker can transform the structure. Using different connectors and a framework for transforming an XML message to another XML message, the broker makes it possible to develop a uniform and consistent interface for integration with a marketplace or third-party supplier.

You dispatch a purchase order in the PeopleSoft Enterprise system by sending the purchase order to the supplier. When you dispatch a purchase order in the PeopleSoft Enterprise system, the PeopleSoft Enterprise system sends a status update to the JD Edwards EnterpriseOne system using the status code from the Next Status Code integration option on the E\_PODispatch\_To\_E1\_POStatus flow. The status code that you specify in the integration option must match the dispatch status for the line type and document type that are set up in the Order Activity Rules program (P40204).

---

**Note.** Dispatching should always be done in the same system. Once you decide to use the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system, it is recommended to always use the same system to perform the dispatch process.

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## Understanding Purchase Order Dispatching in the JD Edwards EnterpriseOne System

You dispatch purchase orders in the JD Edwards EnterpriseOne system by printing the purchase orders and sending them to the suppliers. You use the Print Purchase Orders program (R43500) to print purchase orders in the JD Edwards EnterpriseOne system.

When you print a purchase order in the JD Edwards EnterpriseOne system, the JD Edwards EnterpriseOne system triggers a realtime event that generates the notifyPurchaseOrderEventPublishedDocument. The Integration Server receives the PID and sends a status update to the PeopleSoft Enterprise system.

For the integration with the PeopleSoft Enterprise system, you must complete the Next Status Code Override processing option on the Print Purchase Orders program.

### See Also

*JD Edwards EnterpriseOne Procurement Management 8.12 Implementation Guide*, “Working with Purchase Orders,” Printing Orders by Batch

*JD Edwards EnterpriseOne Procurement Management 8.12 Implementation Guide*, “Working with Purchase Orders,” Printing Orders Individually

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## Understanding Purchase Order Receipt Creation in the PeopleSoft Enterprise System

When you enter a receipt for an integrated purchase order in PeopleSoft Enterprise eProcurement, the system sends a realtime outbound receipt message (SAC\_RECPT\_OUT) to the JD Edwards EnterpriseOne system. This message creates a receiver record in the JD Edwards EnterpriseOne system and updates the existing purchase order using the appropriate status codes from the order activity rules.

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**Note.** PeopleSoft Enterprise requisitions are limited to one schedule and one distribution per line. Also, PeopleSoft Enterprise requisition consolidation is not supported.

---

Any errors encountered during the creation of the receipt and update of the purchase order in the JD Edwards EnterpriseOne system are returned to PeopleSoft Enterprise eProcurement. If the creation and update are successful, the JD Edwards EnterpriseOne system returns a confirmation to the PeopleSoft Enterprise system.

---

**Note.** A purchase order should be received entirely in either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system. Do not partially receive a purchase order in one system and then receive the remaining portion in the other system.

---

You can receive the full quantity, receive a partial quantity and leave the rest open, or receive a partial quantity and close the remaining amount. However, if you receive a partial quantity and close the remaining amount by changing the purchase order line to the received quantity or amount, the purchase order line in JD Edwards EnterpriseOne Procurement is not closed. To receive a partial quantity and close the remaining amount, change the purchase order first, and then receive it fully. Also, if you are not sure whether you will close the remaining amount, change the purchase order line quantity or amount before receiving. Then, add a new line to the purchase order in order to receive the remaining partial quantity or amount.

---

**Note.** The integration from JD Edwards EnterpriseOne to PeopleSoft Enterprise is for noninventory items only. It is recommended that users receive goods through the PeopleSoft eProcurement desktop receiving and all eProcurement receivers should be casual receivers so that inventory items can't be received in Enterprise.

You cannot add a new line to the purchase order during receiving. If you need to add a new line to a purchase order, use the PO Change Order process.

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## Understanding Purchase Order Receipt Creation in the JD Edwards EnterpriseOne System

When you enter a receipt for an integrated purchase order in JD Edwards EnterpriseOne Procurement, the JD Edwards EnterpriseOne system triggers a realtime event to the Integration Server, which in turn sends a message to the PeopleSoft Enterprise system to create a corresponding receipt in the PeopleSoft Enterprise system.

You must set up corresponding receipt tolerance in both the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system and you must set the Tolerance Quantity and Amount processing option on the Receive by P.O. program (P4312) to display an error message. If you set this processing option so that tolerance is not checked or so that a warning is issued, and a receipt exceeds the tolerance limits, the receipt will be created in the JD Edwards EnterpriseOne system, but will not be created in the PeopleSoft Enterprise system because the PeopleSoft Enterprise system does not allow creation of receipts that exceed tolerance limits.



---

**Note.** The PeopleSoft Enterprise system has tolerance checking for quantity only, not for amount.

---

The PeopleSoft Enterprise system creates a separate receipt for each purchase order line that you receive in the JD Edwards EnterpriseOne system.

---

**Note.** A purchase order should be received entirely in either the PeopleSoft Enterprise system or the JD Edwards EnterpriseOne system. Do not partially receive a purchase order in one system and then receive the remaining portion in the other system.

---

When you create a receipt in the JD Edwards EnterpriseOne system, the system sends the RTRECOUT realtime event before committing the receipt record to the JD Edwards EnterpriseOne database. If a system failure occurs between the time that the realtime event is sent and the receipt record is committed to the database, the receipt may be created in the PeopleSoft Enterprise system and not in the JD Edwards EnterpriseOne system. If this happens, you should cancel the receipt in the PeopleSoft Enterprise system and then recreate it in the JD Edwards EnterpriseOne system.

You need to assign the component interface of SAC\_PO\_RECV\_CI to a permission list that the user running the application server is associated with. This enables the user to load receipts created in the JD Edwards EnterpriseOne system into PeopleSoft Enterprise eProcurement.

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## Understanding Purchase Order Closes in the JD Edwards EnterpriseOne System

All voucher creation must take place in the JD Edwards EnterpriseOne system. To update detail lines to a closed status in the JD Edwards EnterpriseOne system, use the Voucher Match program (P4314) to match vouchers two or three ways, which will close the line on the order. This moves the status of the line on the order to 999 (Complete - Ready to Purge).

When you create a voucher for a two-way match to a purchase order in the JD Edwards EnterpriseOne system, or when you fully receive a purchase order for a three-way match to a purchase order, the JD Edwards EnterpriseOne system triggers a realtime event to the Integration Server, which in turn sends a status update to the PeopleSoft Enterprise system to close the corresponding PeopleSoft Enterprise purchase order.



## **PART 10**

# **Integrating PeopleSoft Enterprise Learning Management with the JD Edwards EnterpriseOne System**

### **Chapter 38**

**Understanding the PeopleSoft Enterprise Learning Management with JD Edwards EnterpriseOne Integration**

### **Chapter 39**

**Setting Up the PeopleSoft Enterprise Learning Management with JD Edwards EnterpriseOne Integration**

### **Chapter 40**

**Setting Up Prerequisite Data for the Learning Management Integration**

### **Chapter 41**

**Using the PeopleSoft Enterprise Learning Management with JD Edwards EnterpriseOne Integration**



## CHAPTER 38

# Understanding the PeopleSoft Enterprise Learning Management with JD Edwards EnterpriseOne Integration

This chapter provides overview of the:

- Release levels.
- Business process.
- Integration architecture.
- Integration points.
- Assumptions and setup considerations.

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## Release Levels

This document supports the integration between JD Edwards EnterpriseOne 8.12 and PeopleSoft Enterprise 8.8 Learning Management.

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## Business Process

With the PeopleSoft Enterprise Learning Management with JD Edwards EnterpriseOne integration, you can use the leading-edge PeopleSoft Enterprise Learning Management system in conjunction with JD Edwards EnterpriseOne Financials and HCM.

The JD Edwards EnterpriseOne system is used to manage employee and financial data. The PeopleSoft Enterprise system is used to manage training and curriculum data.

The major tasks involved in the integration of PeopleSoft Enterprise Learning Management with the JD Edwards EnterpriseOne system are:

- Setting up integration options and code cross-referencing in the JD Edwards EnterpriseOne WSG soft-coding/cross-reference database.
- Setting up the integration in the PeopleSoft Enterprise database.
- Loading JD Edwards EnterpriseOne master data into PeopleSoft Enterprise tables.
- Synchronizing incremental changes in JD Edwards EnterpriseOne master data with the PeopleSoft Enterprise system.

- Sending PeopleSoft Enterprise objectives to JD Edwards EnterpriseOne competencies.
- Sending journal entries for objectives met or departmental chargebacks from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system.

## Integration Architecture

This section discusses the integration architecture for the:

- Objectives to competencies process.
- Journal entry process.

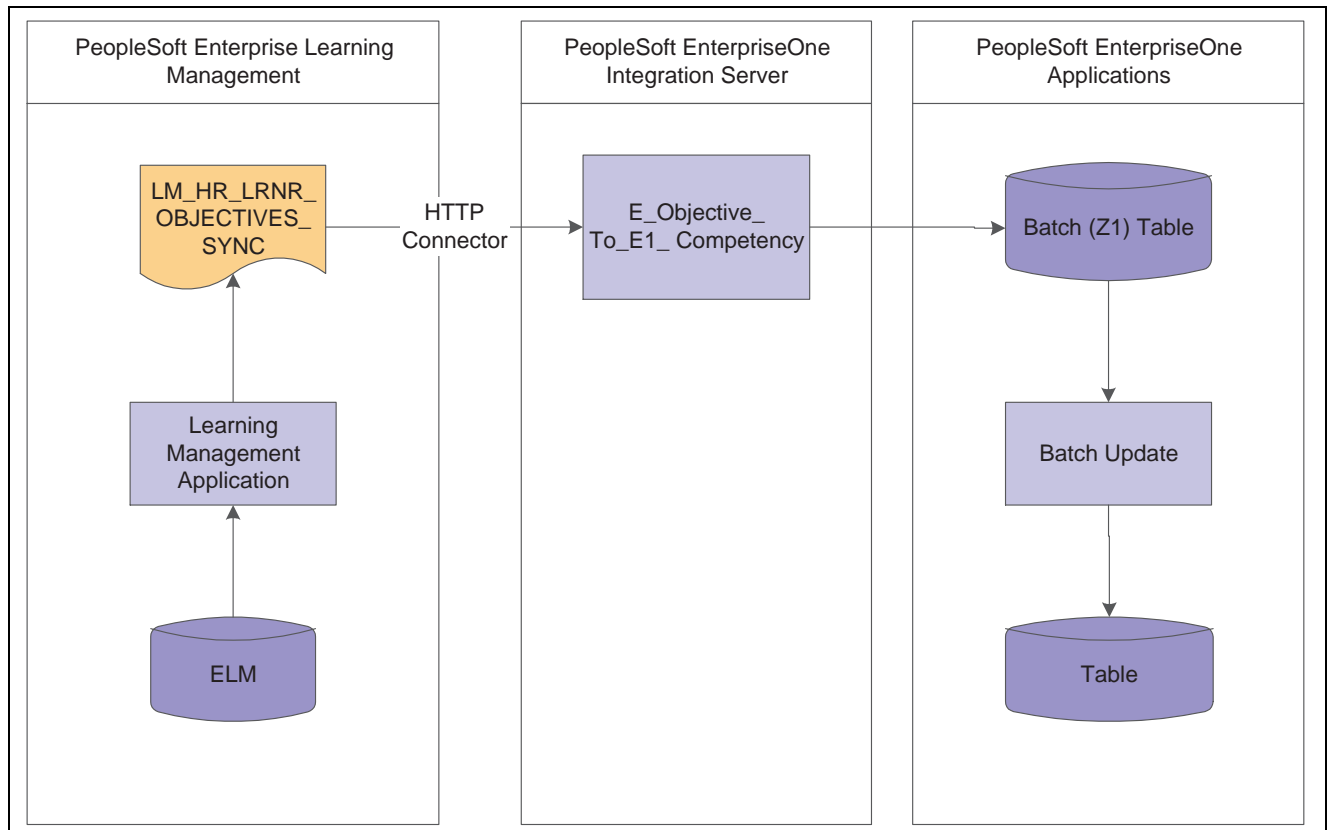
### See Also

[Chapter 2, “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications,” Batch Loads, page 10](#)

[Chapter 2, “Understanding JD Edwards EnterpriseOne Application Integrations with PeopleSoft Enterprise Applications,” Incremental Synchronizations, page 11](#)

## Integration Architecture for the Objectives to Competencies Process

This diagram illustrates the objectives to competencies process:



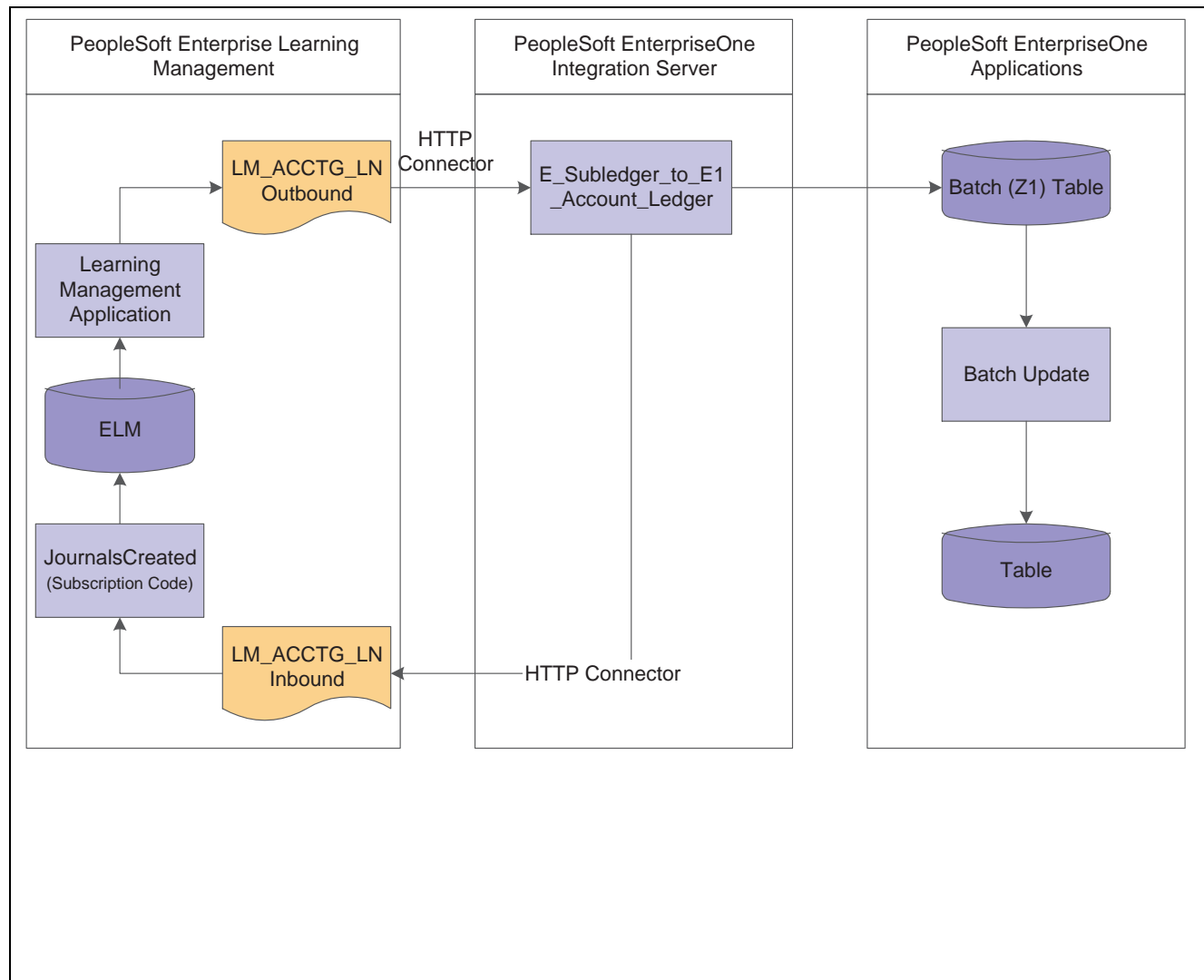
Objectives to Competencies Process

Sending PeopleSoft Enterprise objectives to JD Edwards EnterpriseOne competencies consists of these major steps:

1. A PeopleSoft Enterprise Learning Management user makes a change in objectives data.
2. At the time of the change, the PeopleSoft Enterprise Learning Management system creates the LM\_HR\_LRNR\_OBJECTIVES\_SYNC message.
3. The Integration Server is listening for the EIP message, and triggers the E\_Objective\_To\_E1\_Competency integration flow, which converts the LM\_HR\_LRNR\_OBJECTIVES\_SYNC message and inserts the data in the Resource Competencies Unedited Transactions File table (F05100Z1).
4. A JD Edwards EnterpriseOne user runs the Inbound Resource Competency Transaction program (R05100Z1) to validate the data and update the Resource Competencies table (F05100).
5. A JD Edwards EnterpriseOne user uses the Manage Resource Competencies program (P05100Z) to review any data that was not validated by the Inbound Resource Competency Transaction program.

## Integration Architecture for the Chargeback Process

This diagram illustrates the process of sending journal entries from PeopleSoft Enterprise Learning Management to the JD Edwards EnterpriseOne system:



#### Chargeback process

Sending journal entries from PeopleSoft Enterprise Learning Management to the JD Edwards EnterpriseOne system consists of these major steps:

1. The PeopleSoft Enterprise user publishes the LM\_ACCTG\_LN Outbound XML message with the Learning Management information to create JD Edwards EnterpriseOne journal entries.
2. The Integration Server is listening for the EIP message, and triggers the E\_Subledger\_to\_E1\_Account\_Ledger integration flow, which transforms the message data and inserts the data in the Journal Entry Batch table (F0911Z1).
3. The Integration Server determines whether the insert was successful and posts LM\_ACCTG\_LN Inbound reply message to the PeopleSoft Enterprise system.
4. The PeopleSoft Enterprise system receives the reply message.
5. A JD Edwards EnterpriseOne user runs the Journal Entries Batch Processor program (R09110Z) to validate the data and update the Account Ledger table (F0911).
6. A JD Edwards EnterpriseOne user runs the G/L Post program (R09801) to post the F0911 records to the F0902 table.



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## Integration Points

This chapter lists integration points for:

- Initial batch loads
- Incremental synchronizations
- Transactions

### Integration Points for Initial Batch Loads

This table lists the integration points used by the Learning Management integration for the initial batch loads of data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.

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**Important!** The integration points in this table are listed alphabetically by Integration Flow name. Do not run the initial batch load integrations in this order. The proper order for running the batch load integrations is listed later in this guide.

---

The integration points include:

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
ACCOUNT_ CHARTFIELD_ FULLSYNC	E1_Accounts_To_E_Chartfields: convert_E1_Accounts_To_E_ Chartfields	Account Master Batch Load (R8909F0901)	This integration point retrieves JD Edwards EnterpriseOne account data from a flat file and converts it to PeopleSoft Enterprise Learning Management ChartFields.

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
PERSON_BASIC_FULLSYNC	E1_Address_Book_To_E_Person: convert_E1_Address_Book_To_E_Person	Address Book Master Batch Load (R8901F0101)	<p>This integration point retrieves JD Edwards EnterpriseOne employee data from a flat file and converts it to PeopleSoft Enterprise Learning Management person data.</p> <p>This integration point loads the person data into staging tables in the PeopleSoft Enterprise Learning Management system. To transfer this data from the staging tables to the live person tables, you must run the Load Person/Workforce Tables process.</p>
LM_DEPT_FULLSYNC	E1_Business_Unit_To_E_Department: convert_E1_Business_Unit_To_E_Department	Business Unit Batch Load (R8900F0006)	<p>This integration point retrieves JD Edwards EnterpriseOne business unit data from a flat file and converts it to PeopleSoft Enterprise Learning Management department data.</p> <p>This integration point loads the department data into staging tables in the PeopleSoft Enterprise Learning Management system. To transfer this data from the staging tables to the live department tables, you must run the Load Department Tables process.</p>

<b>PeopleSoft Enterprise Message Name</b>	<b>Integration Service Flow</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
ROLE_COMP_ FULLSYNC	E1_Comp_Job_Desc_To_E_Role_ Comp: convert_E1_Comp_Job_Desc_To_E_ Role_Comp	Batch Load Outbound Job Descriptions (R89F080601)	This integration point retrieves JD Edwards EnterpriseOne role competencies data from a flat file and converts it to PeopleSoft Enterprise Learning Management person data.
BUS_UNIT_HR_ FULLSYNC	E1_Company_To_E_HR_Business_ Unit: convert_E1_Company_To_E_HR_ Business_Unit	Company Manage Notify Initial Load (R0010IL)	This integration point retrieves JD Edwards EnterpriseOne company data from a flat file and converts it to PeopleSoft Enterprise Learning Management HR business unit data.
BUS_UNIT_GL_ FULLSYNC	E1_Company_To_E_GL_Business_ Unit: convert_E1_Company_To_E_GL_ Business_Unit	Company Manage Notify Initial Load (R0010IL)	This integration point retrieves JD Edwards EnterpriseOne company data from a flat file and converts it to PeopleSoft Enterprise Learning Management GL business unit data.
CURR_QUOTE_ MTHD_FULLSYNC	E1_Currency_Rates_To_E_Currency_ Quote_Method: convert_E1_Currency_Rates_To_E_ Currency_Quote_Method	Currency Exchange Batch Upload (R8900F0015)	This integration point retrieves JD Edwards EnterpriseOne currency exchange rates data from a flat file and converts it to PeopleSoft Enterprise Learning Management currency quote method data.
MARKET_RATE_ DEFN_FULLSYNC	E1_Currency_Rates_To_E_Market_ Rate_Definition: convert_E1_Currency_Rates_To_E_ Market_Rate_Definition	Currency Exchange Batch Upload (R8900F0015)	This integration point retrieves JD Edwards EnterpriseOne currency rate data from a flat file and converts it to PeopleSoft Enterprise Learning Management market rate data.

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
MARKET_RATE_FULLSYNC	E1_Currency_Rates_To_E_Market_Rates: convert_E1_Currency_Rates_To_E_Market_Rates	Currency Exchange Batch Upload (R8900F0015)	This integration point retrieves JD Edwards EnterpriseOne currency rate data from a flat file and converts it to PeopleSoft Enterprise Learning Management market rate data.
WORKFORCE_FULLSYNC	E1_Employee_Master_To_E_Workforce: convert_E1_Employee_Master_To_E_Workforce	Employee Master Batch Load (R89F060116)	<p>This integration point retrieves JD Edwards EnterpriseOne employee data from a flat file and converts it to PeopleSoft Enterprise Learning Management workforce data.</p> <p>This integration point loads the workforce data into staging tables in the PeopleSoft Enterprise Learning Management system. To transfer this data from the staging tables to the live workforce tables, you must run the Load Person/Workforce Tables process.</p>
JOURNAL_GEN_APPL_ID_FULLSYNC	E1_Hardcodes_To_E_Journal_Generator: convert_E1_Hardcodes_To_E_Journal_Generator	None	This integration point loads hard-coded data to the PeopleSoft Enterprise Learning Management Journal Generator.
MARKET_RATE_INDEX_FULLSYNC	E1_Hardcodes_To_E_Market_Rate_Index: convert_E1_Hardcodes_To_E_Market_Rate_Index	None	This integration point loads hard-coded data to the PeopleSoft Enterprise Learning Management Market Rate Index.

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
POSITION_FULLSYNC	E1_Job_In_BU_To_E_Position: convert_E1_Job_In_BU_To_E_ Position	Batch Load Outbound Jobs Within Business Units (R890800601)	This integration point retrieves JD Edwards EnterpriseOne job in business unit data from a flat file and converts it to PeopleSoft Enterprise Learning Management position data.
PERSON_ COMPETENCY_ FULLSYNC	E1_Resource_Comp_To_E_Person_ Comp: convert_E1_Resource_Comp_To_E_ Person_Comp	Resource Competencies Batch Load (R89F05100)	<p>This integration point retrieves JD Edwards EnterpriseOne competency data from a flat file and converts it to PeopleSoft Enterprise Learning Management person competency data.</p> <p>This integration point loads the competency data into staging tables in the PeopleSoft Enterprise Learning Management system. To transfer this data from the staging tables to the live person competency tables, you must run the Load Person Competency Tables process.</p>
RATING_MODEL_ FULLSYNC	E1_Scale_To_E_Rating_Models: convert_E1_Scale_To_E_Rating_ Models	Scale Batch Load (R89F05103)	This integration point retrieves JD Edwards EnterpriseOne scale data from a flat file and converts it to PeopleSoft Enterprise Learning Management rating model data.

<b>PeopleSoft Enterprise Message Name</b>	<b>Integration Service Flow</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
COMPETENCY_ FULLSYNC1	E1_To_E_Competency: convert_E1_To_E_Competency	Competencies Batch Load (R89F05104)	<p>This integration point retrieves JD Edwards EnterpriseOne competency data from a flat file and converts it to PeopleSoft Enterprise Learning Management competency data.</p> <p>Before running this integration point, the user should set up objectives in the PeopleSoft Enterprise Learning Management system.</p> <p>See PeopleSoft Enterprise Learning Management 8.81 Implementation Guide, "Setting Up Objectives."</p>
JOBCODE_FULLSYNC	E1_Jobcode_To_E_ELMJobcode: convert_E1_Jobcodes_To_E_ ELMJobcodes	Job Information Batch Load (R89F08001)	<p>This integration point retrieves JD Edwards EnterpriseOne job code data from a flat file and converts it to PeopleSoft Enterprise job code data.</p>

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
MARKET_RATE_TYPE_FULLSYNC	E1_To_E_Market_Rate_Type: convert_E1_To_E_Market_Rate_Type	User Defined Codes (F0005)	This integration point retrieves the values for user-defined code (UDC) 11/RT (Multicurrency Rate Type) from the JD Edwards EnterpriseOne system and converts them to PeopleSoft Enterprise Learning Management market rate types.
LM_USER_PROFILE	E1_User_Preference_to_E_LM_User_Profile: convert_E1_User_Preference_To_E_User_Profile	User Profile Batch Load (R89F0092B)	<p>This integration point retrieves JD Edwards EnterpriseOne user preference data from a flat file and converts it to PeopleSoft Enterprise Learning Management user profile data.</p> <p>Before running this integration, the user should set up PeopleSoft Enterprise Learning Management roles in the JD Edwards EnterpriseOne system.</p>

See [Chapter 40, “Setting Up Prerequisite Data for the Learning Management Integration,” Loading Master Data for the Learning Management Integration, page 414.](#)

## Integration Points for Incremental Synchronizations

This table lists the integration points used by the Learning Management integration for the incremental synchronization of data from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system:

PeopleSoft Enterprise Message Name	Integration	JD Edwards EnterpriseOne Object/Event	Description
ACCOUNT_CHARTFIELD_SYNC	E1_Accounts_To_E_Chartfields: convert_E1_Accounts_To_E_Chartfields	RTAMOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne account data to PeopleSoft Enterprise Learning Management ChartFields.
LM_USER_PROFILE	E1_Address_Book_To_E_LM_User_Profile: convert_E1_Address_Book_To_E_LM_User_Profile	RTABOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne address book and user preference data to PeopleSoft Enterprise Learning Management user profiles.
PERSON_BASIC_SYNC	E1_Address_Book_To_E_Person: convert_E1_Address_Book_To_E_Person_Sync	RTPIOUT and RTABOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne employee personal information and address book data to PeopleSoft Enterprise Learning Management person data.
LM_DEPT_SYNC	E1_Business_Unit_To_E_Department: convert_E1_Business_Unit_To_E_Department	RTBUOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne business unit data to PeopleSoft Enterprise Learning Management department data.



<b>PeopleSoft Enterprise Message Name</b>	<b>Integration</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
ROLE_COMP_SYNC	E1_Comp_Job_Desc_To_E_Role_Comp: convert_E1_Comp_Job_Desc_To_E_Role_Comp	RTJDOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne role competencies data to PeopleSoft Enterprise Learning Management person data.
BUS_UNIT_HR_SYNC	E1_Company_To_E_HR_Business_Unit: convert_E1_Company_To_E_HR_Business_Unit	RTCOOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne company data to PeopleSoft Enterprise Learning Management HR business unit data.
BUS_UNIT_GL_SYNC	E1_Company_To_E_GL_Business_Unit: convert_E1_Company_To_E_GL_Business_Unit	RTCOOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne company data to PeopleSoft Enterprise Learning Management GL business unit data.
CURR_QUOTE_MTHD_SYNC	E1_Currency_Rates_To_E_Currency_Quote_Method: convert_E1_Currency_Rates_To_E_Currency_Quote_Method	RTCROUT	This integration point sends incremental changes in JD Edwards EnterpriseOne currency exchange rates data to PeopleSoft Enterprise Learning Management currency quote method data.

PeopleSoft Enterprise Message Name	Integration	JD Edwards EnterpriseOne Object/Event	Description
MARKET_RATE_DEFN_SYNC	E1_Currency_Rates_To_E_Market_Rate_Definition: convert_E1_Currency_Rates_To_E_Market_Rate_Definition_Sync	RTCROUT	This integration point sends incremental changes in JD Edwards EnterpriseOne currency rate data to PeopleSoft Enterprise Learning Management market rate data.
MARKET_RATE_SYNC	E1_Currency_Rates_To_E_Market_Rates: convert_E1_Currency_Rates_To_E_Market_Rates	RTCROUT	This integration point sends incremental changes in JD Edwards EnterpriseOne currency rate data to PeopleSoft Enterprise Learning Management market rate data.
WORKFORCE_SYNC	E1_Employee_Master_To_E_Workforce: convert_E1_Employee_Master_To_E_Workforce	RTEMOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne employee data to PeopleSoft Enterprise Learning Management workforce data.
POSITION_SYNC	E1_Job_In_BU_To_E_Position: convert_E1_Job_In_BU_To_E_Position	RTJBUOUTB	This integration point sends incremental changes in JD Edwards EnterpriseOne job in business unit data to PeopleSoft Enterprise Learning Management position data.

PeopleSoft Enterprise Message Name	Integration	JD Edwards EnterpriseOne Object/Event	Description
PERSON_COMPETENCY_SYNC	E1_Resource_Comp_To_E_Person_Comp: convert_E1_Resource_Comp_To_E_Person_Comp	RTRCOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne competency data to PeopleSoft Enterprise Learning Management person competency data.
RATING_MODEL_SYNC	E1_Scale_To_E_Rating_Models: convert_E1_Scale_To_E_Rating_Models	RTSLOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne scale data to PeopleSoft Enterprise Learning Management rating model data.
COMPETENCY_SYNC1	E1_To_E_Competency: convert_E1_To_E_Competency	RTCPOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne competency data to PeopleSoft Enterprise Learning Management competency data.
JOBCODE_SYNC	E1_To_E_Jobcode: convert_E1_To_E_Jobcode	RTJBOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne job code data to PeopleSoft Enterprise job code data.
LM_USER_PROFILE	E1_User_Preference_To_E_LM_User_Profile: convert_E1_User_Preference_To_E_LM_User_Profile	RTUPOUT	This integration point sends incremental changes in JD Edwards EnterpriseOne user preference data to PeopleSoft Enterprise Learning Management user profile data.

## Integration Points for Transactions

This table lists the integration points used by the Learning Management integration for the transfer of transactional data between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system:

<b>PeopleSoft Enterprise Message Name</b>	<b>Integration Service Flow</b>	<b>JD Edwards EnterpriseOne Object/Event</b>	<b>Description</b>
LM_HR_LRNR_ OBJECTIVES_SYNC	E_Objective_To_E1_Competency: insert_E_Objective_To_E1_ Competency	Resource Competencies Unedited Transactions File (F05100Z1)	<p>This integration sends PeopleSoft Enterprise Learning Management objectives data to JD Edwards EnterpriseOne competency data.</p> <p>This integration loads the competency data into a staging table in the JD Edwards EnterpriseOne system. To transfer this data from the staging table to the live competencies table, you must run the Inbound Resource Competency Transaction program (R05100Z1).</p>

PeopleSoft Enterprise Message Name	Integration Service Flow	JD Edwards EnterpriseOne Object/Event	Description
LM_ACCTG_LN	E_Subledger_to_E1_Account_Ledger: insert_E_Subledger_to_E1_Account_Ledger	Journal Entry Transactions – Batch File (F0911Z1)	<p>This integration sends General Ledger journal entries for PeopleSoft Enterprise Learning Management transactions to the JD Edwards EnterpriseOne system.</p> <p>This integration loads the journal entries data into a staging table in the JD Edwards EnterpriseOne system. To transfer this data from the staging table to the live account table, you must run the Journal Entries Batch Processor program (R09110Z).</p>
LM_ACCTG_LN	E_Subledger_to_E1_Account_Ledger: insert_E_Subledger_to_E1_Account_Ledger	None	This integration sends a response message from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise Learning Management to indicate whether the insert into the account staging table was successful.

## Assumptions and Setup Considerations

The PeopleSoft Enterprise Learning Management to JD Edwards EnterpriseOne integration functions based on these assumptions:

- PeopleSoft Enterprise Learning Management departments are equivalent to JD Edwards EnterpriseOne business units.
- The positions that are sent to PeopleSoft Enterprise Learning Management are the jobs within business units that are set up in JD Edwards EnterpriseOne Job Competencies, not positions from JD Edwards EnterpriseOne Position Control.
- On the JD Edwards EnterpriseOne web server, you must set the directive “triggerAutoFetch” in the jdbj.ini file to be activated (uncommented) and set equal to true in order for the delete action in the Competency Information program (P05104) to generate a realtime event.
- In order for realtime events to create XML tags for fields with a value of 0, you must set the XMLElementSkipNullOrZero line to 0 in the INTEROPERABILITY section of the jde.ini file on the JD Edwards EnterpriseOne server, for example:

## [INTEROPERABILITY]

XMLElementSkipNullOrZero=0

- If you change organizational structures in the JD Edwards EnterpriseOne system after the initial load of data to PeopleSoft Enterprise Learning Management has been completed, you must rerun the JD Edwards EnterpriseOne Job in Business Unit to PeopleSoft Enterprise Positions, JD Edwards EnterpriseOne Employee Master to PeopleSoft Enterprise Workforce, and JD Edwards EnterpriseOne to PeopleSoft Enterprise Competency initial loads.

See *JD Edwards EnterpriseOne Human Resources 8.12 Implementation Guide*, “Defining Organizational Structures for Job Competencies”.

## CHAPTER 39

# Setting Up the PeopleSoft Enterprise Learning Management with JD Edwards EnterpriseOne Integration

This chapter discusses how to:

- Set up the Learning Management integration in the PeopleSoft Enterprise database.
- Set up the Learning Management integration in the Integration Server.

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## Setting Up the Learning Management Integration in the PeopleSoft Enterprise Database

This section lists prerequisites and discusses how to:

- Activate message channels for the Learning Management integration.
- Activate messages for the Learning Management integration.
- Set up integration transactions for the Learning Management integration.
- Add channels to permissions for the Learning Management integration.
- Activate message subscriptions for the Learning Management integration.
- Set up message transformations for the Learning Management integration.

### Prerequisites

Before you complete the tasks discussed here to set up the integration environment in the PeopleSoft Enterprise Learning Management database:

- Set up the local gateway in the PeopleSoft Enterprise Learning Management database.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Local Gateway, page 17.](#)

- Activate the PSFT\_E1 message node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Nodes, page 18.](#)

- Identify the properties and provide a designated URL for the PSFT\_E1 node and the PSFT\_LM node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Node Definitions, page 18.](#)

## Pages Used to Set Up Message Transformations

Access these pages in the PeopleSoft Enterprise HRMS database.

Page Name	Object Name	Navigation	Usage
Relationships	IB_ RELATIONSHIP	PeopleTools, Integration Broker, Relationships	Define relationships in order to transform messages that are coming into PeopleSoft Enterprise from JD Edwards EnterpriseOne or that are going from PeopleSoft Enterprise into JD Edwards EnterpriseOne.
Relationship Transactions	IB_ RELATIONSHIP	Select the Transaction Modifiers tab on the Relationships page, and then click Add Transaction Modifier.	Specify the request messages and versions, as well as other information, that is used in the transformation of messages.
Transaction Modifiers	IB_ RELATIONSHIP	Click Add on the Relationship Transactions page.	Specify a transformation request that performs the transformation.

## Activating Message Channels for the Learning Management Integration

Verify that these message channels have a message channel status of *Run*:

- ENTERPRISE\_SETUP
- GL\_SETUP
- HR\_SETUP
- HR\_LEARNER\_OBJECTIVES
- JOURNAL\_GENERATOR
- LM\_ACCTG\_ENTRY
- MARKET\_RATES
- PERSON\_DATA
- PERSON\_SETUP
- RATING\_MODEL
- USER\_PROFILE

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Channels, page 17.](#)

## Activating Messages for the Learning Management Integration

Verify that these messages are active:

- ACCOUNT\_CHARTFIELD\_FULLSYNC
- ACCOUNT\_CHARTFIELD\_SYNC
- BUS\_UNIT\_GL\_FULLSYNC



- BUS\_UNIT\_GL\_SYNC
- BUS\_UNIT\_HR\_FULLSYNC
- BUS\_UNIT\_HR\_SYNC
- COMPETENCY\_FULLSYNC1
- COMPETENCY\_SYNC1
- CURR\_QUOTE\_MTHD\_FULLSYNC
- CURR\_QUOTE\_MTHD\_SYNC
- JOBCODE\_FULLSYNC
- JOBCODE\_SYNC
- JOURNAL\_GEN\_APPL\_ID\_FULLSYNC
- LM\_ACCTG\_LN
- LM\_DEPT\_FULLSYNC
- LM\_DEPT\_SYNC
- LM\_USER\_PROFILE
- MARKET\_RATE\_DEFN\_FULLSYNC
- MARKET\_RATE\_DEFN\_SYNC
- MARKET\_RATE\_FULLSYNC
- MARKET\_RATE\_INDEX\_FULLSYNC
- MARKET\_RATE\_SYNC
- MARKET\_RATE\_TYPE\_FULLSYNC
- PERSON\_BASIC\_FULLSYNC
- PERSON\_BASIC\_SYNC
- PERSON\_COMPETENCY\_FULLSYNC
- PERSON\_COMPETENCY\_SYNC
- POSITION\_FULLSYNC
- POSITION\_SYNC
- RATING\_MODEL\_FULLSYNC
- RATING\_MODEL\_SYNC
- ROLE\_COMP\_FULLSYNC
- ROLE\_COMP\_SYNC
- USER\_PROFILE
- WORKFORCE\_FULLSYNC
- WORKFORCE\_SYNC

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Messages, page 17.](#)

## Setting Up Integration Transactions for the Learning Management Integration

You must activate the PSFT\_E1 node and these associated transactions:

Transaction Name	Version	Transaction Type	Routing Type
ACCOUNT_CHARTFIELD_FULLSYNC	VERSION_1	InAsync	NA
ACCOUNT_CHARTFIELD_SYNC	VERSION_1	InAsync	NA
BUS_UNIT_GL_FULLSYNC	VERSION_1	InAsync	NA
BUS_UNIT_GL_SYNC	VERSION_1	InAsync	NA
BUS_UNIT_HR_FULLSYNC	VERSION_1	InAsync	NA
BUS_UNIT_HR_SYNC	VERSION_1	InAsync	NA
COMPETENCY_FULLSYNC1	VERSION_1	InAsync	NA
COMPETENCY_SYNC1	VERSION_1	InAsync	NA
CURRENCY_FULLSYNC	VERSION_1	InAsync	NA
CURRENCY_SYNC	VERSION_1	InAsync	NA
CURR_QUOTE_MTHD_FULLSYNC	VERSION_1	InAsync	NA
CURR_QUOTE_MTHD_SYNC	VERSION_1	InAsync	NA
JOBCODE_FULLSYNC	VERSION_1	InAsync	NA
JOBCODE_SYNC	VERSION_1	InAsync	NA
JOURNAL_GENERATOR_APPL_ID_SYNC	VERSION_1	InAsync	NA
JOURNAL_GEN_APPL_ID_FULLSYNC	VERSION_1	InAsync	NA
LM_ACCTG_LN	VERSION_1	InAsync	NA
LM_DEPT_FULLSYNC	VERSION_1	InAsync	NA
LM_DEPT_SYNC	VERSION_1	InAsync	NA
LM_USER_PROFILE	VERSION_84	InAsync	NA
MARKET_RATE_DEFN_FULLSYNC	VERSION_1	InAsync	NA
MARKET_RATE_DEFN_SYNC	VERSION_1	InAsync	NA
MARKET_RATE_FULLSYNC	VERSION_1	InAsync	NA
MARKET_RATE_INDEX_FULLSYNC	VERSION_1	InAsync	NA

Transaction Name	Version	Transaction Type	Routing Type
MARKET_RATE_INDEX_SYNC	VERSION_1	InAsync	NA
MARKET_RATE_SYNC	VERSION_1	InAsync	NA
MARKET_RATE_TYPE_FULLSYNC	VERSION_1	InAsync	NA
MARKET_RATE_TYPE_SYNC	VERSION_1	InAsync	NA
PERSON_BASIC_FULLSYNC	VERSION_2	InAsync	NA
PERSON_BASIC_SYNC	VERSION_2	InAsync	NA
PERSON_COMPETENCY_FULLSYNC	VERSION_1	InAsync	NA
PERSON_COMPETENCY_SYNC	VERSION_2	InAsync	NA
POSITION_FULLSYNC	VERSION_1	InAsync	NA
POSITION_SYNC	VERSION_1	InAsync	NA
RATING_MODEL_FULLSYNC	VERSION_1	InAsync	NA
RATING_MODEL_SYNC	VERSION_1	InAsync	NA
ROLE_COMP_FULLSYNC	VERSION_1	InAsync	NA
ROLE_COMP_SYNC	VERSION_1	InAsync	NA
USER_PROFILE	VERSION_84	InAsync	NA
WORKFORCE_FULLSYNC	VERSION_1	InAsync	NA
WORKFORCE_SYNC	VERSION_1	InAsync	NA
LM_ACCTG_LN	VERSION_1	OutAsync	Implicit
LM_HR_LRN_OBJECTIVES_SYNC	VERSION_1	OutAsync	Implicit

You must activate the PSFT\_LM node and this associated transaction:

Transaction Name	Version	Transaction Type	Routing Type
USER_PROFILE	VERSION_84	OutAsync	Implicit

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Integration Transactions, page 19.](#)

## Adding Channels to Permissions for the Learning Management Integration

To integrate PeopleSoft Enterprise Learning Management with the JD Edwards EnterpriseOne system, you must add these channels to the ALLPAGES permission list:

- MARKET\_RATES
- USER\_PROFILE

Set the access for these channels to *Full*.

After you add these channels to the ALLPAGES permission list, access the Channel Status page to verify that the status of the channels is *Running*.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Adding Channels to Permissions, page 19.](#)

## Activating Message Subscriptions for the Learning Management Integration

Verify that these message subscriptions are active:

Message Name	Subscription Name
ACCOUNT_CHARTFIELD_FULLSYNC	LmAccount
ACCOUNT_CHARTFIELD_SYNC	LmAccount
BUS_UNIT_GL_FULLSYNC	LmBusUnitGLFullSync
BUS_UNIT_GL_SYNC	LmBusUnitGL
BUS_UNIT_HR_FULLSYNC	LmBusUnitHR
BUS_UNIT_HR_SYNC	LmBusUnitHR
COMPETENCY_FULLSYNC1	HRCompetencyTable
COMPETENCY_SYNC1	HRCompetencyTable
CURR_QUOTE_MTHD_FULLSYNC	CurrQuoteMthdFullSync
CURR_QUOTE_MTHD_SYNC	CurrQuoteMthdSync
JOBCODE_FULLSYNC	LmJobCodeSync
JOBCODE_SYNC	LmJobCodeSync
JOURNAL_GEN_APPL_ID_FULLSYNC	JournalGenApplIDFullSync
LM_ACCTG_LN	JournalsCreated
LM_DEPT_FULLSYNC	LM_DepartmentSync

Message Name	Subscription Name
LM_DEPT_SYNC	LM_DepartmentSync
LM_USER_PROFILE	LmPersonOprid
MARKET_RATE_DEFN_FULLSYNC	MarketRateDefnFullSync
MARKET_RATE_DEFN_SYNC	MarketRateDefnSync
MARKET_RATE_FULLSYNC	MarketRateFullSync
MARKET_RATE_INDEX_FULLSYNC	MarketRateIndexFullSync
MARKET_RATE_SYNC	MarketRateSync
MARKET_RATE_TYPE_FULLSYNC	MarketRateTypeFullSync
PERSON_BASIC_FULLSYNC	LmPersonSubscription
PERSON_BASIC_SYNC	LmPersonSubscription
PERSON_COMPETENCY_FULLSYNC	HRPersonCompetencies
PERSON_COMPETENCY_SYNC	HRPersonCompetencies
POSITION_FULLSYNC	LmPositionSync
POSITION_SYNC	LmPositionSync
RATING_MODEL_FULLSYNC	HRRatingModels
RATING_MODEL_SYNC	HRRatingModels
ROLE_COMP_FULLSYNC	HRRoleCompetencies
ROLE_COMP_SYNC	HRRoleCompetencies
USER_PROFILE	Update User Profile 8.1x
WORKFORCE_FULLSYNC	LmWorkForce
WORKFORCE_SYNC	LmWorkForce

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Subscriptions, page 19.](#)

## Setting Up Message Transformations for the Learning Management Integration

Access the Relationships page.

To define a relationship:

1. Enter a name to identify the relationship in the Relationship ID field.  
For example, you might enter LM\_E1\_IA to identify the relationships that have an inbound message transformation, and LM\_E1\_OA to identify the relationships that have an outbound message transformation.
2. Enter a description of the relationship in the Description field.  
For example, you might enter “E1 to ELM Relationship for Inbound Asynchronous Transformations” and “ELM to E1 Relationship for Outbound Asynchronous Transformations.”
3. Select *Active* in the Relationship Status field.
4. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_E1*) in both the first and second Node Name fields.
5. Click Save.
6. Select the Transaction Modifiers tab on the Relationships page, and then click Add Transaction Modifier to access the Relationship Transactions page.
7. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_E1*) in the Initial Node field.
8. Specify the name of the message that you are transforming in the Request Message Name field below the Initial Node field.
9. Specify the version of the message that you are transforming in the Source Request Message Version field.
10. Specify either *OA* (OutAsync) or *IA* (InAsync) in the Transaction Type field.
11. Specify the JD Edwards EnterpriseOne node (for example, *PSFT\_E1*) in the Result Node field.
12. Specify the same message name in the Request Message Name field below the Result Node field that you specified in the Request Message Name field below the Initial Node field.
13. Specify the same version in the Target Request Message Version field that you specified in the Source Request Message Version field.
14. Click Add.
15. On the Transaction Modifiers page, specify *OA* or *IA* in the Transaction Type field.  
Specify the same value that you specified in the Transaction Type field on the Relationship Transactions page.
16. Specify the transformation request name in the Request field and then click Save.

This table lists the transformations that you must set up for the Learning Management integration:

Transaction Name	Version	Transaction Type	Transformation Request
ACCOUNT_CHARTFIELD_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
ACCOUNT_CHARTFIELD_SYNC	VERSION_1	IA	LM_TRANSF_IA
BUS_UNIT_GL_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
BUS_UNIT_GL_SYNC	VERSION_1	IA	LM_TRANSF_IA
BUS_UNIT_HR_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
BUS_UNIT_HR_SYNC	VERSION_1	IA	LM_TRANSF_IA

Transaction Name	Version	Transaction Type	Transformation Request
COMPETENCY_FULLSYNC1	VERSION_1	IA	LM_TRANSF_IA
COMPETENCY_SYNC1	VERSION_1	IA	LM_TRANSF_IA
COUNTRY_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
COUNTRY_SYNC	VERSION_1	IA	LM_TRANSF_IA
CURRENCY_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
CURRENCY_SYNC	VERSION_1	IA	LM_TRANSF_IA
CURR_QUOTE_MTHD_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
CURR_QUOTE_MTHD_SYNC	VERSION_1	IA	LM_TRANSF_IA
JOBCODE_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
JOBCODE_SYNC	VERSION_1	IA	LM_TRANSF_IA
JOURNAL_GENERATOR_APPL_ID_SYNC	VERSION_1	IA	LM_TRANSF_IA
JOURNAL_GEN_APPL_ID_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
LM_ACCTG_LN	VERSION_1	IA	LM_TRANSF_IA
LM_DEPT_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
LM_DEPT_SYNC	VERSION_1	IA	LM_TRANSF_IA
LM_USER_PROFILE	VERSION_84	IA	LM_TRANSF_IA
MARKET_RATE_DEFN_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
MARKET_RATE_DEFN_SYNC	VERSION_1	IA	LM_TRANSF_IA
MARKET_RATE_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
MARKET_RATE_INDEX_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
MARKET_RATE_INDEX_SYNC	VERSION_1	IA	LM_TRANSF_IA
MARKET_RATE_LOAD	VERSION_1	IA	LM_TRANSF_IA
MARKET_RATE_SYNC	VERSION_1	IA	LM_TRANSF_IA
MARKET_RATE_TYPE_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
MARKET_RATE_TYPE_SYNC	VERSION_1	IA	LM_TRANSF_IA
PERSON_BASIC_FULLSYNC	VERSION_2	IA	LM_TRANSF_IA

Transaction Name	Version	Transaction Type	Transformation Request
PERSON_BASIC_SYNC	VERSION_2	IA	LM_TRANSF_IA
PERSON_COMPETENCY_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
PERSON_COMPETENCY_SYNC	VERSION_2	IA	LM_TRANSF_IA
POSITION_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
POSITION_SYNC	VERSION_1	IA	LM_TRANSF_IA
RATING_MODEL_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
RATING_MODEL_SYNC	VERSION_1	IA	LM_TRANSF_IA
ROLE_COMP_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
ROLE_COMP_SYNC	VERSION_1	IA	LM_TRANSF_IA
STATE_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
STATE_SYNC	VERSION_1	IA	LM_TRANSF_IA
USER_PROFILE	VERSION_84	IA	LM_TRANSF_IA
WORKFORCE_FULLSYNC	VERSION_1	IA	LM_TRANSF_IA
WORKFORCE_SYNC	VERSION_1	IA	LM_TRANSF_IA
LM_ACCTG_LN	VERSION_1	OA	LM_TRANSF_OA
LM_HR_LRN_R_OBJECTIVES_SYNC	VERSION_1	OA	LM_TRANSF_OA

## Setting Up the Learning Management Integration in the Integration Server

This section lists a prerequisite and discusses how to:

- Enable JD Edwards EnterpriseOne Adapter Listener Notifications for the Learning Management integration.
- Set up integration options for the Learning Management integration.

### Prerequisite

Enable the JD Edwards EnterpriseOne Adapter and the JD Edwards EnterpriseOne Adapter Listener.

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter, page 23](#).



See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter Listener, page 23.](#)

## Enabling JD Edwards EnterpriseOne Adapter Listener Notifications for the Learning Management Integration

Enable the Listener and these Listener Notifications within the PSFT\_JD Edwards EnterpriseOne\_AdapterServices package:

- AdapterServices.Notification.AddressBook:notifyAddressBook
- AdapterServices.Notification.Financials:notifyBusinessUnitEvent
- AdapterServices.Notification.Financials:notifyCompanyEvent
- AdapterServices.Notification.Financials:notifyGLAccountEvent
- AdapterServices.Notification.Financials:notifyPersonInformationEvent
- AdapterServices.Notification.LearningManagement:notifyResourceCompetencyEvent
- AdapterServices.Notification.LearningManagement:notifyEmployeeMasterEvent
- AdapterServices.Notification.LearningManagement:notifyCurrencyRateEvent
- AdapterServices.Notification.LearningManagement:notifyRoleCompetencyEvent
- AdapterServices.Notification.LearningManagement:notifyCompetencyEvent
- AdapterServices.Notification.LearningManagement:notifyScaleEvent
- AdapterServices.Notification.LearningManagement:notifyUserPreference
- AdapterServices.Notification.LearningManagement:notifyJobInBusinessUnitEvent
- AdapterServices.Notification.LearningManagement:notifyJobcode

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling JD Edwards EnterpriseOne Adapter Listener Notifications, page 23.](#)

## Setting Up Integration Options for the Learning Management Integration

This section lists integration options used by all integration flows as well as the integration options for these integration points:

- Address Book to Person
- Currency Rates to Market Rates
- Hardcodes to Journal Generator
- Jobcodes
- User Profile
- Objective to Competency
- Subledger to Account Ledger

## Integration Options Used by All Flows

All flows used in the PeopleSoft Enterprise Learning Management to JD Edwards EnterpriseOne integration require these integration options:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ ELM	Account Delimiter	Specify the account separator character that the system should use to separate the business unit, object, and subsidiary portions of account numbers in the JD Edwards EnterpriseOne system.  The default value is . (period).
PSFT_JD Edwards EnterpriseOne_ ELM	Base Language	Specify the base language of the JD Edwards EnterpriseOne database. This is used by generic, full-table subscription PeopleCode to help determine which tables to update.  The default value is <i>ENG</i> (English).
PSFT_JD Edwards EnterpriseOne_ ELM	Effective Date	Specify the effective date to assign to records that are created in the PeopleSoft Enterprise system.  The default value is <i>1900-01-01</i> .
PSFT_JD Edwards EnterpriseOne_ ELM	Effective Status	Specify the effective status to assign to records that are created in the PeopleSoft Enterprise system.  The default value is <i>A</i> .
PSFT_JD Edwards EnterpriseOne_ ELM	End Effective Date	Specify the end effective date to assign to records that are created in the PeopleSoft Enterprise system.  The default value is <i>9999-12-31</i> .
PSFT_JD Edwards EnterpriseOne_ ELM	Export Directory	Specify the location of the flat files that are generated by JD Edwards EnterpriseOne table conversion programs.  This value is an example: \\machinename\pyexport.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ ELM	From Node	<p>Specify the JD Edwards EnterpriseOne node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>This value is an example: <i>PSFT_E1</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>
PSFT_JD Edwards EnterpriseOne_ ELM	Generic Delimiter	<p>Specify the separator character that the system should use when concatenating two JD Edwards EnterpriseOne values to obtain a single PeopleSoft Enterprise value for example, the JD Edwards EnterpriseOne job code and job step are concatenated to create the PeopleSoft Enterprise job code). This delimiter is not used for account numbers; account numbers use the delimiter specified in the Account Delimiter integration option.</p> <p>The default value is   (pipe character).</p>
PSFT_JD Edwards EnterpriseOne_ ELM	Language	<p>Specify the language in which the messages that are sent to the PeopleSoft Enterprise system are generated, so that PeopleSoft Enterprise Learning Management can take that information into account when processing the message.</p> <p>The default value is <i>ENG</i> (English).</p>
PSFT_JD Edwards EnterpriseOne_ ELM	PSCAMA Class	<p>The PSCAMA class is required by the PeopleSoft Enterprise messaging system.</p> <p>The default value is <i>R</i> and should not be changed.</p>
PSFT_JD Edwards EnterpriseOne_ ELM	Set ID	<p>Specify the default setID for PeopleSoft Enterprise Learning Management.</p> <p>The default value is <i>FMSE1</i>.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ELM	To Node	<p>Specify the PeopleSoft Enterprise node. This value must be the same value that is set up for this node in the PeopleSoft Enterprise Integration Broker.</p> <p>The default value is <i>PSFT_LM</i>.</p> <p>This value is used only when sending a message to the PeopleSoft Enterprise system. For flows that originate in the PeopleSoft Enterprise system, this value is used to send a success or error response back to the PeopleSoft Enterprise system.</p>
PSFT_JD Edwards EnterpriseOne_ELM	Transaction Transport	<p>Specify the protocol of transport that is used to get the message to the PeopleSoft Enterprise Integration Broker (for example, <i>HTTP</i> or <i>JMS</i>).</p> <p>The default value is <i>http</i>.</p>
PSFT_JD Edwards EnterpriseOne_ELM	Transaction Transport Address	<p>Specify the URL of the local gateway in the PeopleSoft Enterprise system.</p> <p>This value is an example:  <i>http://sunrise/PSIGW/HttpListeningConnector</i></p>

### Address Book to Person

The integration options listed in this section are used by one or more of these flows:

- PSFT\_JD Edwards EnterpriseOne\_ELM/Financials/InitialBatchLoads/E1\_Address\_Book\_To\_E\_Person
- PSFT\_JD Edwards EnterpriseOne\_ELM/Human\_Resources/E1\_Address\_Book\_To\_E\_Person

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ELM	Expected Address Type	<p>Specify the default address type for addresses that are sent to the PeopleSoft Enterprise system.</p> <p>The default value is <i>HOME</i>.</p>
PSFT_JD Edwards EnterpriseOne_ELM	Expected Name Type	<p>Specify the default name type for names that are sent to the PeopleSoft Enterprise system.</p> <p>The default value is <i>PRI</i> (primary).</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ ELM	External Person	Specify the value for the External Person flag in PeopleSoft Enterprise Learning Management. This integration processes employee records only.  The default value is <i>N</i> .
PSFT_JD Edwards EnterpriseOne_ ELM	Person Status	Specify the default Person Status for address book records that are transferred from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system. This integration processes employee address book records only.  The default value is <i>E</i> .
PSFT_JD Edwards EnterpriseOne_ ELM	Preferred Communication Method	Specify the default preferred communication method of address book records that are transferred from the JD Edwards EnterpriseOne system to the PeopleSoft Enterprise system.  The default value is <i>EMAL</i> (email).
PSFT_JD Edwards EnterpriseOne_ ELM	Preferred Name Source	Enter <i>A</i> to use the alpha name from the JD Edwards EnterpriseOne system as the employee's name. Enter any other value, including blank, to use the given name and the surname from the Who's Who record in the JD Edwards EnterpriseOne system.  <b>Note.</b> The expected format for the alpha name field is "lastname, firstname." If there is a middle name or initial, it is included as part of the first name.  The default value is <i>A</i> .
PSFT_JD Edwards EnterpriseOne_ ELM	Primary Contact Method	Enter <i>Y</i> or <i>N</i> to indicate whether the address being sent from the PeopleSoft Enterprise system is the primary address.  The default value is <i>Y</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ELM	Purpose Type	Specify the purpose code values to designate the contact method types for address book records that are sent from the JD Edwards EnterpriseOne system.  The default value is <i>HOME</i> .
PSFT_JD Edwards EnterpriseOne_ELM	Source Indicator	Specify the external source code for the JD Edwards EnterpriseOne system. PeopleSoft Enterprise Learning Management supports the HRMS external source as delivered. If you specify <i>HRMS</i> as the external source, you do not need to define an additional external source in PeopleSoft Enterprise Learning Management.  The default value is <i>HRMS</i> .

### Currency Rates to Market Rates

The integration options listed in this section are used by one or more of these flows:

- PSFT\_JD Edwards EnterpriseOne\_ELM/Financials/InitialBatchLoads/E1\_Hardcodes\_To\_E\_Market\_Rate\_Index
- PSFT\_JD Edwards EnterpriseOne\_ELM/Financials/InitialBatchLoads/E1\_Currency\_Rates\_To\_E\_Market\_Rate\_Definition
- PSFT\_JD Edwards EnterpriseOne\_ELM/Financials/InitialBatchLoads/E1\_Currency\_Rates\_To\_E\_Market\_Rates
- PSFT\_JD Edwards EnterpriseOne\_ELM/Financials/E1\_Currency\_Rates\_To\_E\_Market\_Rate\_Definition
- PSFT\_JD Edwards EnterpriseOne\_ELM/Financials/E1\_Currency\_Rates\_To\_E\_Market\_Rates

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ELM	Description	Specify the description of the market rate index for market rates that are sent to the PeopleSoft Enterprise system.  The default value is <i>TEST_INDEX</i> .
PSFT_JD Edwards EnterpriseOne_ELM	Market Rate Index	Specify the market rate index for market rates that are sent to the PeopleSoft Enterprise system.  The default value is <i>TEST_INDEX</i> .

### Hardcodes to Journal Generator

The integration options listed in this section are used by the E1\_Hardcodes\_To\_E\_Journal\_Generator flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ELM	Description	Enter a description of the journal template.  The default value is <i>Journal Description</i> .
PSFT_JD Edwards EnterpriseOne_ELM	Journal Template	Specify the name of the journal template to be used for accounting entries that are integrated with the JD Edwards EnterpriseOne system. The journal template determines how the system formats transaction data in the PeopleSoft Enterprise Learning Management Accounting Entry tables.  The default value is <i>E1_TEMPL</i> .

## Jobcodes

The integration option listed in this section is used by the E1\_Jobcodes\_To\_E\_ELMJobcodes flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ELM	Job Code ID	Specify the job code for competency information that is imported into PeopleSoft Enterprise Learning Management from the JD Edwards EnterpriseOne system.

## User Profile

The integration options listed in this section are used by these flows:

- PSFT\_JD Edwards EnterpriseOne\_ELM/Human\_Resources/InitialBatchLoads/E1\_User\_Preference\_to\_E\_LM\_User\_Profile
- PSFT\_JD Edwards EnterpriseOne\_ELM/Human\_Resources/E1\_Address\_Book\_To\_E\_LM\_User\_Profile
- PSFT\_JD Edwards EnterpriseOne\_ELM/Human\_Resources/E1\_User\_Preference\_to\_E\_LM\_User\_Profile

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ELM	Default Password	Enter the default password for PeopleSoft Enterprise Learning Management. You use the Password Option integration option to specify whether to use this password or the user ID from the JD Edwards EnterpriseOne system as the default password.  The default value is <i>ELM</i> .

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ ELM	Domestic Language (PeopleSoft EnterpriseOne)	Specify the language code to identify the language of your JD Edwards EnterpriseOne implementation.  The default value is <i>ENG</i> .
PSFT_JD Edwards EnterpriseOne_ ELM	Email Type	Specify the default email type for address book records that are sent from the JD Edwards EnterpriseOne system.  The default value is <i>BUS</i> .
PSFT_JD Edwards EnterpriseOne_ ELM	ID Type	Specify the ID type used to populate user profile records in the PeopleSoft Enterprise system. This integration supports internal users (employees) only.  The default value is <i>EMP</i> .
PSFT_JD Edwards EnterpriseOne_ ELM	Password Option	Enter <i>1</i> to use the JD Edwards EnterpriseOne user ID as the default password in PeopleSoft Enterprise Learning Management. Enter <i>2</i> to use the password from the Default Password integration option as the default password in PeopleSoft Enterprise Learning Management.  The default value is <i>1</i> .
PSFT_JD Edwards EnterpriseOne_ ELM	Primary Email	Enter <i>Y</i> or <i>N</i> to specify whether the email addresses sent for employees from the JD Edwards EnterpriseOne system is the primary email address.  The default value is <i>Y</i> .
PSFT_JD Edwards EnterpriseOne_ ELM	Process Profile P L	Specify the permission list for Standard Process Profile in PeopleSoft Enterprise Learning Management.  The default value is <i>LMLELM9050</i> .

## Objective to Competency

The integration option listed in this section is used by the E\_Objective\_To\_E1\_Competency flow.



Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ ELM	EDI User ID	<p>Enter a user-defined identification number. This integration option is required.</p> <p>The user ID, in conjunction with the batch number (which is a system number generated by the JD Edwards EnterpriseOne system), can be used to identify batch competency transactions. The User ID field can contain the user ID of the person or machine who is to receive messages regarding the status of the transaction.</p> <p>This field is blank by default.</p> <p>This value is an example: <i>zz1234567</i>.</p>
PSFT_JD Edwards EnterpriseOne_ ELM	Resource Type	<p>Set this to the JD Edwards EnterpriseOne UDC 05/RT value for a person resource. For example, <i>01</i> (Individual).</p> <p>This value is written to the Resource Type field in the Resource Competencies Unedited Transactions File (F05100Z1) when Enterprise Learning Management objectives data is integrated with JD Edwards EnterpriseOne competencies.</p>

### Subledger to Account Ledger

The integration options listed in this section are used by the E\_Subledger\_to\_E1\_Account\_Ledger flow.

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ Interfaces	E1 Date Pattern	<p>Specify the date pattern that is set up in the JD Edwards EnterpriseOne system.</p> <p>This is a sample value: <i>mm/dd/yyyy</i>.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ ELM	EDI User ID	<p>Enter a user-defined identification number.</p> <p>The user ID, in conjunction with the batch number (which is a system number generated by the JD Edwards EnterpriseOne system), can be used to identify batch journal entry transactions. The User ID field can contain the user ID of the person or machine who is to receive messages regarding the status of the transaction.</p> <p>This field is blank by default.</p> <p>This value is an example: <i>zz1234567</i>.</p>
PSFT_JD Edwards EnterpriseOne_ ELM	DocumentType	<p>Specify the type of the financial transactions that are sent from PeopleSoft Enterprise Learning Management to the JD Edwards EnterpriseOne system. The value must exist in user-defined code (UDC) 00/DT in the JD Edwards EnterpriseOne system.</p> <p>The default value is <i>JE</i>.</p>

### See Also

Chapter 4, “Setting Up Integrations in the Integration Server,” Setting Up Integration Options and Cross References, page 24

## CHAPTER 40

# Setting Up Prerequisite Data for the Learning Management Integration

This chapter discusses how to:

- Set up manual data in the JD Edwards EnterpriseOne system for the Learning Management integration.
- Set up manual data in the PeopleSoft Enterprise system for the Learning Management integration.
- Set up corresponding data in both systems.
- Set up cross-references for the Learning Management integration.
- Load master data for the Learning Management integration.

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## Setting Up Manual Data in the JD Edwards EnterpriseOne System for the Learning Management Integration

This section discusses how to:

- Set up the date format.
- Set up external system roles in the JD Edwards EnterpriseOne system.

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**Note.** You must set up this manual data before you run the Learning Management integration.

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## Forms Used to Set Up Manual Data in the JD Edwards EnterpriseOne System for the Learning Management Integration

Form Name	FormID	Navigation	Usage
User Profile Revisions	W0092A	My System Options, User Profile Revisions	Change user options such as the date format and language.
Manage External System User Roles	W0805A	Enter P0805 in the Fast Path.	Set up external system roles that correspond to PeopleSoft Enterprise Learning Management roles. The roles you enter in this program are used in PeopleSoft Enterprise Learning Management, not in the JD Edwards EnterpriseOne system.

### Setting Up the Date Format

Access the User Profile Revisions form.

#### Date Format

Specify *DME* if the date format in the PeopleSoft Enterprise system is DD/mm/yyyy. If the date format in the PeopleSoft Enterprise system is MM/dd/yyyy, specify *MDE*. These values display a four-digit year rather than a two-digit year. The four-digit year pattern that you define in JD Edwards EnterpriseOne must match the PeopleSoft Enterprise date format in order for effective dates to be integrated.

### Setting Up External System Roles in the JD Edwards EnterpriseOne System

Access the Manage External System User Roles form.

Manage External System User Roles																																							
OK Find Delete Cancel Tools																																							
<div>Records 1 - 6 <span>Customize Grid</span></div> <table> <tr> <th></th><th>External System</th><th>External System</th><th>External System Role</th><th>Description</th></tr> <tr> <td><input type="checkbox"/></td><td>ELM</td><td>Enterprise ELM</td><td>LMLELM_ELM_USER</td><td>ELM User</td></tr> <tr> <td><input type="checkbox"/></td><td>ELM</td><td>Enterprise ELM</td><td>LMLELM_Internal_Learner</td><td>ELM Internal Learner</td></tr> <tr> <td><input type="checkbox"/></td><td>ELM</td><td>Enterprise ELM</td><td>PAPP_USER</td><td>PAPP User</td></tr> <tr> <td><input type="checkbox"/></td><td>ELM</td><td>Enterprise ELM</td><td>PeopleSoft User</td><td>PeopleSoft User</td></tr> <tr> <td><input type="checkbox"/></td><td>ELM</td><td>Enterprise ELM</td><td>UPG_ALLPAGES</td><td>UPG all pages</td></tr> <tr> <td><input type="checkbox"/></td><td></td><td></td><td></td><td></td></tr> </table>						External System	External System	External System Role	Description	<input type="checkbox"/>	ELM	Enterprise ELM	LMLELM_ELM_USER	ELM User	<input type="checkbox"/>	ELM	Enterprise ELM	LMLELM_Internal_Learner	ELM Internal Learner	<input type="checkbox"/>	ELM	Enterprise ELM	PAPP_USER	PAPP User	<input type="checkbox"/>	ELM	Enterprise ELM	PeopleSoft User	PeopleSoft User	<input type="checkbox"/>	ELM	Enterprise ELM	UPG_ALLPAGES	UPG all pages	<input type="checkbox"/>				
	External System	External System	External System Role	Description																																			
<input type="checkbox"/>	ELM	Enterprise ELM	LMLELM_ELM_USER	ELM User																																			
<input type="checkbox"/>	ELM	Enterprise ELM	LMLELM_Internal_Learner	ELM Internal Learner																																			
<input type="checkbox"/>	ELM	Enterprise ELM	PAPP_USER	PAPP User																																			
<input type="checkbox"/>	ELM	Enterprise ELM	PeopleSoft User	PeopleSoft User																																			
<input type="checkbox"/>	ELM	Enterprise ELM	UPG_ALLPAGES	UPG all pages																																			
<input type="checkbox"/>																																							

Manage External System User Roles page

You must set up these roles:

- LMLELM\_ELM\_User
- LMLELM\_Internal\_Learner
- PAPP\_USER
- PeopleSoft User
- UPG\_ALLPAGES

### See Also

PeopleSoft Enterprise Learning Management 8.81 Implementation Guide, “Appendix: Understanding PeopleSoft Enterprise Learning Management Security,” Understanding Roles and Permission Lists.

## Setting Up Manual Data in the PeopleSoft Enterprise System for the Learning Management Integration

This section discusses how to:

- Add the FMSE1 SetID.
- Add the current market rate type.
- Set up the HRCOMP external source code.
- Set up relationship properties.

**Note.** You must set up this manual data before you run the Learning Management integration.

## Pages Used to Set Up Manual Data in the PeopleSoft Enterprise System for the Learning Management Integration

Access these pages in the appropriate PeopleSoft Enterprise Learning Management database.

Page Name	Object Name	Navigation	Usage
TableSet ID	SETID_TABLE	PeopleTools, Utilities, Administration, TableSet IDs	Manually add a SetID.
Market Rate Type	RT_TYPE_TBL	Set Up ELM, Financial Details, Market Rates, Exchange Rate Types, Market Rate Type	Manually add exchange rate types and review existing exchange rate types.
External Source Setup	LM_OBJV_EXT_STP	Set Up ELM, Objectives, External Sources, External Source Setup  Select the HRCOMP External Source Code.	Set up the HRCOMP External Source Code to convert competencies from the JD Edwards EnterpriseOne system to objectives in PeopleSoft Enterprise Learning Management.
Relationships	IB_RELATIONSHIP	PeopleTools, Integration Broker, Relationships	Set up relationship properties for the PSFT_E1 node.

### Adding the FMSE1 SetID

Access the TableSet ID page.

TableSet ID page

#### SetID

Add *FMSE1*. This is the default value in the Integration Options and must exist in PeopleSoft Enterprise.

### Adding the Current Market Rate Type

Access the Market Rate Type page.

The screenshot shows a web form titled "Rate Type" with a sub-header "Market Rate Type". Below this, there are three fields: "Rate Type:" with the value "CRRNT", "Description:" with the value "Current Rate Type", and "Short Description:" with the value "Current".

Exchange Rate Types page

### Rate Type

Add the rate type *CRRNT*. You cannot add this value in the JD Edwards EnterpriseOne system because user-defined code (UDC) 11/RT is limited to two characters. This value must exist in PeopleSoft Enterprise Learning Management for the integration of market rates.

## Setting Up the HRCOMP External Source Code

Access the External Source Setup page.

The screenshot shows a web form titled "External Source Setup". It has a field "External Source Code:" with the value "HRCOMP". Below this is a section titled "External Source Data" with a field "Description:" containing "HR Competency". There are two checkboxes: "Automatically Map Objectives to External Codes" and "System Data", both of which are checked.

External Source Setup page

### Automatically Map Objectives to External Codes

Select this check box to convert JD Edwards EnterpriseOne competencies to PeopleSoft Enterprise Learning Management objectives.

## Setting Up Relationship Properties

Access the Relationships page.

To set up relationship properties for the PSFT\_E1 node,

1. Open the LM\_E1\_IA relationship.
2. Click Properties to access the Relationship Properties page.
3. Change the value for the *Category, AppRelease* property from PeopleSoft HCM 8.8 to PeopleSoft E1.
4. Reboot the App Server and clear the cache.

**Note.** Depending on your PeopleSoft Enterprise Learning Management service pack level, this value may already be set correctly.

## Setting Up Corresponding Data in Both Systems

Due to their static nature, certain entities must be manually synchronized between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.

You must load identical values for the JD Edwards EnterpriseOne codes and the PeopleSoft Enterprise codes before you run the integration:

PeopleSoft Enterprise Field	JD Edwards EnterpriseOne Field	PeopleSoft Enterprise Navigation	JD Edwards EnterpriseOne Navigation	Comments
Currency Code	Currency Code	Set Up ELM, Financial Details, Market Rates, Currency Codes	Financials, General Accounting, General Accounting System Setup, Organization & Account Setup, Multi-Currency Setup, Designate Currency Codes	A blank value in the JD Edwards EnterpriseOne system is invalid when running this integration.
State	State	Set Up ELM, State	UDC 00/S	State codes in the PeopleSoft Enterprise system have an associated two-digit country code.  You must associate states with countries in the PeopleSoft Enterprise system. Make sure that you use country codes that are valid in the JD Edwards EnterpriseOne system when you set up these relationships.

## Setting Up Cross-References for the Learning Management Integration

This section provides an overview of key cross-references for the Learning Management integration and discusses how to set up code cross-references for the Learning Management integration.

### Understanding Key Cross-References for the Learning Management Integration

This integration requires that key cross-references be set up in the JD Edwards EnterpriseOne WSG cross-reference database. The system creates these key cross-references during integration processing; no user setup is required.



Application ID	Object ID
E-ELM	businessunit
E-ELM	competency
E-ELM	position
E-ELM	reviewpoint-(scale name)
E-ELM	reviewrating-(scale name)

### businessunit

The system creates this key cross reference during the initial load of JD Edwards EnterpriseOne business units to PeopleSoft Enterprise Learning Management departments.

The canonical and native keys both contain business units from the Business Unit field (MCU) of the Business Unit Master table (F0006) in the JD Edwards EnterpriseOne system. The native key is the department ID in PeopleSoft Enterprise Learning Management.

This cross-reference is used by the incremental sync of business units to departments to determine whether the business unit that is being sent from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise Learning Management is being added or changed.

---

**Note.** If you rerun the initial batch load of business units to departments, you need to clear the businessunit key cross-reference.

---

### competency

The system creates this key cross reference during the initial load of competencies from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise Learning Management.

The canonical key contains a concatenation of the Competency Type field (CMPE) and the Competency Code field (CMPC) from the Competency Master table (F05104), separated by the pipe character, for example 001|ACCTG. The native key contains a concatenation of the Competency Type field and the Competency Code field without a separator and without leading zeros, for example, 1ACCTG. The native key is the external code assigned to learner competencies in PeopleSoft Enterprise Learning Management.

---

**Note.** If you rerun the initial batch load of competencies, you do not need to clear the competency key cross-reference. The header service automatically clears the competency cross-reference.

---

This cross-reference is used by the incremental synchronization of competencies and by the initial batch load and incremental synchronization of JD Edwards EnterpriseOne resource competencies to PeopleSoft Enterprise Learning Management person competencies. Therefore, it is crucial that the initial load of competencies occur before the initial load or incremental synchronizations of resource competencies to person competencies.

This cross-reference is also used for the transactional transfer of PeopleSoft Enterprise Learning Managements objectives to JD Edwards EnterpriseOne competencies.

### position

The system creates this key cross-reference during the initial load of JD Edwards EnterpriseOne jobs in business units to PeopleSoft Enterprise Learning Management positions.

The canonical key contains a concatenation of the Organizational Business Unit field (ORMCU), the Job Type field (JBCD), and the Job Step field (JBST) from Organizational Business Unit/Job Cross-Reference table (F080061), separated by the pipe character, for example, M30|8P-3|A.1. The native key contains the corresponding position number from PeopleSoft Enterprise Learning Management.

This cross-reference is used by the incremental sync of jobs in business units to positions to determine whether the job that is being sent from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise Learning Management is being added or changed.

This cross-reference is a prerequisite for initial data load and the incremental sync of JD Edwards EnterpriseOne competency job descriptions to Enterprise role competencies.

---

**Note.** If you rerun the initial batch load of jobs in business units to positions, you do not need to clear the position key cross-reference. The header service automatically clears the position cross-reference.

---

## reviewpoint and reviewrating

The system creates these key cross-references during the initial load of JD Edwards EnterpriseOne scales to PeopleSoft Enterprise Learning Management rating models.

The system creates several instances of the reviewpoint and reviewrating cross-references, following the object name with the name of the scale, for example, reviewpoint-3PT or reviewrating-3PT.

For the reviewpoint cross-reference, the canonical key contains a concatenation of the Scale field (SCLE) from the Scale Master table (F05103) and the Low Value field (SCLL) from the Competency Levels table (F05119), separated by the pipe character, for example, 3PT|1.000. The native key contains a concatenation of the corresponding ratings model and review points from PeopleSoft Enterprise Learning Management, separated by a pipe character, for example, 3PT|33.

For the reviewrating cross-reference, the canonical key contains the same value as the canonical key for the reviewpoint cross-reference. The native key contains a concatenation of the corresponding ratings model and proficiency from PeopleSoft Enterprise Learning Management, separated by a pipe character, for example, 3PT|C.

---

**Note.** If you rerun the initial batch load of scales to rating models, you do not need to clear the reviewpoint or reviewrating key cross-references. The header service automatically clears these cross-references.

---

The reviewpoint and reviewrating key cross-references are used during the incremental synchronization of scales to rating models.

The reviewrating key cross-reference is used by the initial batch load and incremental synchronization of JD Edwards EnterpriseOne resource competencies to PeopleSoft Enterprise Learning Management person competencies. Therefore, it is crucial that the initial load of competencies occur before the initial load or incremental synchronizations of resource competencies to person competencies.

The reviewrating key cross-reference is also used for the transactional transfer of PeopleSoft Enterprise Learning Managements objectives to JD Edwards EnterpriseOne competencies.

## Setting Up Code Cross-References for the Learning Management Integration

This integration requires that code cross-references be set up in the JD Edwards EnterpriseOne WSG cross-reference database. Specify the PeopleSoft Enterprise value as the native code and the JD Edwards EnterpriseOne value as the canonical code.

Application ID	Object ID	Canonical Code	Native Code
E-ELM	changereason	Enter values from UDC 06/T. <b>Note.</b> If you are not tracking history, you must create a cross-reference for a blank value from JD Edwards EnterpriseOne.	Enter three-character, uppercase values for the Action field (LM_ACTION) in the LM_STG_PRS_JOB staging table.
E-ELM	country	Enter values from UDC 00/CN.	Enter three-character, uppercase values for the Country field (COUNTRY) from PeopleSoft Enterprise Learning Management. <b>Note.</b> You must create a cross reference between the JD Edwards EnterpriseOne default country (blank), and a PeopleSoft Enterprise country because the default country is customer specific.
E-ELM	employeetype	Enter values from UDC 05A/PK.	Enter one-character, uppercase values for the Employee Type field (LM_EMPL_TYPE) in the LM_STG_PRS_JOB staging table.
E-ELM	employmentstatus	Enter values from UDC 06/ES.	Enter one-character, uppercase values for the Regular/Temporary field (LM_REG_TEMP) in the LM_STG_PRS_JOB staging table.
E-ELM	flsaexemptstatus	Enter values from UDC 05/FL.	Enter one-character, uppercase values for the FLSA Status field (LM_FLSA_STATUS) in the LM_STG_PRS_JOB staging table.
E-ELM	jobcategory	Enter values from UDC 06/J.	Enter one-character, uppercase values for the EEO Classification field (LM_EEO_CLASS) in the LM_STG_PRS_JOB staging table.
E-ELM	languagecode	Enter values from UDC 01/LP.	Enter three-character, uppercase values for the Language Code field (LANGUAGE_CD) field.

Application ID	Object ID	Canonical Code	Native Code
E-ELM	scale	Enter values from the Scale field (SCLE) in the Scale Master table (F05103).	Enter four-character, uppercase values for the Rating Model field (LM_RATING_MODEL) of the Rating Model table (LM_RTNG_MDL_TBL).
E-ELM	shiftcode	Enter values from UDC 06/SH.	Enter one-character, uppercase values for the Regular Shift field (LM_SHIFT) in the LM_STG_PRS_JOB staging table.
E-ELM	unioncode	Enter values from UDC 06/UN.	Enter three-character, uppercase values for the Union Code field (LM_UNION_CD) in the LM_STG_PRS_JOB staging table.
E-ELM	worktimestatus	Enter values from UDC 06/ES.	Enter one-character, uppercase values for the Full/PartTime field (LM_FULL_PART_TIME) in the LM_STG_PRS_JOB staging table.

**Note.** For codes that exist in either the JD Edwards EnterpriseOne system or the PeopleSoft Enterprise system but that do not have a corresponding code in the other system, you must add a corresponding code in the system that lacks the code, and then cross reference the two system's codes.

## Loading Master Data for the Learning Management Integration

This section provides overviews of the process of loading JD Edwards EnterpriseOne data into PeopleSoft Enterprise Learning Management tables and of the incremental synchronization of master data for the Learning Management integration, lists prerequisites, and discusses how to:

- Set processing options for the Update External System Job Descriptions program (R080025).
- Set processing options for the Account Master Batch Load (R8909F0901) program.
- Set processing options for the Business Unit Batch Load (R8900F0006) program.
- Set processing options for the Batch Load Outbound Job Descriptions (R89F080601) program.
- Set processing options for the Currency Exchange Batch Upload program (R8900F0015).
- Set processing options for the User Profile Batch Load program (R89F0092B).
- Set processing options for the Address Book Master Batch Load program (R8901F0101).
- Run batch integrations in the Integration Server for the Learning Management integration.

---

**Note.** If a table conversion program is used in the Learning Management and does not have processing options listed in this chapter, the table conversion program does not use processing options.

---

## Understanding the Process of Loading JD Edwards EnterpriseOne Data into PeopleSoft Enterprise Learning Management Tables

Perform the initial loading of the JD Edwards EnterpriseOne data to corresponding PeopleSoft Enterprise Learning Management tables in this order:

1. JD Edwards EnterpriseOne Hard Codes to PeopleSoft Enterprise Journal Generator.
2. JD Edwards EnterpriseOne Company to PeopleSoft Enterprise GL Business Unit.
3. JD Edwards EnterpriseOne Company to PeopleSoft Enterprise HR Business Unit.
4. JD Edwards EnterpriseOne to PeopleSoft Enterprise Market Rate Type.
5. JD Edwards EnterpriseOne Hard Codes to PeopleSoft Enterprise Market Rate Index.
6. JD Edwards EnterpriseOne Currency Rates to PeopleSoft Enterprise Market Rates.
7. JD Edwards EnterpriseOne Currency Rates to PeopleSoft Enterprise Market Rate Definition.
8. JD Edwards EnterpriseOne Currency Rates to PeopleSoft Enterprise Currency Quote Method.
9. JD Edwards EnterpriseOne Accounts to PeopleSoft Enterprise ChartFields.
10. JD Edwards EnterpriseOne to PeopleSoft Enterprise Job Codes.
11. JD Edwards EnterpriseOne Job in Business Unit to PeopleSoft Enterprise Positions.
12. JD Edwards EnterpriseOne Business Unit to PeopleSoft Enterprise Department.
13. JD Edwards EnterpriseOne Scale to PeopleSoft Enterprise Rating Models.
14. JD Edwards EnterpriseOne to PeopleSoft Enterprise Competency.
15. JD Edwards EnterpriseOne Competency Job Description to PeopleSoft Enterprise Role Competency.
16. JD Edwards EnterpriseOne to PeopleSoft Enterprise User Profile.
17. JD Edwards EnterpriseOne Address Book to PeopleSoft Enterprise Person.
18. JD Edwards EnterpriseOne Employee Master to PeopleSoft Enterprise Workforce.
19. JD Edwards EnterpriseOne Resource Competency to PeopleSoft Enterprise Person Competency.

---

**Important!** You should run the XJDEELMINT versions of the table conversion programs. These versions mark quotes within quotes with a release character so that these strings can be processed correctly in the Integration Server.

---

This table describes the initial data loads that you must perform:

<b>Table Conversion Program</b>	<b>Flat File Name</b>	<b>Batch Integration Flow</b>	<b>Message</b>
None	N/A	E1_Hardcodes_To_E_Journal_Generator: convert_E1_Hardcodes_To_E_Journal_Generator	JOURNAL_GEN_APPL_ID_FULLSYNC
Company Manage Notify Initial Load (R0010IL)	f0010xpi.txt	E1_Company_To_E_GL_Business_Unit: convert_E1_Company_To_E_GL_Business_Unit	BUS_UNIT_GL_FULLSYNC
Company Manage Notify Initial Load (R0010IL)	f0010xpi.txt	E1_Company_To_E_HR_Business_Unit: convert_E1_Company_To_E_HR_Business_Unit	BUS_UNIT_HR_FULLSYNC
None	N/A	E1_To_E_Market_Rate_Type: convert_E1_To_E_Market_Rate_Type	MARKET_RATE_TYPE_FULLSYNC
None	N/A	E1_Hardcodes_To_E_Market_Rate_Index: convert_E1_Hardcodes_To_E_Market_Rate_Index	MARKET_RATE_INDEX_FULLSYNC
Currency Exchange Batch Upload (R8900F0015)	F0015 Exchange Rate Upload.txt	E1_Currency_Rates_To_E_Market_Rates: convert_E1_Currency_Rates_To_E_Market_Rates	MARKET_RATE_FULLSYNC
Currency Exchange Batch Upload (R8900F0015)	F0015 Exchange Rate Upload.txt	E1_Currency_Rates_To_E_Market_Rate_Definition: convert_E1_Currency_Rates_To_E_Market_Rate_Definition	MARKET_RATE_DEFN_FULLSYNC
Currency Exchange Batch Upload (R8900F0015)	F0015 Exchange Rate Upload.txt	E1_Currency_Rates_To_E_Currency_Quote_Method: convert_E1_Currency_Rates_To_E_Currency_Quote_Method	CURR_QUOTE_MTHD_FULLSYNC
Account Master Batch Load (R8909F0901)	f0901batchload.txt	E1_Accounts_To_E_Chartfields: convert_E1_Accounts_To_E_Chartfields	ACCOUNT_CHARTFIELD_FULLSYNC
Job Information Batch Load (R89F08001)	F08001_OUT.txt	E1_Jobcode_To_E_ELMJobcode: convert_E1_Jobcodes_To_E_ELMJobcodes	JOBCODE_FULLSYNC
Batch Load Outbound Jobs Within Business Units (R890800601)	F0800601_OUT.txt	E1_Job_In_BU_To_E_Position: convert_E1_Job_In_BU_To_E_Position	POSITION_FULLSYNC
Business Unit Batch Load (R8900F0006)	f0006batchload.txt	E1_Business_Unit_To_E_Department: convert_E1_Business_Unit_To_E_Department	LM_DEPT_FULLSYNC

<b>Table Conversion Program</b>	<b>Flat File Name</b>	<b>Batch Integration Flow</b>	<b>Message</b>
Scale Batch Load (R89F05103)	F05103_OUT.txt	E1_Scale_To_E_Rating_Models: convert_E1_Scale_To_E_Rating_Models	RATING_MODEL_FULLSYNC
Competencies Batch Load (R89F05104)	F05104_OUT.txt	E1_To_E_Competency: convert_E1_To_E_Competency	COMPETENCY_FULLSYNC1
Batch Load Outbound Job Descriptions (R89F080601)	JOB_DESC_OUT.txt	E1_Comp_Job_Desc_To_E_Role_Comp: convert_E1_Comp_Job_Desc_To_E_Role_Comp	ROLE_COMP_FULLSYNC
User Profile Batch Load (R89F0092B)	User_Profile_Out.txt	E1_User_Preference_to_E_LM_User_Profile: convert_E1_User_Preference_To_E_User_Profile	LM_USER_PROFILE
Address Book Master Batch Load (R8901F0101)	f0101batchload.txt	E1_Address_Book_To_E_Person: convert_E1_Address_Book_To_E_Person	PERSON_BASIC_FULLSYNC
Employee Master Batch Load (R89F060116)	F060116_OUT.txt	E1_Employee_Master_To_E_Workforce: convert_E1_Employee_Master_To_E_Workforce	WORKFORCE_FULLSYNC
Resource Competencies Batch Load (R89F05100)	F05100_OUT.txt	E1_Resource_Comp_To_E_Person_Comp: convert_E1_Resource_Comp_To_E_Person_Comp	PERSON_COMPETENCY_FULLSYNC

### **E1\_Hardcodes\_To\_E\_Journal\_Generator**

This initial data load sends this hard-coded data to the PeopleSoft Enterprise Learning Management Journal Generator table (PS\_LM\_JRNLGEN\_TMPL):

- SetID: Integration Option value.
- Journal Template: system setup table value.
- Effective Date: 1900-01-01.
- Status as of Effective Date: A.
- Description: integration option value.
- Journal Source: blank.

### **E1\_Company\_To\_E\_GL\_Business\_Unit**

This initial data load sends company data from the JD Edwards EnterpriseOne Company Master table (F0010) to PeopleSoft Enterprise Learning Management GL Business Units table (PS\_LM\_BUS\_UNIT\_GL).

### **E1\_Company\_To\_E\_HR\_Business\_Unit**

This initial data load sends company data from the JD Edwards EnterpriseOne Company Master table (F0010) to the PeopleSoft Enterprise Learning Management HR Business Units table (PS\_LM\_BUS\_UNIT\_TBL).

## **E1\_To\_E\_Market\_Rate\_Type**

This initial data load sends the values for UDC 11/RT (Multicurrency Rate Type) from the JD Edwards EnterpriseOne User Defined Codes table (F0005) to the PeopleSoft Enterprise Learning Management Market Rate Type table (RT\_TYPE\_TBL).

You must manually add the value CRRNT in PeopleSoft Enterprise Learning Management. You cannot add this value in the JD Edwards EnterpriseOne system because UDC 11/RT is limited to two characters. This value must exist in PeopleSoft Enterprise Learning Management for the integration of market rates.

There is no incremental synchronization for this data because this data rarely changes. If you add a new multicurrency rate type in the JD Edwards EnterpriseOne system, you must run this integration point again.

## **E1\_Hardcodes\_To\_E\_Market\_Rate\_Index**

This initial data load sends this hard-coded data to the PeopleSoft Enterprise Learning Management Market Rate Index table (RT\_INDEX\_TBL):

- Market Rate Index: Integration Option value.
- Rate Category: 10.
- Description: integration option value.
- Decimal Positions: 7.
- Default Exchange Rate Index: Y.

## **E1\_Currency\_Rates\_To\_E\_Market\_Rates**

This initial data load sends currency rate data from the JD Edwards EnterpriseOne Currency Exchange Rates table (F0015) to the PeopleSoft Enterprise Learning Management Market Rate table (RT\_RATE\_TBL).

You must manually add market rate type of CRRNT to the PeopleSoft Enterprise Learning Management Market Rate Type table (RT\_TYPE\_TBL) before running this service.

## **E1\_Currency\_Rates\_To\_E\_Market\_Rate\_Definition**

This initial data load sends currency rate data from the JD Edwards EnterpriseOne Currency Exchange Rates table (F0015) to the PeopleSoft Enterprise Learning Management Market Rate Definition table (RT\_RATE\_DEF\_TBL).

## **E1\_Currency\_Rates\_To\_E\_Currency\_Quote\_Method**

This initial data load sends currency exchange rate data from the JD Edwards EnterpriseOne Currency Exchange Rates table (F0015) to the PeopleSoft Enterprise Learning Management Currency Quotation table (CURR\_QUOTE\_TBL).

## **E1\_Accounts\_To\_E\_Chartfields**

This initial data load sends account information from the JD Edwards EnterpriseOne Account Master table (F0901) to the PeopleSoft Enterprise Learning Management Account ChartField table (PS\_LM\_CF\_ACCOUNT).

The integration server sends the object and subsidiary portions of the JD Edwards EnterpriseOne account number, separated by the account delimiter specified in the integration options, to the PeopleSoft Enterprise system.



## **E1\_Jobcodes\_To\_E\_ELMJobcodes**

This initial data load sends job data from the JD Edwards EnterpriseOne Job Information table (F08001) to the PeopleSoft Enterprise Learning Management Job Code table (PS\_LM\_JOBCODE\_TBL).

## **E1\_Job\_In\_BU\_To\_E\_Position**

This initial data load sends job in business unit data from the JD Edwards EnterpriseOne Organizational Business Unit/Job Cross-Reference table (F0800601) to the PeopleSoft Enterprise Learning Management Positions (PS\_LM\_POSITION).

## **E1\_Business\_Unit\_To\_E\_Department**

This initial data load sends business unit data from the JD Edwards EnterpriseOne Business Unit Master table (F0006) to the PeopleSoft Enterprise Learning Management Department staging table (PS\_LM\_STG\_DEPT).

After you run this initial data load, you must access the Load Department Tables component in PeopleSoft Enterprise Learning Management and run the necessary processes to fully validate and load the data into the PS\_LM\_ORGANIZATION application table.

You might receive an Out of Memory error due to the large number of business units processed by this flow. To correct the issue, set up the Integration Server for high volume transactions.

See PeopleSoft 8.81 PeopleSoft Enterprise Learning Management Implementation Guide, “Managing Person and Organization Data,” Processing Staged Person and Workforce Data.

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Setting Up for High-Volume Transactions, page 25.](#)

## **E1\_Scale\_To\_E\_Rating\_Models**

This initial data load sends scale data from the JD Edwards EnterpriseOne Scale Master table (F05103) and Competency Levels table (F05119) to the PeopleSoft Enterprise Learning Management Rating Model table (PS\_LM\_RTNG\_MDL\_TBL) and Review Ratings table (PS\_LM\_RVW\_RTNG\_TBL).

You must set up the scale code cross-reference before running this initial data load.

---

**Note.** We recommend that you do not change scale values after you run the initial data load of scale data. While the scale values themselves are updated by the incremental synchronization of scales to rating models, any employee competency records that use the old scale are not updated. If the scale is changed in the JD Edwards EnterpriseOne system after being sent to PeopleSoft Enterprise Learning Management, you are responsible for manually correcting the employee competency data in the PeopleSoft Enterprise Learning Management system.

---

## **E1\_To\_E\_Competency**

This initial data load sends competency data from the JD Edwards EnterpriseOne Competency Master table (F05104) to the PeopleSoft Enterprise Learning Management Objectives External Source table (PS\_LM\_OBJV\_EXT\_SRC), Objectives table (PS\_LM\_OBJV\_TBL), and Objectives Detail table (PS\_LM\_OBJV\_DTL).

You must set up the scale code cross-reference before running this initial data load.

Also, you must set up Objectives in the PeopleSoft Enterprise Learning Management system before running this initial data load.

See PeopleSoft 8.81 PeopleSoft Enterprise Learning Management Implementation Guide, “Setting Up Objectives.”

---

**Warning!** Unlike other integrations, the header component for this flow does not delete the external-source competencies from the three PeopleSoft Enterprise database tables listed above. If you find it necessary to rerun this process for any reason, you must manually clear these tables. You can use these sample SQL statements, or you can create your own:

```
DELETE from PS_LM_OBJV_EXT_SRC
```

This statement deletes all records in the table, therefore, verify that you want to delete all records before running this statement.

```
DELETE from PS_LM_OBJV_TBL where LM_EXT_OBJECTIVE = 'Y'.
```

This statement deletes external objects. Before you run this statement, verify that you want to delete all external objects. You might want to narrow the criteria to delete specific records related to JD Edwards EnterpriseOne.

```
DELETE from PS_LM_OBJV_DTL where LM_EXT_SRC_CD = 'HRCOMP'.
```

---

## E1\_Comp\_Job\_Desc\_To\_E\_Role\_Comp

This initial load sends role competency data from the JD Edwards EnterpriseOne Organizational Business Unit/Job Cross-Reference table (F0800601) to the PeopleSoft Enterprise Learning Management Role Competency table (PS\_LM\_ROLE\_COMPS).

## E1\_User\_Preference\_to\_E\_LM\_User\_Profile

This initial load sends user preference data from the JD Edwards EnterpriseOne Library Lists - User table (F0092), User Display Preferences table (F00921), Address Book Master table (F0101), and Electronic Address table (F01151) to the PeopleSoft Enterprise Learning Management User Profile tables (PS\_ROLEXLATOPR, PS\_ROLEXLATOPRVW, PSOPRDEFN, PSOPRALIAS, PS\_ROLEUSER, PS\_ROLEUSER\_VW, PSUSEREMAIL, and PS\_LM\_PERSON\_OPRID).

Before you run this initial data load, verify that the appropriate data is set up in these programs:

- User Preferences (P0092).
- Address Book Revisions (P01012).
- Electronic Address Revisions (P01111).

You should set up primary email addresses in the Electronic Address Revisions program, specifying *E* in the Electronic Address Type field and *I* in the Messaging Indicator field.

You must set up the language code cross-reference before running this initial data load.

You must also set up PeopleSoft Enterprise Learning Management Roles in the JD Edwards EnterpriseOne system before running this initial load.

See [Chapter 40, “Setting Up Prerequisite Data for the Learning Management Integration,” Setting Up External System Roles in the JD Edwards EnterpriseOne System, page 406.](#)

After you run this initial load, you must run the encrypt.dms script in PeopleSoft Enterprise Learning Management to permit users to log into the Learning Management system. The encrypt.dms script encrypts PeopleSoft Enterprise Learning Management passwords.

See PeopleSoft Enterprise PeopleTools 8.45 Implementation Guide: Data Management, “Using PeopleSoft Data Mover,” Creating and Running PeopleSoft Data Mover Scripts.

This initial data load uses both the PSFT\_E1 and the PSFT\_LM nodes. You must ensure that the USER\_PROFILE message is active under both of these nodes.

### **E1\_Address\_Book\_To\_E\_Person**

This initial data load sends employee data from these JD Edwards EnterpriseOne tables:

- Employee Master Information (F060116).
- Address Book Master (F0101).
- Address Book - Who's Who (F0111).
- Address Book - Phone Numbers (F0115).
- Electronic Address (F01151).
- Address by Date (F0116).

This initial data load sends the employee data to these PeopleSoft Enterprise Learning Management staging tables:

- PS\_LM\_STG\_PRS
- PS\_LM\_STG\_PRS\_DT
- PS\_LM\_STG\_PRS\_NM
- PS\_LM\_STG\_PRS\_PHN
- PS\_LM\_STG\_PRS\_EML
- PS\_LM\_STG\_PRS\_ADDR

After you run this initial data load, you must run the Load Person Tables component in PeopleSoft Enterprise and run the necessary processes to fully validate and load the data into these application tables:

- PS\_LM\_PERSON
- PS\_LM\_PERSON\_EFFDT
- PS\_LM\_PERSON\_NAME
- PS\_LM\_PERSON\_PHONE
- PS\_LM\_PERSON\_EMAIL
- PS\_LM\_PERSON\_ADDR

You must specify search type *E* in the processing options of the Address Book Master Batch Load program in order to select only employees.

---

**Important!** Email data is populated in the PERSON\_BASIC\_FULLSYNC message only if the electronic address type in the F01151 table is E (email address).

In the employee's Address Book record in JD Edwards EnterpriseOne, the Alpha Name field must contain the name in the format lastname, firstname. If the name is not entered in this format, the PERSON\_BASIC\_FULLSYNC message returns an error.

---

You must set up the language code cross-reference before running this initial data load.

## E1\_Employee\_Master\_To\_E\_Workforce

This initial data load sends employee data from the JD Edwards EnterpriseOne Employee Master Information table (F060116) to these PeopleSoft Enterprise Learning Management staging tables:

- PS\_LM\_STG\_PRS\_JOB
- PS\_LM\_STG\_PRS\_ATT

You must set up these code cross-references before you run this initial data load:

- changereason
- shiftcode
- employmentstatus
- worktimestatus
- employeetype
- flsaexemptstatus
- jobcategory
- unioncode

After you run this initial data load, you must access the Load Person/Workforce Tables component in PeopleSoft Enterprise Learning Management and run the necessary processes to fully validate and load the data into the PS\_LM\_PERSON\_JOB and PS\_LM\_PERSON\_ATTRB application tables.

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**Note.** If an employee is added with a non-numeric pay status, the record is written to the PS\_LM\_PERSON record only. The PS\_LM\_PERSON\_JOB and PS\_LM\_PERSON\_ATTRB records are not written

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See PeopleSoft 8.81 PeopleSoft Enterprise Learning Management Implementation Guide, “Managing Person and Organization Data,” Processing Staged Person and Workforce Data.

## E1\_Resource\_Comp\_To\_E\_Person\_Comp

This initial data load sends competency data from the JD Edwards EnterpriseOne Resource Competency table (F05100) to these PeopleSoft Enterprise Learning Management staging tables:

- PS\_LM\_STG\_EVALS
- PS\_LM\_STG\_LRNRCOMP

You must run the E1\_To\_E\_Competency and E1\_Scale\_To\_E\_Rating\_Model initial data loads before you run this initial data load because they create key cross references that are used by this initial data load.

After you run this initial load, you must run the Load Person Competency Tables function in PeopleSoft Enterprise to run the necessary processes to fully validate and load the data into the PS\_LM\_EVALS, PS\_LM\_LRNRCOMP, and PS\_LM\_LRNR\_OBJV application tables.

## Understanding the Incremental Synchronization of Master Data for the Learning Management Integration

After you have initially loaded master data from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise Learning Management, you may need to sync up additions or changes to master data that occur in the JD Edwards EnterpriseOne system.

Incremental sync integrations run automatically when you add or change integrated data in the JD Edwards EnterpriseOne system.

This table describes the incremental syncs provided in this integration:

<b>JD Edwards EnterpriseOne Realtime Event</b>	<b>Published Interface Document</b>	<b>Integration Service Flow</b>	<b>Message</b>
RTAMOUT	notifyGLAccountEvent PublishDocument	E1_Accounts_To_E_Chartfields: convert_E1_Accounts_To_E_Chartfields	ACCOUNT_CHARTFIELD_SYNC
RTABOUT	notifyAddressBook PublishDocument	E1_Address_Book_To_E_LM_User_Profile: convert_E1_Address_Book_To_E_LM_User_Profile	LM_USER_PROFILE
RTPIOUT and RTABOUT	notifyPersonInformation EventPublishDocument  or  notifyAddressBook PublishDocument	E1_Address_Book_To_E_Person: convert_E1_Address_Book_To_E_Person_Sync	PERSON_BASIC_SYNC
RTBUOUT	notifyBusinessUnitEvent PublishDocument	E1_Business_Unit_To_E_Department: convert_E1_Business_Unit_To_E_Department	LM_DEPT_SYNC
RTJDOUT	notifyRoleCompetency EventPublishDocument	E1_Comp_Job_Desc_To_E_Role_Comp: convert_E1_Comp_Job_Desc_To_E_Role_Comp	ROLE_COMP_SYNC
RTCOOUT	notifyCompanyEvent PublishDocument	E1_Company_To_E_HR_Business_Unit: convert_E1_Company_To_E_HR_Business_Unit	BUS_UNIT_HR_SYNC
RTCOOUT	notifyCompanyEvent PublishDocument	E1_Company_To_E_GL_Business_Unit: convert_E1_Company_To_E_GL_Business_Unit	BUS_UNIT_GL_SYNC
RTCROUT	notifyCurrencyRateEvent PublishDocument	E1_Currency_Rates_To_E_Currency_Quote_Method: convert_E1_Currency_Rates_To_E_Currency_Quote_Method	CURR_QUOTE_MTHD_SYNC
RTCROUT	notifyCurrencyRateEvent PublishDocument	E1_Currency_Rates_To_E_Market_Rate_Definition: convert_E1_Currency_Rates_To_E_Market_Rate_Definition_Sync	MARKET_RATE_DEFN_SYNC

<b>JD Edwards EnterpriseOne Realtime Event</b>	<b>Published Interface Document</b>	<b>Integration Service Flow</b>	<b>Message</b>
RTCROUT	notifyCurrencyRateEvent PublishDocument	E1_Currency_Rates_To_E_Market_Rates: convert_E1_Currency_Rates_To_E_Market_Rates	MARKET_RATE_SYNC
RTEMOUT	notifyEmployeeMaster EventPublishDocument	E1_Employee_Master_To_E_Workforce: convert_E1_Employee_Master_To_E_Workforce	WORKFORCE_SYNC
RTJBUOUTB	notifyJobInBusinessUnit EventPublishDocument	E1_Job_In_BU_To_E_Position: convert_E1_Job_In_BU_To_E_Position	POSITION_SYNC
RTRCOUT	notifyResource Competency EventPublishDocument	E1_Resource_Comp_To_E_Person_Comp: convert_E1_Resource_Comp_To_E_Person_Comp	PERSON_COMPETENCY_SYNC
RTSLOUT	notifyScaleEventPublish Document	E1_Scale_To_E_Rating_Models: convert_E1_Scale_To_E_Rating_Models	RATING_MODEL_SYNC
RTCPOUT	notifyCompetencyEvent PublishDocument	E1_To_E_Competency: convert_E1_To_E_Competency	COMPETENCY_SYNC1
RTJBOUT	notifyJobCodePublish Document	E1_To_E_Jobcode: convert_E1_To_E_Jobcode	JOBCODE_SYNC
RTUPOUT	notifyUserPreference PublishDocument	E1_User_Preference_To_E_LM_User_Profile: convert_E1_User_Preference_To_E_LM_User_Profile	LM_USER_PROFILE

## E1\_Accounts\_To\_E\_Chartfields

This incremental synchronization sends changes in account data from the JD Edwards EnterpriseOne Account Master table (F0901) to the PeopleSoft Enterprise Learning Management Account ChartField table (PS\_LM\_CF\_ACCOUNT).

## E1\_Address\_Book\_To\_E\_LM\_User\_Profile

This incremental synchronization sends changes in address book and user preference data from the JD Edwards EnterpriseOne Address Book Master table (F0101), Library Lists - User table (F0092), and User Display Preferences table (F00921) to the PeopleSoft Enterprise Learning Management tables (PSROLEXLATOPRVW, PSOPRDEFN, PSOPRALIAS, PSROLEUSER\_VW, PSUSEREMAIL, and PS\_LM\_PERSON\_OPRID).

---

**Important!** If the address book record that was added or changed in the JD Edwards EnterpriseOne system is not associated with a valid JD Edwards EnterpriseOne user preference record, this incremental synchronization does not send the data to PeopleSoft Enterprise Learning Management. However, an address book record may be associated with more than one user preference. This flow sends data to PeopleSoft Enterprise Learning Management for every user preference record that is associated with the address book record. Therefore, when an address book number record is added or changed in the JD Edwards EnterpriseOne system, one or more user profile records might be added or changed in PeopleSoft Enterprise Learning Management.

---

You must set up the language code cross-reference before running this incremental synchronization.

You must also set up PeopleSoft Enterprise Learning Management roles in the JD Edwards EnterpriseOne system using the External System Roles program (P0805) before running this incremental synchronization. These roles are included in the data that is sent to PeopleSoft Enterprise Learning Management.

See Chapter 40, “Setting Up Prerequisite Data for the Learning Management Integration,” Setting Up External System Roles in the JD Edwards EnterpriseOne System, page 406.

---

**Note.** PeopleSoft Enterprise Learning Management roles are sent from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise Learning Management only when the action code within this flow is *A* (add). When the action code within this flow is *C* (change) or *D* (delete), roles are not sent.

Also, both users and roles are stored in the F0092 table. However, JD Edwards EnterpriseOne roles are not sent to PeopleSoft Enterprise Learning Management; only JD Edwards EnterpriseOne users are sent. If the User/Role field (UGRP) in the F0092 table contains the value *\*GROUP*, which indicates that the record is a role, the data is not sent.

---

Default passwords are resent to PeopleSoft Enterprise Learning Management each time this incremental synchronization run. If a learner logs into PeopleSoft Enterprise Learning Management and changes his or her password, it is likely that the password will be reset to the default password.

After this incremental synchronization completes, you must run the encrypt.dms script in PeopleSoft Enterprise Learning Management to permit users to log into the Learning Management system. The encrypt.dms script encrypts PeopleSoft Enterprise Learning Management passwords.

See PeopleSoft Enterprise PeopleTools 8.45 Implementation Guide: Data Management, “Using PeopleSoft Data Mover,” Creating and Running PeopleSoft Data Mover Scripts.

## **E1\_Address\_Book\_To\_E\_Person**

This incremental synchronization sends changes in employee data from these JD Edwards EnterpriseOne tables:

- Employee Master Information (F060116).
- Address Book Master (F0101).
- Address Book - Who’s Who (F0111).
- Address Book - Phone Numbers (F0115).
- Electronic Address (F01151).
- Address by Date (F0116).

---

**Note.** Email data is populated in the PERSON\_BASIC\_SYNC message only if the electronic address type in the F01151 table is *E* (email address).

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**Important!** In the employee's Address Book record in JD Edwards EnterpriseOne, the Alpha Name field must contain the name in the format lastname, firstname. If the name is not entered in this format, the PERSON\_BASIC\_SYNC message returns an error.

---

This incremental synchronization sends the employee data to these PeopleSoft Enterprise Learning Management tables:

- PS\_LM\_PERSON
- PS\_LM\_PERSON\_EFFDT
- PS\_LM\_PERSON\_NAME
- PS\_LM\_PERSON\_PHONE
- PS\_LM\_PERSON\_EMAIL
- PS\_LM\_PERSON\_ADDR

You must set up the language code cross-reference before running this incremental synchronization.

### **E1\_Business\_Unit\_To\_E\_Department**

This incremental synchronization sends changes in business unit data from the JD Edwards EnterpriseOne Business Unit Master table (F0006) to the PeopleSoft Enterprise Learning Management Department record (PS\_LM\_ORGANIZATION).

### **E1\_Comp\_Job\_Desc\_To\_E\_Role\_Comp**

This incremental synchronization sends changes in competency data from the JD Edwards EnterpriseOne Organizational Business Unit/Job Cross-Reference table (F0800601) to the PeopleSoft Enterprise Learning Management Role Competency table (PS\_LM\_ROLE\_COMPS).

This incremental synchronization functions differently from the other incremental synchronizations. To run this incremental synchronization, you must complete these steps:

1. After you have run the initial batch load of competency job descriptions by running the Batch Load Outbound Job Descriptions (R89F080601) program and the E1\_Comp\_Job\_desc\_To\_E\_Role\_Comp integration flow, set the UCI (Use Job Competency Integration?) data item to *Yes* in the HRM Common Display Settings program (P05004).

---

**Important!** It is very important that you do not change the setting for the UCI data item until after the initial batch load of competency job descriptions has completed.

---

See *JD Edwards EnterpriseOne Human Capital Management Application Fundamentals 8.12 Implementation Guide*, "Setting Up System Options".

2. Schedule the Update External System Job Descriptions program (R080025) to run periodically and to ensure regular updates.

See JD Edwards EnterpriseOne Tools 8.96 System Administration Guide, "Using the Scheduler Application."

The Update External System Job Descriptions program reads through the Job Description Changes Integration Work File table (F08JDWF1), rebuilds all competency based job descriptions that changed due to the changes in the tables, and then initiates the RTJDOUT realtime event.



---

**Note.** Competency based job descriptions are not integrated in realtime. The Integration Server does not receive the incremental changes until after the Update External System Job Descriptions program (R080025) runs. Also, the Effective Date processing option value should never contain a date that is previous to the last time the R080025 program was run. For example, if the R080025 program is run monthly, the Effective Date processing option for the current run should always be on or after the Effective Date processing option for the last run.

---

### **E1\_Company\_To\_E\_HR\_Business\_Unit**

This incremental synchronization sends changes in company data from the JD Edwards EnterpriseOne Company Master table (F0010) to PeopleSoft Enterprise Learning Management HR Business Units table (PS\_LM\_BUS\_UNIT\_TBL).

### **E1\_Company\_To\_E\_GL\_Business\_Unit**

This incremental synchronization sends changes in company data from the JD Edwards EnterpriseOne Company Master table (F0010) to the PeopleSoft Enterprise Learning Management HR Business Units table (PS\_LM\_BUS\_UNIT\_GL).

### **E1\_Currency\_Rates\_To\_E\_Currency\_Quote\_Method**

This incremental synchronization sends changes in currency exchange rate data from the JD Edwards EnterpriseOne Currency Exchange Rates table (F0015) to the PeopleSoft Enterprise Learning Management Currency Quotation table (CURR\_QUOTE\_TBL).

### **E1\_Currency\_Rates\_To\_E\_Market\_Rate\_Definition**

This incremental synchronization sends changes in currency rate data from the JD Edwards EnterpriseOne Currency Exchange Rates table (F0015) to the PeopleSoft Enterprise Learning Management Market Rate Definition table (RT\_RATE\_DEF\_TBL).

### **E1\_Currency\_Rates\_To\_E\_Market\_Rates**

This incremental synchronization sends changes in currency rate data from the JD Edwards EnterpriseOne Currency Exchange Rates table (F0015) to the PeopleSoft Enterprise Learning Management Market Rate table (RT\_RATE\_TBL).

### **E1\_Employee\_Master\_To\_E\_Workforce**

This incremental synchronization sends changes in employee data from the JD Edwards EnterpriseOne Employee Master Information table (F060116) to these PeopleSoft Enterprise Learning Management tables:

- PS\_LM\_PERSON
- PS\_LM\_PERSON\_ATTRB

You must set up these code cross-references before you run this incremental synchronization:

- changereason
- shiftcode
- employmentstatus
- worktimestatus
- employeetype
- flsaexemptstatus

- jobcategory
- unioncode

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**Note.** If an employee is added with a non-numeric pay status, the record is written to the PS\_LM\_PERSON record only. The PS\_LM\_PERSON\_JOB and PS\_LM\_PERSON\_ATTRB records are not written

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See PeopleSoft 8.81 PeopleSoft Enterprise Learning Management Implementation Guide, “Managing Person and Organization Data,” Processing Staged Person and Workforce Data.

### **E1\_Job\_In\_BU\_To\_E\_Position**

This incremental synchronization sends changes in business unit data from the JD Edwards EnterpriseOne Organizational Business Unit/Job Cross-Reference table (F0800601) to the PeopleSoft Enterprise Learning Management Positions (PS\_LM\_POSITION).

The position number that is written to the PS\_LM\_POSITION table is derived from a concatenation of the organizational business unit, job type, and job step from JD Edwards EnterpriseOne.

### **E1\_Resource\_Comp\_To\_E\_Person\_Comp**

This incremental synchronization sends changes in competency data from the JD Edwards EnterpriseOne Resource Competency table (F05100) to these PeopleSoft Enterprise Learning Management tables:

- PS\_LM\_EVALS
- PS\_LM\_LRNR\_COMP
- PS\_LM\_LRNR\_OBJV

### **E1\_Scale\_To\_E\_Rating\_Models**

This incremental synchronization sends changes in scale data from the JD Edwards EnterpriseOne Scale Master table (F05103) or the Competency Levels table (F05119) to the PeopleSoft Enterprise Learning Management Rating Model table (PS\_LM\_RTNG\_MDL\_TBL) and Review Ratings table (PS\_LM\_RVW\_RTNG\_TBL).

You must set up the scale code cross-reference before running this incremental synchronization.

### **E1\_To\_E\_Competency**

This incremental synchronization sends changes in competency data from the JD Edwards EnterpriseOne Competency Master table (F05104) to the PeopleSoft Enterprise Learning Management Objectives External Source table (PS\_LM\_OBJV\_EXT\_SRC), Objectives table (PS\_LM\_OBJV\_TBL), and Objectives Detail table (PS\_LM\_OBJV\_DTL).

You must set up the scale code cross-reference before running this initial data load.

You must also set up Objectives in the PeopleSoft Enterprise Learning Management system before running this incremental synchronization.

See PeopleSoft 8.81 PeopleSoft Enterprise Learning Management Implementation Guide, “Setting Up Objectives.”

### **E1\_To\_E\_Jobcode**

This incremental synchronization sends changes in job data from the JD Edwards EnterpriseOne Job Information table (F08001) to the PeopleSoft Enterprise Learning Management Job Code table (PS\_LM\_JOBCODE\_TBL).

## E1\_User\_Preference\_to\_E\_LM\_User\_Profile

This incremental synchronization sends changes in user preference data from the JD Edwards EnterpriseOne Library Lists - User table (F0092), User Display Preferences table (F00921), Address Book Master table (F0101), and Electronic Address table (F01151) to the PeopleSoft Enterprise Learning Management User Profile tables (PS\_ROLEXLATOPR, PS\_ROLEXLATOPRVW, PSOPRDEFN, PSOPRALIAS, PS\_ROLEUSER, PS\_ROLEUSER\_VW, PSUSEREMAIL, and PS\_LM\_PERSON\_OPRID).

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**Important!** If the user preference that was added or changed in the JD Edwards EnterpriseOne system does not have a valid address book number, this incremental synchronization does not send the data to PeopleSoft Enterprise Learning Management.

---

You must set up the language code cross-reference before running this incremental synchronization.

You must also set up PeopleSoft Enterprise Learning Management roles in the JD Edwards EnterpriseOne system using the External System Roles program (P0805) before running this incremental synchronization. These roles are included in the data that is sent to PeopleSoft Enterprise Learning Management.

See [Chapter 40, “Setting Up Prerequisite Data for the Learning Management Integration,” Setting Up External System Roles in the JD Edwards EnterpriseOne System, page 406](#).

---

**Note.** PeopleSoft Enterprise Learning Management roles are sent from the JD Edwards EnterpriseOne system to PeopleSoft Enterprise Learning Management only when the action code within this flow is *A* (add). When the action code within this flow is *C* (change) or *D* (delete), roles are not sent.

Also, both users and roles are stored in the F0092 table. However, JD Edwards EnterpriseOne roles are not sent to PeopleSoft Enterprise Learning Management; only JD Edwards EnterpriseOne users are sent. If the User/Role field (UGRP) in the F0092 table contains the value *\*GROUP*, which indicates that the record is a role, the data is not sent.

---

Default passwords are resent to PeopleSoft Enterprise Learning Management each time this incremental synchronization run. If a learner logs into PeopleSoft Enterprise Learning Management and changes his or her password, it is likely that the password will be reset to the default password.

After this incremental synchronization completes, you must run the encrypt.dms script in PeopleSoft Enterprise Learning Management to permit users to log into the Learning Management system. The encrypt.dms script encrypts PeopleSoft Enterprise Learning Management passwords.

See PeopleSoft Enterprise PeopleTools 8.45 Implementation Guide: Data Management, “Using PeopleSoft Data Mover,” Creating and Running PeopleSoft Data Mover Scripts.

This incremental synchronization uses both the PSFT\_E1 and the PSFT\_LM nodes. You must ensure that the USER\_PROFILE message is active under both of these nodes.

When a JD Edwards EnterpriseOne user preference record is deleted within the JD Edwards EnterpriseOne system, the corresponding user profile records in PeopleSoft Enterprise Learning Management are locked.

## Prerequisites

Before you run batch integrations in the integration server to load the master data:

- Set up UTF-8 encoding in the JD Edwards EnterpriseOne system so that the flat files that are created by the table conversion problems are encoded correctly.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Unicode Flat File Encoding, page 20](#).

- Set up the export folder where you want the JD Edwards EnterpriseOne table conversions to create the flat files.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Export Folder for Table Conversions, page 20.](#)

- Activate realtime events in the JD Edwards EnterpriseOne system.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Realtime Events, page 20.](#)

## Setting Processing Options for the Update External System Job Descriptions Program (R080025)

Processing options enable you to specify the default processing for programs and reports.

### Effective Date

**Effective Date** Specify the effective date for updates to job descriptions for the Learning Management integration.

## Setting Processing Options for the Account Master Batch Load Program (R8909F0901)

Processing options enable you to specify the default processing for programs and reports.

### Default

<b>Date - From</b>	Specify a date to select G/L accounts that were created or updated from that date forward. Leave this processing option blank to indicate that all dates are valid for selection.
<b>Time - From</b>	Specify a time to select a G/L accounts that were created or updated from that time forward. Leave this processing option blank to indicate that all times are valid for selection.
<b>Business Unit - From</b>	<p>Specify the first business unit in a range of business units to select G/L accounts within that range.</p> <p>Leave this processing option and the Business Unit - To processing option blank to indicate that all business units are valid for selection. Leave only this processing option blank to indicate that all business units up to and including the business unit in the Business Unit -To processing option are valid for selection. Leave only the Business Unit - To processing option blank to indicate that all business units from and including the business unit in this processing option are valid for selection.</p>
<b>Business Unit - To</b>	<p>Specify the last business unit in a range of business units to select G/L accounts within that range.</p> <p>Leave this processing option and the Business Unit - From processing option blank to indicate that all business units are valid for selection. Leave only this processing option blank to indicate that all business units from and including the business unit in the Business Unit - From processing option are valid for selection. Leave only the Business Unit - From processing option</p>

blank indicate that all business units up to and including the business unit in this processing option are valid for selection.

**Object Account - From**

Specify the first object account in a range of object accounts to select G/L accounts within that range.

Leave this processing option and the Object Account - To processing option blank to indicate that all object accounts are valid for selection. Leave only this processing option blank to indicate that all object accounts up to and including object account in the Object Account - To processing option are valid for selection. Leave only the Object Account - To processing option blank to indicate that all object accounts from and including the object account in this processing option are valid for selection.

**Object Account - To**

Specify the last object account in a range of object accounts to select G/L accounts within that range.

Leave this processing option and the Object Account - From processing option blank to indicate that all object accounts are valid for selection. Leave only the Object Account - From processing option blank to indicate that all object accounts up to and including the object account in this processing option are valid for selection. Leave only this processing option blank to indicate that all object accounts from and including the object account in the Object Account - From processing option are valid for selection.

**Subsidiary**

Specify a subsidiary to select G/L accounts for that subsidiary only. Leave this processing option blank to indicate that all subsidiaries are valid for selection.

## Setting Processing Options for the Business Unit Batch Load Program (R8900F0006)

Processing options enable you to specify the default processing for programs and reports.

### Default

**Date - From**

Specify the beginning date of a valid range of dates that the table conversion should use to select records. If you leave this processing option blank, the table conversion selects all records in the table.

**Time - From**

Specify the beginning time of a valid time range. This processing option works with the Date - From processing option to build data selection that the table conversion uses to select records from tables.

## Setting Processing Options for the Batch Load Outbound Job Descriptions Program (R89F080601)

Processing options enable you to specify the default processing for programs and reports.

### Select

**1. Enter the effective date of the job descriptions**

Specify the effective date of the job descriptions. Leave this processing option blank to use the system date.

## Setting Processing Options for the Currency Exchange Batch Upload Program (R8900F0015)

Processing options enable you to specify the default processing for programs and reports.

### Date

**Enter Date - Effective for Exchange Rates** Specify the effective date of the exchange rates. Leave this processing option blank to use the system date.

## Setting Processing Options for the User Profile Batch Load Program (R89F0092B)

Processing options enable you to specify the default processing for programs and reports.

### Select

**1. Search Type** Specify an address book search type. Only users who have address book records with the search type you specify have records written to the flat file. If you leave this processing option blank, all users who have a valid address book record have records written to the flat file. Values are stored in UDC 01/ST.

### Process

**1. Electronic Address Type** Specify an electronic address type from UDC 01/ET. This processing option is used with the Messaging Indicator processing option to select a primary email address for each user. The first email address record within the Electronic Address table (F01151) that has values that match the Electronic Address Type and Messaging Indicator processing options is selected. If you leave this processing option blank, the system selects records with an electronic address type of *E* (external email).

**2. Messaging Indicator** Specify a messaging indicator from UDC 01/HI. This processing option is used with the Electronic Address Type processing option to select a primary email address for each user. The first email address record within the Electronic Address table (F01151) that has values that match the Electronic Address Type and Messaging Indicator processing options is selected.

## Setting Processing Options for the Address Book Master Batch Load (R8901F0101)

Processing options enable you to specify the default processing for programs and reports.

### Default

**1. Date From** Use this processing option to specify the beginning date of a valid range of dates that table conversions use to select records from tables. If left blank, the report will select all records in the table to execute table conversion.

**2. Time From** Use this processing option to specify the beginning time of a valid time range. It works together with PO Date - From to build up data selection that table conversions used to select records from tables.

### 3. Search Type

Use this processing option to specify the default value that is used in the Search Type field on the Work with Addresses form. Use the visual assist for a list of valid search types. If you leave this processing option blank, the system uses \* as the default value, which instructs the system to locate all address book records.

## Running Batch Integrations in the Integration Server for the Learning Management Integration

Use JD Edwards EnterpriseOne WSG Integration Server or WSG Developer to invoke the batch integrations. The initial batch loads contain services, which perform the necessary data transformations and export XML files that the PeopleSoft Enterprise Learning Management system can receive.

---

**Important!** Before you run these batch integrations, be sure to review the prerequisites listed previously in this section. The prerequisite items must be completed before you run these batch integrations.

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**Note.** The initial batch loads for the Learning Management integration typically contain a header service, a convert service, and a trailer service. The header service initializes the PeopleSoft Enterprise Learning Management system to receive the data related to the flow. This often involves clearing PeopleSoft Enterprise Learning Management tables that are pertinent to the initial batch load. The convert service sends the data to the PeopleSoft Enterprise Learning Management system. The trailer service performs any actions required to finalize the flow. The services must be run in the order header, convert, trailer. Not all initial batch loads require running all three services.

---

To run the batch integrations manually, invoke these services:

Navigation	Services
PSFT_JD Edwards EnterpriseOne_ELM, Financials, InitialBatchLoads, E1_Hardcodes_To_E_Journal_Generator	<ul style="list-style-type: none"> <li>• header_E1_Hardcodes_To_E_Journal_Generator</li> <li>• convert_E1_Hardcodes_To_E_Journal_Generator</li> <li>• trailer_E1_Hardcodes_To_E_Journal_Generator</li> </ul>
PSFT_JD Edwards EnterpriseOne_ELM, Financials, InitialBatchLoads, E1_Company_To_E_GL_Business_Unit	<ul style="list-style-type: none"> <li>• header_E1_Company_To_E_GL_Business_Unit</li> <li>• convert_E1_Company_To_E_GL_Business_Unit</li> <li>• trailer_E1_Company_To_E_GL_Business_Unit</li> </ul>
PSFT_JD Edwards EnterpriseOne_ELM, Financials, InitialBatchLoads, E1_Company_To_E_HR_Business_Unit	<ul style="list-style-type: none"> <li>• header_E1_Company_To_E_HR_Business_Unit</li> <li>• convert_E1_Company_To_E_HR_Business_Unit</li> <li>• trailer_E1_Company_To_E_HR_Business_Unit</li> </ul>
PSFT_JD Edwards EnterpriseOne_ELM, Financials, InitialBatchLoads, E1_To_E_Market_Rate_Type	<ul style="list-style-type: none"> <li>• header_E1_To_E_Market_Rate_Type</li> <li>• convert_E1_To_E_Market_Rate_Type</li> <li>• trailer_E1_To_E_Market_Rate_Type</li> </ul>
PSFT_JD Edwards EnterpriseOne_ELM, Financials, InitialBatchLoads, E1_Hardcodes_To_E_Market_Rate_Index	<ul style="list-style-type: none"> <li>• header_E1_Hardcodes_To_E_Market_Rate_Index</li> <li>• convert_E1_Hardcodes_To_E_Market_Rate_Index</li> <li>• trailer_E1_Hardcodes_To_E_Market_Rate_Index</li> </ul>

Navigation	Services
PSFT_JD Edwards EnterpriseOne_ELM, Financials, InitialBatchLoads, E1_Currency_Rates_To_E_Market_Rates	<ul style="list-style-type: none"> <li>• header_E1_Currency_Rates_To_E_Market_Rates</li> <li>• convert_E1_Currency_Rates_To_E_Market_Rates</li> <li>• trailer_E1_Currency_Rates_To_E_Market_Rates</li> </ul>
PSFT_JD Edwards EnterpriseOne_ELM, Financials, InitialBatchLoads, E1_Currency_Rates_To_E_Market_Rate_Definition	<ul style="list-style-type: none"> <li>• header_E1_Currency_Rates_To_E_Market_Rate_Definition</li> <li>• convert_E1_Currency_Rates_To_E_Market_Rate_Definition</li> <li>• trailer_E1_Currency_Rates_To_E_Market_Rate_Definition</li> </ul>
PSFT_JD Edwards EnterpriseOne_ELM, Financials, InitialBatchLoads, E1_Currency_Rates_To_E_Currency_Quote_Method	<ul style="list-style-type: none"> <li>• header_E1_Currency_Rates_To_E_Currency_Quote_Method</li> <li>• convert_E1_Currency_Rates_To_E_Currency_Quote_Method</li> <li>• trailer_E1_Currency_Rates_To_E_Currency_Quote_Method</li> </ul>
PSFT_JD Edwards EnterpriseOne_ELM, Financials, InitialBatchLoads, E1_Accounts_To_E_Chartfields	<ul style="list-style-type: none"> <li>• header_E1_Accounts_To_E_Chartfields</li> <li>• convert_E1_Accounts_To_E_Chartfields</li> <li>• trailer_E1_Accounts_To_E_Chartfields</li> </ul>
PSFT_JD Edwards EnterpriseOne_ELM, Human_Resources, InitialBatchLoads, E1_Jobcode_To_E_ELMJobcode	<ul style="list-style-type: none"> <li>• header_E1_Jobcodes_To_E_ELMJobcodes</li> <li>• convert_E1_Jobcodes_To_E_ELMJobcodes</li> <li>• trailer_E1_Jobcodes_To_E_ELMJobcodes</li> </ul>
PSFT_JD Edwards EnterpriseOne_ELM, Human_Resources, InitialBatchLoads, E1_Job_In_BU_To_E_Position	<ul style="list-style-type: none"> <li>• header_E1_Job_In_BU_To_E_Position</li> <li>• convert_E1_Job_In_BU_To_E_Position</li> <li>• trailer_E1_Job_In_BU_To_E_Position</li> </ul>
PSFT_JD Edwards EnterpriseOne_ELM, Human_Resources, InitialBatchLoads, E1_Business_Unit_To_E_Department	convert_E1_Business_Unit_To_E_Department
PSFT_JD Edwards EnterpriseOne_ELM, Human_Resources, InitialBatchLoads, E1_Scale_To_E_Rating_Models	<ul style="list-style-type: none"> <li>• header_E1_Scale_To_E_Rating_Models</li> <li>• convert_E1_Scale_To_E_Rating_Models</li> <li>• trailer_E1_Scale_To_E_Rating_Models</li> </ul>
PSFT_JD Edwards EnterpriseOne_ELM, Human_Resources, InitialBatchLoads, E1_To_E_Competency	<ul style="list-style-type: none"> <li>• header_E1_To_E_Competency</li> <li>• convert_E1_To_E_Competency</li> <li>• trailer_E1_To_E_Competency</li> </ul>
PSFT_JD Edwards EnterpriseOne_ELM, Human_Resources, InitialBatchLoads, E1_Comp_Job_Desc_To_E_Role_Comp	<ul style="list-style-type: none"> <li>• header_E1_Comp_Job_Desc_To_E_Role_Comp</li> <li>• convert_E1_Comp_Job_Desc_To_E_Role_Comp</li> <li>• trailer_E1_Comp_Job_Desc_To_E_Role_Comp</li> </ul>



Navigation	Services
PSFT_JD Edwards EnterpriseOne_ELM, Human_Resources, InitialBatchLoads, E1_User_Preference_to_E_LM_User_Profile	convert_E1_User_Preference_To_E_User_Profile  <b>Note.</b> It is not necessary to run a header or trailer service in conjunction with this service. The convert_E1_User_Preference_To_E_User_Profile service is different from other initial batch loads for the Learning Management integration because it actually calls a series of LM_USER_PROFILE messages. One LM_USER_PROFILE message is sent to PeopleSoft Enterprise Learning Management for every user preference record.
PSFT_JD Edwards EnterpriseOne_ELM, Financials, InitialBatchLoads, E1_Address_Book_To_E_Person	convert_E1_Address_Book_To_E_Person  <b>Note.</b> The PERSON_BASIC_FULLSYNC EIP does not require header and trailer components.
PSFT_JD Edwards EnterpriseOne_ELM, Human_Resources, InitialBatchLoads, E1_Employee_Master_To_E_Workforce	convert_E1_Employee_Master_To_E_Workforce  <b>Note.</b> The WORKFORCE_FULLSYNC EIP does not require header and trailer components.
PSFT_JD Edwards EnterpriseOne_ELM, Human_Resources, InitialBatchLoads, E1_Resource_Comp_To_E_Person_Comp	<ul style="list-style-type: none"> <li>• header_E1_Resource_Comp_To_E_Person_Comp</li> <li>• convert_E1_Resource_Comp_To_E_Person_Comp</li> <li>• trailer_E1_Resource_Comp_To_E_Person_Comp</li> </ul>

## See Also

webMethods Integration Server Administrator's Guide 6.1, "Managing Services," Working with Services, Testing Services



## CHAPTER 41

# Using the PeopleSoft Enterprise Learning Management with JD Edwards EnterpriseOne Integration

This chapter discusses how to:

- Send PeopleSoft Enterprise Learning Management data objectives to JD Edwards EnterpriseOne competencies.
- Transmit chargeback data from PeopleSoft Enterprise Learning Management to JD Edwards EnterpriseOne General Accounting.

---

## Sending PeopleSoft Enterprise Learning Management Data Objectives to JD Edwards EnterpriseOne Competencies

This section provides an overview of the objectives to competencies process and discusses how to:

- Run the Inbound Resource Competency Transaction Program (R05100Z1).
- Set processing options for the Inbound Resource Competency Transaction Program (R05100Z1).

### Understanding the Objectives to Competencies Process

Whenever objectives data changes in the PeopleSoft Enterprise Learning Management system, the system sends the LM\_HR\_LRNR\_OBJECTIVES\_SYNC message, which is received by the Integration Server. The Integration Server then inserts the data in the Resource Competencies Unedited Transactions File table (F05100Z1). A JD Edwards EnterpriseOne user runs the Inbound Resource Competency Transaction program (R05100Z1) to validate the data and update the Resource Competencies table (F05100).

## Form Used to Process Competency Data in the JD Edwards EnterpriseOne System

Form Name	FormID	Navigation	Usage
Manage Resource Competencies	W05100ZA	Periodic Processing (G08BELM01), Manage Resource Competencies  Alternatively, use the batch versions search, which you access by entering <i>BV</i> in the Fast Path, and search for R05100Z1.	Edit data in the F05100Z1 table that was not validated properly by the Inbound Resource Competency Transaction program (R05100Z1).

### Running the Inbound Resource Competency Transaction Program (R05100Z1)

Select Periodic Processing (G08BELM01), Update Resource Competencies or access the program using the batch versions search.

### Setting Processing Options for the Inbound Resource Competency Transaction Program (R05100Z1)

Processing options enable you to specify the default processing for programs and reports.

Do not modify JD Edwards EnterpriseOne demo versions, which are identified by ZJDE or XJDE prefixes. Copy these versions or create new versions to change any values, including the version number, version title, prompting options, security, and processing options.

#### Display

##### 1. Display Successfully Processed Records

Enter *1* to print all records. Enter *0* or leave this processing option blank to print only the unsuccessful records.

#### Process

##### 1. Competency Update Event Code

Enter a code from UDC 05/CU to specify the type of user that has access to employee competency information. This code also corresponds to a code that you entered in the Competency Update Event Code field in the Competency Update Events program (P05106).

You use this processing option in conjunction with the Competency Update Events program to control access to the Competency Level field for specific types of users. You set up different versions of the Resource Competency Information program for each type of user. For example, you might define a Competency Update Event Code called Train that you use to represent your organization's training manager. You can use the Competency Update Events program to grant Train the ability to update competency levels for all training competencies. You then set up a version of the Resource Competency Information program for Train.

##### 2. Update Competency Level

Enter *1* to update the competency level in the final table even though the level in the batch file is less than the existing level. Enter *0*, or leave this

processing option blank, if you do not want to update the competency level in the final table when the level in the batch file is less than the existing level. The system prints an error instead.

- |  |  |
|--|--|
| <b>3. Update Expiration Date</b>               | Enter <i>1</i> to update the competency expiration date in the final table even though the expiration date in the batch file predates the existing expiration date. Enter <i>0</i> , or leave this processing option blank, if you do not want to update the competency expiration date in the final table when the expiration date in the batch file predates the existing expiration date. The system prints an error instead. |
| <b>4. Process Mode</b>                         | Enter <i>1</i> to process the batch in final mode; files are updated. Enter <i>0</i> , or leave this processing option blank, to process the batch in proof mode; files are not updated.   |
| <b>5. Purge Successfully Processed Records</b> | Enter <i>1</i> to automatically purge processed transactions from the batch file. Enter <i>0</i> , or leave this processing option blank, if you want processed transactions to be flagged as processed and not be purged from the batch file.   |

---

## Transmitting Chargeback Data from PeopleSoft Enterprise Learning Management to JD Edwards EnterpriseOne General Accounting

This section provides an overview of the chargeback process and discusses how to:

- Run the Journal Entries Batch Processor program (R09110Z).
- Run the General Ledger Post program (R09801).

### Understanding the Chargeback Process

The LM\_ACCTG\_LN Outbound application message is initiated each time you run the Application Engine process that transmits chargeback data to a financials system. This message sends the accounting lines from PeopleSoft Enterprise Learning Management to JD Edwards EnterpriseOne Financials. This message is initiated when you run the Export Accounting Entry to GL Application Engine process (LM\_FI\_GL\_INTFC).

See PeopleSoft Enterprise Learning Management 8.81 Implementation Guide, “Tracking Enrollment and Registration Fees,” Sending Chargeback Data to the General Ledger.

The Integration Server receives the LM\_ACCTG\_LN message and inserts the data in the Journal Entry Batch table (F0911Z1). The Integration Server determines whether the insert was successful and posts LM\_ACCTG\_LN reply message to the PeopleSoft Enterprise system.

A JD Edwards EnterpriseOne user runs the Journal Entries Batch Processor program (R09110Z) to validate the data and update the Account Ledger table (F0911). A JD Edwards EnterpriseOne user then runs the G/L Post program (R09801) to post the F0911 records to the F0902 table.

## Forms Used to Process Chargeback Data in JD Edwards EnterpriseOne General Accounting

Form Name	FormID	Navigation	Usage
Work With Store & Forward Journal Entries	W0911Z1B	Batch Journal Entry Processing (G09311), Journal Entry Revisions	Locate and review records in the Journal Entry Transactions - Batch File table (F0911Z1).
Store & Forward Journal Entry Revisions	W0911Z1A	Locate a record and click Select on the Work With Store & Forward Journal Entries form.	Review and revise detail information for records in the F0911Z1 table.
Work With Journal Entries	W0911I	Journal Entry, Reports, & Inquiries (G0911), Journal Entry	Add, change, or review records in the F0911 table.

### Running the Journal Entries Batch Processor Program (R09110Z)

Select Batch Journal Entry Processing (G09311), Journal Entries Batch Processor.

You should run the Journal Entries Batch Processor program (R09110Z) in proof mode to validate the data that was inserted in the Journal Entry Transactions - Batch File table (F0911Z1). Correct any errors in the F0911Z1 table, and then run the Journal Entries Batch Processor program in final mode.

Use data selection based on a range of batch numbers and the transaction number to process the transactions that originated in the PeopleSoft Enterprise Learning Management system.

See *JD Edwards EnterpriseOne General Accounting 8.12 Implementation Guide*, “Processing Batch Journal Entries,” Uploading Batch Journal Entry.

### Running the General Ledger Post Program (R09801)

Select Journal Entry, Reports, & Inquiries (G0911), General Ledger Post.

If you did not set the processing options on the Journal Entries Batch Processor program (R09110Z) to post journal entries to the Account Balances table (F0902), run the General Ledger Post program (R09801) to post the journal entries.

See *JD Edwards EnterpriseOne General Accounting 8.12 Implementation Guide*, “Processing Journal Entries,” Posting Journal Entries.

## **PART 11**

# **Integrating PeopleSoft Enterprise Inventory with JD Edwards EnterpriseOne Inventory Management**

**Chapter 42**  
**Understanding the Item Master Integration**

**Chapter 43**  
**Setting Up the Item Master Integration**

**Chapter 44**  
**Setting Up Prerequisite Data for the Item Master Integration**

**Chapter 45**  
**Using the Item Master Integration**





## CHAPTER 42

# Understanding the Item Master Integration

This chapter discusses:

- Release levels.
- Business process.
- Item master integration architecture.
- Integration points for the item master integration.
- Field structure comparison between the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.
- Assumptions for implementing the item master integration.

---

## Release Levels

This document supports the integration between JD Edwards EnterpriseOne 8.12 Inventory Management and PeopleSoft Enterprise 8.9 FSCM.

---

## Business Process

The item master integration promotes tight control of inventory items across an organization's branch plants or business units. This approach improves the buying power of the organization and increases the visibility of items used across branch plants.

With the item master integration, you can maintain items at the corporate level using the PeopleSoft Enterprise system, and push that information to branch plants using the JD Edwards EnterpriseOne system.

The major tasks involved in the item master integration are:

- Setting up integration options and code cross-referencing in the JD Edwards EnterpriseOne Web Services Gateway (WSG) soft-coding/cross-reference database.
- Setting up the integration in the PeopleSoft Enterprise database.
- Loading PeopleSoft Enterprise items into JD Edwards EnterpriseOne tables.
- Synchronizing incremental changes in PeopleSoft Enterprise items with the JD Edwards EnterpriseOne system.

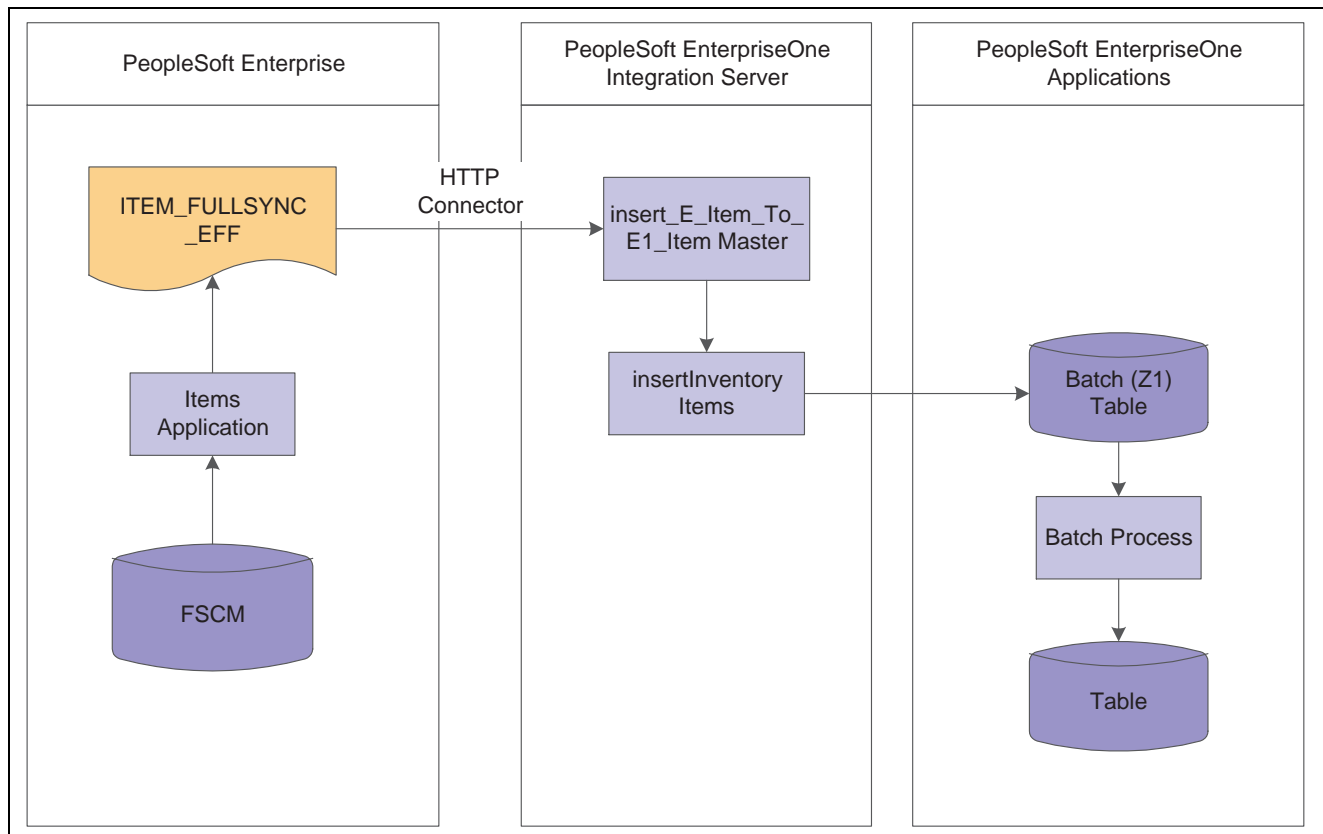
## Item Master Integration Architecture

This section discusses the integration architecture for the:

- Initial load of items.
- Incremental synchronization of items.

### Integration Architecture for the Initial Load of Items

This diagram illustrates the initial load of items from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system:



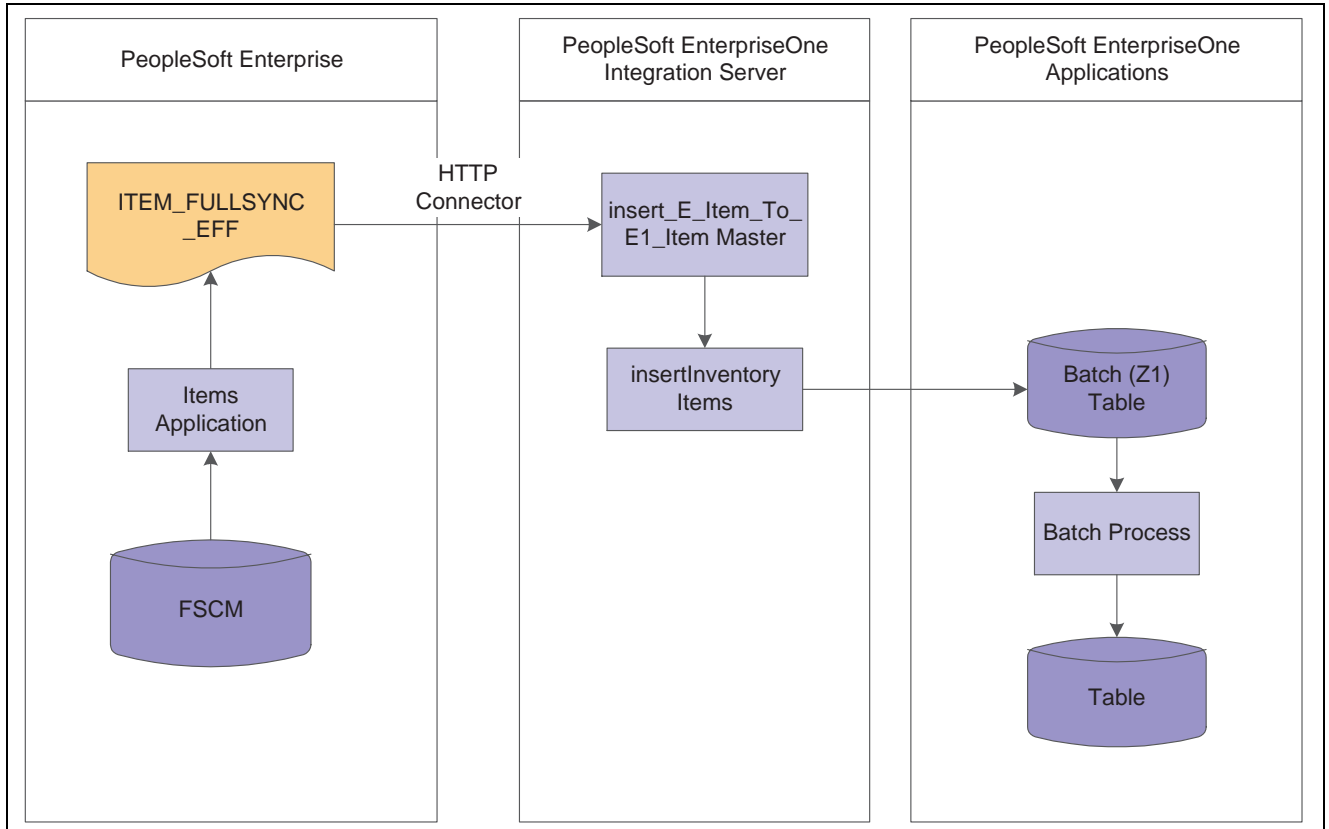
Initial load of items process

The initial load of items from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system consists of these steps:

1. The PeopleSoft Enterprise user publishes full item information using the ITEM\_FULLSYNC\_EFF message.
2. The E\_Item\_To\_E1\_ItemMaster.insert\_E\_Item\_To\_E1\_ItemMaster integration service receives the message and invokes the insertInventoryItems interface flow, which inserts records directly into the F4101 Item Master Unedited Transaction Table (F4101Z1).
3. The JD Edwards EnterpriseOne user runs the Item Master Unedited Transactions Inbound Processor program (R4101Z1I) to move the records from the F4101Z1 table to the Item Master table (F4101).

## Integration Architecture for the Incremental Synchronization of Items

This diagram illustrates the incremental synchronization of items from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system:



Incremental synchronization of items process

The incremental synchronization of items from the PeopleSoft Enterprise system to the JD Edwards EnterpriseOne system consists of these steps:

1. The PeopleSoft Enterprise user activates the ITEM\_SYNC\_EFF message.  
This is a one-time setup step.
2. The PeopleSoft Enterprise system automatically publishes the ITEM\_SYNC\_EFF message when a user adds or changes an item.
3. The E\_Item\_To\_E1\_ItemMaster.process\_E\_Item\_To\_E1\_ItemMaster integration service receives the message and invokes the processInventoryItem interface flow, which inserts the record directly into the Item Master table (F4101).

## Integration Points for the Item Master Integration

This table lists the integration points used in this integration and provides a brief description of each:

PeopleSoft Enterprise Message Name	Integration Flow	JD Edwards EnterpriseOne Interface Flow	Description
ITEM_FULLSYNC_EFF	E_Item_To_E1_ItemMaster: insert_E_Item_To_E1_ItemMaster	insertInventoryItems	The PeopleSoft Enterprise system sends an initial load of items to the JD Edwards EnterpriseOne F4101 Item Master Unedited Transaction Table (F4101Z1).
ITEM_SYNC_EFF	E_Item_To_E1_ItemMaster: process_E_Item_To_E1_ItemMaster	processInventoryItem	The PeopleSoft Enterprise system sends incremental updates of items to the JD Edwards EnterpriseOne Item Master table (F4101).

## Field Structure Comparison Between the PeopleSoft Enterprise System and the JD Edwards EnterpriseOne System

This table summarizes corresponding field structure for items in the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system:

PeopleSoft Enterprise Field	JD Edwards EnterpriseOne Field	Comments
	Item Number - Short (ITM)	The value in this field is generated by Next Numbers when the item record is created in the JD Edwards EnterpriseOne system. No corresponding field exists in the PeopleSoft Enterprise system.
Item ID (INV_ITEM_ID)	2nd Item Number (LITM)	The PeopleSoft Enterprise field is 18 characters and is mapped directly to the 25 character string in the JD Edwards EnterpriseOne system.
Description (DESCR60)	Description - Line 1 (DSC1) and Description - Line 2 (DSC2)	The Description field from the PeopleSoft Enterprise system is parsed and placed into the two JD Edwards EnterpriseOne Description fields. The first 30 characters are placed in the Description - Line 1 field, and the second 30 characters are placed in the Description - Line 2 field.

PeopleSoft Enterprise Field	JD Edwards EnterpriseOne Field	Comments
Standard Unit of Measure (UNIT_MEASURE_STD)	Unit of Measure - Primary (UOM1)	The user must set up a code cross-reference between the PeopleSoft Enterprise codes and the JD Edwards EnterpriseOne codes.
Weight UOM (UNIT_MEASURE_WT)	Unit of Measure - Weight (UWUM)	The user must set up a code cross-reference between the PeopleSoft Enterprise codes and the JD Edwards EnterpriseOne codes.
Volume UOM (UNIT_MEASURE_VOL)	Unit of Measure - Volume (UVM1)	The user must set up a code cross-reference between the PeopleSoft Enterprise codes and the JD Edwards EnterpriseOne codes.
	Category - G/L (GLPT)	This field does not exist in the PeopleSoft Enterprise system. It is populated in the JD Edwards EnterpriseOne system by the value in the G/L Class Code integration option.
Shipping Serial Control (SHIP_SERIAL_CNTRL) Lot Control (LOT_CONTROL)	Layer Code - Source (SRCE)	If the Shipping Serial Control field in the PeopleSoft Enterprise system is set to 1, a value of 4 is mapped to the Layer Code - Source field in the JD Edwards EnterpriseOne system. If the Lot Control field in the PeopleSoft Enterprise system is set to 1, a value of 3 is mapped to the Layer Code - Source field in the JD Edwards EnterpriseOne system. If both of these conditions are met, the Lot Control field in the PeopleSoft Enterprise system takes precedence.
Grade (INV_PROD_GRADE)	Standard Grade (STDG)	The user must set up a code cross-reference between the PeopleSoft Enterprise codes and the JD Edwards EnterpriseOne codes.  <b>Note.</b> This field is included only in the batch load of items.
Inventory Item (INVENTORY_ITEM)	Stocking Type (STKT)	If the value in the PeopleSoft Enterprise field is Y, the value from the Active Item Stocking Type Code integration option is used to populate the JD Edwards EnterpriseOne field.
	Line Type (LNTY)	This field does not exist in the PeopleSoft Enterprise system. It is populated in the JD Edwards EnterpriseOne system by the value in the Line Type Code integration option.

PeopleSoft Enterprise Field	JD Edwards EnterpriseOne Field	Comments
Serial Control (SERIAL_CONTROL)	Serial Number Required (SRNR)	The one-character PeopleSoft Enterprise field maps directly to the one-character JD Edwards EnterpriseOne field.
Shelf Life (Days) (SHELF_LIFE)	Days - Shelf Life Days (SLD)	The PeopleSoft Enterprise field is 4 characters and is mapped directly to the 6- character string in the JD Edwards EnterpriseOne system.

---

## Assumptions for Implementing the Item Master Integration

When you implement the item master integration, you should be aware of these assumptions:

- The PeopleSoft Enterprise system is the system of record for inventory items.
- Item price and item cost information is not integrated; it must be entered manually in the JD Edwards EnterpriseOne system.
- This integration supports only items with a status of *Active* or *Discontinue* in the PeopleSoft Enterprise system.

If you change the status of an item in the PeopleSoft Enterprise system to *Discontinue*, the integration changes the stocking type of the item in the JD Edwards EnterpriseOne system to *U* (Obsolete - Use Up). Changes to other statuses do not produce any changes in the JD Edwards EnterpriseOne system.

## CHAPTER 43

# Setting Up the Item Master Integration

This chapter discusses how to:

- Set up the item master integration in the PeopleSoft Enterprise database.
- Set up the item master integration in the Integration Server.

---

## Setting Up the Item Master Integration in the PeopleSoft Enterprise Database

This section lists prerequisites and discusses how to:

- Activate message channels for the item master integration.
- Activate messages for the item master integration.
- Set up integration transactions for the item master integration.
- Add channels to permissions for the item master integration.
- Activate message subscriptions for the item master integration

### Prerequisites

Before you complete the tasks discussed here to set up the integration environment in the PeopleSoft Enterprise Financials/SCM database:

- Set up the local gateway in the PeopleSoft Enterprise Financials/SCM database.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up the Local Gateway, page 17.](#)

- Activate the PSFT\_E1 message node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Nodes, page 18.](#)

- Identify the properties and provide a designated URL for the PSFT\_E1 node.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Node Definitions, page 18.](#)

### Page Used to Set Up the Item Master Integration in the PeopleSoft Enterprise Database

Access this page in the PeopleSoft Enterprise FSCM database.

Page Name	Object Name	Navigation	Usage
Full Table Publish Rules	EO_MSGPUBFULL	PeopleSoft Enterprise Components, Integration Definitions, Full Data Publish Rules, Full Table Publish Rules	Activate message names.

## Activating Message Channels for the Item Master Integration

Verify that the ITEM\_MAINTENANCE message channel has a message channel status of *Run*.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Channels, page 17.](#)

## Activating Messages for the Item Master Integration

Verify that these messages are active:

- ITEM\_FULLSYNC\_EFF
- ITEM\_SYNC
- ITEM\_SYNC\_EFF

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Messages, page 17.](#)

## Setting Up Integration Transactions for the Item Master Integration

You must activate these nodes and their associated transactions:

Node Name	Transaction Name	Version	Transaction Type	Routing Type
PSFT_E1	ITEM_FULLSYNC_EFF	VERSION_1	OutAsync	Implicit
PSFT_E1	ITEM_SYNC_EFF	VERSION_1	OutAsync	Implicit
PSFT_EP	ITEM_SYNC	VERSION_1	OutAsync	Implicit

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Setting Up Integration Transactions, page 19.](#)

## Adding Channels to Permissions for the Item Master Integration

To send item information from the PeopleSoft Enterprise system, you must set the channel permissions for the ITEM\_MAINTENANCE channel.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Adding Channels to Permissions, page 19.](#)



## Activating Message Subscriptions for the Item Master Integration

Verify that the ItemSync message subscription for the ITEM\_SYNC message is active.

See [Chapter 3, “Setting Up the Integration Environment in the PeopleSoft Enterprise and JD Edwards EnterpriseOne Systems,” Activating Message Subscriptions, page 19.](#)

## Activating the ITEM\_FULLSYNC\_EFF Message for the Item Master Integration

Access the Full Table Publish Rules page.

The screenshot displays the 'Full Table Publish Rules' page. At the top, there are tabs for 'Full Table Publish Rules', 'Record Mapping', and 'Languages'. The 'Full Table Publish Rules' tab is active. Below the tabs, the 'Message Name' is 'ITEM\_FULLSYNC\_EFF' and the 'Description' is 'Item Full Sync Effective Dated'. A 'Publish Rule Definition' section contains several fields: 'Publish Rule ID' (ITEM\_FULLSYNC\_EFF), 'Description' (Item Full Sync Effective Dated), 'Status' (Active), 'Chunking Rule ID' (empty), and 'Alternate Chunk' (empty). Below these fields are two panels: 'Message Options' with three unchecked checkboxes ('Create Message Header', 'Create Message Trailer', 'Create Delay Records') and 'Output Format' with three radio buttons ('Message' is selected, 'Flat File', 'Flat File with Control Record').

Full Table Publish Rules page

The ITEM\_FULLSYNC\_EFF is an integration utility that performs an initial complete load of data. Before you run the FULLSYNC process, you need to activate the message name.

To activate the message name,

1. Fill in the appropriate information under the Publish Rule Definition group box and select *Active* as the status.
2. Clear any message options.

## Setting Up the Item Master Integration in the Integration Server

This section lists a prerequisite and discusses how to set up integration options for the item master integration.

## Prerequisite

Enable the JD Edwards EnterpriseOne Adapter.

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter, page 23.](#)

## Setting Up Integration Options for the Item Master Integration

This table lists integration options used by the E\_Item\_To\_E1\_ItemMaster integration flow:

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_SCM	Active Item Stocking Type Code	<p>Specify the stocking type to be assigned to active items in the JD Edwards EnterpriseOne system.</p> <p>This integration option is used for both the initial load and the incremental synchronization of items.</p> <p>The default value is <i>S</i>.</p>
PSFT_JD Edwards EnterpriseOne_SCM	Discontinued Item Stocking Type Code	<p>Specify the stocking type to be assigned to discontinued items in the JD Edwards EnterpriseOne system.</p> <p>This integration option is used for both the initial load and the incremental synchronization of items.</p> <p>The default value is <i>U</i>.</p>
PSFT_JD Edwards EnterpriseOne_SCM	JD Edwards EnterpriseOne Item Master Version	<p>The version of the Item Master program (P4101) to use when creating or modifying an item record during the incremental synchronization of items. The record is created or modified in the JD Edwards EnterpriseOne system using the processing option settings of the version that you specify.</p> <p>The default value is <i>ZJDE0001</i>.</p>
PSFT_JD Edwards EnterpriseOne_SCM	G/L Class Code	<p>Enter the value used to populate the Category - G/L (GLPT) field in the JD Edwards EnterpriseOne system.</p> <p>This integration option is used for both the initial load and the incremental synchronization of items.</p> <p>This value is an example: <i>IN20</i>.</p>

Navigation	Integration Option	Usage
PSFT_JD Edwards EnterpriseOne_ SCM	Line Type Code	<p>Enter the line type that you use to distinguish stock items in the JD Edwards EnterpriseOne system.</p> <p>This integration option is used for both the initial load and the incremental synchronization of items.</p> <p>The default value is <i>S</i>.</p>
PSFT_JD Edwards EnterpriseOne_ SCM	Set ID	<p>Enter the default setID for item entries.</p> <p>This integration option is used for both the initial load and the incremental synchronization of items.</p> <p>This value is an example: <i>SHARE</i></p>

### See Also

Chapter 4, “Setting Up Integrations in the Integration Server,” Setting Up Integration Options and Cross References, page 24



## CHAPTER 44

# Setting Up Prerequisite Data for the Item Master Integration

This chapter discusses how to set up cross-references for the item master integration.

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## Setting Up Cross-References for the Item Master Integration

This section discusses how to set up code cross-references for the item master integration.

### Setting Up Code Cross-References for the Item Master Integration

You set up code cross-references to enable the system to reconcile the values used in the PeopleSoft Enterprise system and the JD Edwards EnterpriseOne system.

You set up code cross-references in the JD Edwards EnterpriseOne WSG Cross-Reference database using WSG Developer. Specify the PeopleSoft Enterprise value as the Native Code and the JD Edwards EnterpriseOne value as the Canonical Code, for example:

Application ID	Object ID	Native (PeopleSoft Enterprise) Code	Canonical (JD Edwards EnterpriseOne) Code
JD Edwards EnterpriseOne	unitofmeasure	BOX	BX
JD Edwards EnterpriseOne	unitofmeasure	DOZ	DZ
JD Edwards EnterpriseOne	unitofmeasure	EA	EA
JD Edwards EnterpriseOne	unitofmeasure	GAL	GA
JD Edwards EnterpriseOne	unitofmeasure	KG	KG
JD Edwards EnterpriseOne	unitofmeasure	LBS	LB
JD Edwards EnterpriseOne	itemgrade	1	A01
JD Edwards EnterpriseOne	itemgrade	2	A02
JD Edwards EnterpriseOne	itemgrade	3	A03

---

**Note.** This table is intended as an example only and does not contain a comprehensive list of field values.

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# CHAPTER 45

## Using the Item Master Integration

This chapter discusses how to run the initial load of items.

**Note.** The incremental synchronization of items happens automatically when a PeopleSoft Enterprise user adds or changes an item record, as long as the ITEM\_SYNC\_EFF message is active. No special user interaction is required.

### Running the Initial Load of Items

This section discusses how to:

- Instigate the initial load of items in the PeopleSoft Enterprise system.
- Move item records to the Item Master table in the JD Edwards EnterpriseOne system.

### Page Used to Run the Initial Load of Items

Access this page in the PeopleSoft Enterprise Financials/SCM database.

Page Name	Object Name	Navigation	Usage
Full Data Publish	EO_FULLDATAPUB	PeopleSoft Enterprise Components, Integration Definitions, Initiate Processes, Full Data Publish	Create the run control for the Full Data Publish utility to run the full data publish using the ITEM_FULLSYNC_EFF message.

### Instigating the Initial Load of Items in the PeopleSoft Enterprise System

Access the Full Data Publish page.

<b>Request ID</b>	Enter request IDs to group the Description, Process Frequency, and Message Name parameters under one unique process request. A single run control ID can encompass multiple request IDs.
<b>Process Frequency</b>	Select <i>Once</i> .
<b>Message Name</b>	Specify <i>ITEM_FULLSYNC_EFF</i> .

#### See Also

PeopleSoft Enterprise Components for PeopleSoft Enterprise Financial Management Solutions, PeopleSoft Enterprise Service Automation, Asset Lifecycle Management, and Supply Chain Management 8.9 Implementation Guide, Enterprise Integration, “Using the Effective Date Publish Utility”

## Moving Item Records to the Item Master Table in the JD Edwards EnterpriseOne System

Select Inventory Interoperability (G41313), Item Master Inbound Transaction Process.

### See Also

*JD Edwards EnterpriseOne Application Fundamentals Interoperability 8.12 Implementation Guide*,  
“Processing Interoperability for Inventory Management,” Running the Inbound Processing Programs



## **PART 12**

# **Integrating PeopleSoft Enterprise Internal Controls Enforcer with the JD Edwards EnterpriseOne System**

### **Chapter 46**

#### **Understanding the Internal Controls Enforcer Integration**

### **Chapter 47**

#### **Setting up the Internal Controls Enforcer Integration in the Integration Server**



## CHAPTER 46

# Understanding the Internal Controls Enforcer Integration

This chapter discusses:

- Release levels.
- Integration architecture for the Internal Controls Enforcer integration.
- Diagnostics for the Internal Controls Enforcer integration.

### See Also

PeopleSoft Enterprise Internal Controls Enforcer 8.9 Implementation Guide, “Establishing and Maintaining Diagnostics.”

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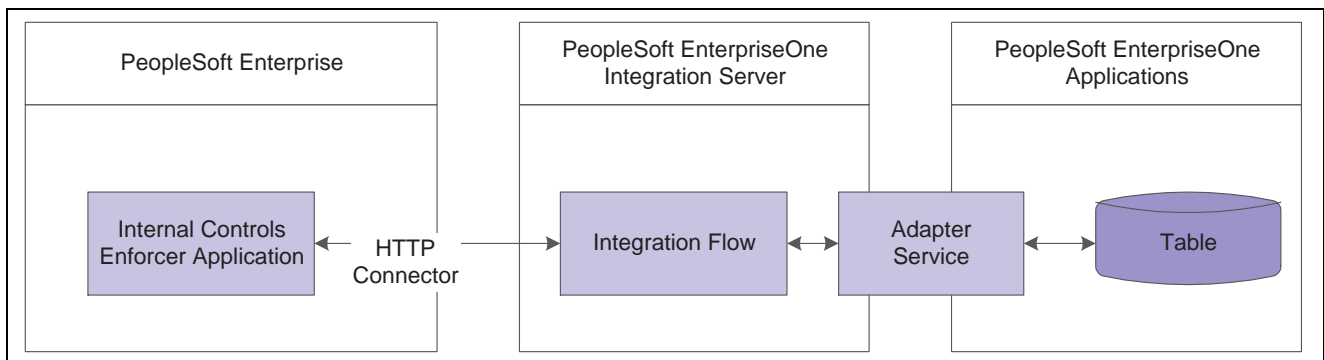
## Release Levels

This document supports the integration between JD Edwards EnterpriseOne 8.12 General Ledger and PeopleSoft Enterprise 8.8 Internal Controls Enforcer.

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## Integration Architecture for the Internal Controls Enforcer Integration

This diagram illustrates the Internal Controls Enforcer integration:



Internal Controls Enforcer integration process

The Internal Controls Enforcer integration process consists of these steps:

1. The Internal Controls Enforcer user runs a diagnostic, which causes the Internal Controls Enforcer to send a HTTP request to the Integration Server.
2. An Integration Flow receives the request and calls an adapter service.
3. The adapter queries the JD Edwards EnterpriseOne database and returns a reply string.
4. The Integration Flow receives the reply and returns it to the Internal Controls Enforcer using HTTP.

## Diagnostics for the Internal Controls Enforcer Integration

This section lists the integration points for the Internal Controls Enforcer integration and discusses these delivered diagnostics:

- Journal Options
- Accounts Receivable Aging Settings
- Credit Limits
- Write Off Audit
- Accounts Payable Match Audit
- Accounts Payable Match Audit Processing Options
- Duplicate Invoice Check
- Duplicate Invoice Check Processing Options
- Get Expense Approval
- Accounts Payable Segregation of Duties

## Integration Points for the Internal Controls Enforcer Integration

This table lists the integration points for the diagnostics that are delivered for the Internal Controls Enforcer integration:

Diagnostic Name	URL to Invoke	Integration Flow/Function ID	Adapter Service
Journal Options	<code>http://server.domain:port /invoke/PSFT_JD Edwards EnterpriseOne_ICE.Diagnostics: getJournalOptions</code>	getJournalOptions	selectJournalGeneralConstants
Accounts Receivable Aging Settings	<code>http://server.domain:port /invoke/PSFT_JD Edwards EnterpriseOne_ICE.Diagnostics: getARagingSettings?FromCompany= xxxxx&amp;ToCompany= yyyyy</code>  <b>Note.</b> The variables xxxxx and yyyyy represent JD Edwards EnterpriseOne company numbers.	getARagingSettings	selectAgingCompanyConstants

Diagnostic Name	URL to Invoke	Integration Flow/Function ID	Adapter Service
Credit Limits	<p><code>http://server.domain:port/invoke/PSFT_JD Edwards EnterpriseOne_ICE.Diagnostics:getCreditLimits?FromCustomer=x&amp;ToCustomer=y</code></p> <p><b>Note.</b> The variables <i>x</i> and <i>y</i> represent JD Edwards EnterpriseOne customer numbers.</p>	getCreditLimits	<p>selectAddressBookAlphaName</p> <p>selectCustomerCreditLimits</p>
Write Off Audit	<code>http://server.domain:port/invoke/PSFT_JD Edwards EnterpriseOne_ICE.Diagnostics:getWriteOffAudit</code>	getWriteOffAudit	<p>selectApplicationVersion</p> <p>getWriteOffProcessingOptions</p>
Accounts Payable Match Audit	<code>http://server.domain:port/invoke/PSFT_JD Edwards EnterpriseOne_ICE.Diagnostics:GetAPMatchAudit</code>	getAPMatchAudit	selectPurchasingToleranceRules
Accounts Payable Match Audit Processing Options	<code>http://server.domain:port/invoke/PSFT_JD Edwards EnterpriseOne_ICE.Diagnostics:getAPMatchAuditPOs</code>	getAPMatchAuditPOs	<p>selectApplicationVersion</p> <p>getAPProcessingOptionsForICE</p>
Duplicate Invoice Check	<code>http://server.domain:port/invoke/PSFT_JD Edwards EnterpriseOne_ICE.Diagnostics:getDupInvoicChk</code>	getDupInvoicChk	selectGeneralConstants
Duplicate Invoice Check Processing Options	<code>http://server.domain:port/invoke/PSFT_JD Edwards EnterpriseOne_ICE.Diagnostics:getDupInvoicChkPOs</code>	getDupInvoicChkPOs	<p>selectApplicationVersion</p> <p>getAPProcessingOptionsforICE</p>
Get Expense Approval	<code>http://server.domain:port/invoke/PSFT_JD Edwards EnterpriseOne_ICE.Diagnostics:getExpenseApproval</code>	getExpenseApproval	selectPolicyEditRules
Accounts Payable Segregation of Duties	<code>http://server.domain:port/invoke/PSFT_JD Edwards EnterpriseOne_ICE.Diagnostics:getAPSegOfDuties</code>	getAPSegOfDuties	selectSecurityWorkbench

**Note.** All of the integration flows listed in this table reside in the PSFT\_JD Edwards EnterpriseOne\_ICE, PSFT\_JD Edwards EnterpriseOne\_ICE, Diagnostics folder on the Integration Server. The adapter services reside in the PSFT\_JD Edwards EnterpriseOne\_AdapterServices, Adapter Services, Database, Financials folder or in the PSFT\_JD Edwards EnterpriseOne\_AdapterServices, AdapterServices, Business Function, Financials folder on the Integration Server.

## Journal Options

This diagnostic returns General Accounting constants from the JD Edwards EnterpriseOne General Constants table (F0009) and Company Constants table (F0010). This diagnostic returns only one row of data because the F0009 table contains only one record. Also, this diagnostic returns company constants for company 00000 only.

### Diagnostic Layout

This table describes the layout of this diagnostic:

Column Name	Source or Value
Batch Control Required	F0009.ICRG
Manager Approval of Input	F0009.IARG
Allow PBCO Postings	F0009.PBCO
Allow Invalid Accounts	F0009.ALIA
Intercompany Settlements	F0009.ICO
Multi-Currency Conversion	F0010.CRYR (for company 00000)
Allow Multi-Currency Intercompany Transactions	F0009.DOT1

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**Note.** The Key value is always *1*.

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## Accounts Receivable Aging Settings

This diagnostic returns Accounts Receivable aging settings from the JD Edwards EnterpriseOne F0010 table.

This diagnostic can process no more than 1000 records from the F0010 table. Use the FromCompany and ToCompany URL parameters to select a range of records.

### Diagnostic Layout

This table describes the layout of this diagnostic:

Column Name	Source or Value
Company	F0010.CO (Key)
Age As Of Date	F0010.DAG
Aging Method	F0010.AGEM
Date Type	F0010.AGE
Aging Days – Current	F0010.CRDY
Aging Days – 1	F0010.AGR1
Aging Days – 2	F0010.AGR2

Column Name	Source or Value
Aging Days – 3	F0010.AGR3
Aging Days – 4	F0010.AGR4
Aging Days – 5	F0010.AGR5
Aging Days – 6	F0010.AGR6
Aging Days – 7	F0010.AGR7

## Credit Limits

This diagnostic returns customer credit limit settings from the JD Edwards EnterpriseOne Customer Master by Line of Business table (F03012).

This diagnostic can process no more than 1000 records from the F03012 table. Use the FromCustomer and ToCustomer URL parameters to select a range of records.

### Diagnostic Layout

This table describes the layout of this diagnostic:

Column Name	Source or Value
Customer Number	F03012.AN8 (Key)
Company	F03012.CO
Credit Limit	F03012.ACL
Recall for Review Date	F03012.RVDJ

## Write Off Audit

This diagnostic returns write-off settings from the processing options of these JD Edwards EnterpriseOne programs:

- Standard Receipts Entry (P03B102)
- Enter Our Drafts/Enter Customer Drafts (P03B602)
- Speed Receipts Entry (P03B0001)
- Invoice Selection Match (R03B50A)
- Known Invoice Match With Amount (R03B50D)
- Known Invoice Match Without Amount (R03B50E)

This diagnostic returns processing options from all versions of these programs. However, the diagnostic can return processing options for no more than 1000 versions. If more than 1000 versions are selected by the query, an error is returned; no data is returned.

### Diagnostic Layout – P03B102

This table describes the layout of this diagnostic for the Standard Receipts Entry (P03B102) program:

Column Name	Source or Value
Program ID	P03B102 (Key)
Version ID	F983051.VERS (Key)
PO Tab1	Auto Write Off
PO Name1	Maximum Underpayment Amount
PO Value1	Value from the Maximum Underpayment Amount processing option
PO Tab2	Auto Write Off
PO Name2	Maximum Overpayment Amount
PO Value2	Value from the Maximum Overpayment Amount processing option
PO Tab3	Mnl Write Off
PO Name3	Maximum Underpayment Amount
PO Value3	Value from the Maximum Underpayment Amount processing option
PO Tab4	Mnl Write Off
PO Name4	Maximum Overpayment Amount
PO Value4	Value from the Maximum Overpayment Amount processing option

### Diagnostic Layout – P03B602

This table describes the layout of this diagnostic for the Enter Our Drafts/Enter Customer Drafts (P03B602) program:

Column Name	Source or Value
Program ID	P03B602 (Key)
Version ID	F983051.VERS (Key)
PO Tab1	Auto Write Off
PO Name1	Maximum Underpayment Amount
PO Value1	Value from the Maximum Underpayment Amount processing option



Column Name	Source or Value
PO Tab2	Auto Write Off
PO Name2	Maximum Overpayment Amount
PO Value2	Value from the Maximum Overpayment Amount processing option
PO Tab3	Mnl Write Off
PO Name3	Maximum Underpayment Amount
PO Value3	Value from the Maximum Underpayment Amount processing option
PO Tab4	Mnl Write Off
PO Name4	Maximum Overpayment Amount
PO Value4	Value from the Maximum Overpayment Amount processing option

### Diagnostic Layout – P03B0001

This table describes the layout of this diagnostic for the Speed Receipts Entry (P03B0001) program:

Column Name	Source or Value
Program ID	P03B0001 (Key)
Version ID	F983051.VERS (Key)
PO Tab1	Auto Write Off
PO Name1	Maximum Underpayment Amount
PO Value1	Value from the Maximum Underpayment Amount processing option
PO Tab2	Auto Write Off
PO Name2	Maximum Overpayment Amount
PO Value2	Value from the Maximum Overpayment Amount processing option
PO Tab3	empty
PO Name3	empty
PO Value3	empty
PO Tab4	empty

Column Name	Source or Value
PO Name4	empty
PO Value4	empty

### Diagnostic Layout – R03B50A

This table describes the layout of this diagnostic for the Invoice Selection Match (R03B50A) program:

Column Name	Source or Value
Program ID	R03B50A (Key)
Version ID	F983051.VERS (Key)
PO Tab1	Matching
PO Name1	Underpaid Tolerance Amount
PO Value1	Value from the Underpaid Tolerance Amount processing option
PO Tab2	Matching
PO Name2	Overpaid Tolerance Amount
PO Value2	Value from the Overpaid Tolerance Amount processing option
PO Tab3	empty
PO Name3	empty
PO Value3	empty
PO Tab4	empty
PO Name4	empty
PO Value4	empty

### Diagnostic Layout – R03B50D

This table describes the layout of this diagnostic for the Known Invoice Match With Amount (R03B50D) program:

Column Name	Source or Value
Program ID	R03B50D (Key)
Version ID	F983051.VERS (Key)
PO Tab1	Apply Invoices

Column Name	Source or Value
PO Name1	Underpaid Tolerance Amount
PO Value1	Value from the Underpaid Tolerance Amount processing option
PO Tab2	Apply Invoices
PO Name2	Overpaid Tolerance Amount
PO Value2	Value from the Overpaid Tolerance Amount processing option
PO Tab3	Apply Receipts
PO Name3	Underpaid Tolerance Amount
PO Value3	Value from the Underpaid Tolerance Amount processing option
PO Tab4	Apply Receipts
PO Name4	Overpaid Tolerance Amount
PO Value4	Value from the Overpaid Tolerance Amount processing option

### Diagnostic Layout – R03B50E

This table describes the layout of this diagnostic for the Known Invoice Match Without Amount (R03B50E) program:

Column Name	Source or Value
Program ID	R03B50E (Key)
Version ID	F983051.VERS (Key)
PO Tab1	Apply Receipts
PO Name1	Underpaid Tolerance Amount
PO Value1	Value from the Underpaid Tolerance Amount processing option
PO Tab2	Apply Receipts
PO Name2	Overpaid Tolerance Amount
PO Value2	Value from the Overpaid Tolerance Amount processing option
PO Tab3	empty

Column Name	Source or Value
PO Name3	empty
PO Value3	empty
PO Tab4	empty
PO Name4	empty
PO Value4	empty

## Accounts Payable Match Audit

This diagnostic returns the purchasing tolerance rule settings that pertain to Accounts Payable matching from the JD Edwards EnterpriseOne Purchasing Tolerance Rules table (F4322). This diagnostic should be used in conjunction with the Accounts Payable Match Audit Processing Options diagnostic.

This diagnostic can return no more than 1000 rows from the F4322 table. If more than 1000 rows are selected by the query, an error is returned; no data is returned.

### Diagnostic Layout

This table describes the layout of this diagnostic:

Column Name	Source or Value
Function Type	F4322.PZFNTY (Key)
Short Item No	F4322.PZITM (Key)
Commodity Class	F4322.PZPRP1 (Key)
Company	F4322.PZCO (Key)
Quantity Tolerance %	F4322.PZRPQT
Quantity Tolerance Units	F4322.PZRUQT
Unit Cost Tolerance %	F4322.PZRPPR
Unit Price Tolerance \$	F4322.PZRUAT
Extended Amount Tolerance %	F4322.PZMPPR
Extended Amount Tolerance \$	F4322.PZMUAT

## Accounts Payable Match Audit Processing Options

This diagnostic returns processing option values that pertain to Accounts Payable matching from the JD Edwards EnterpriseOne Receive by PO program (P4312). This diagnostic should be used in conjunction with the Accounts Payable Match Audit diagnostic.

This diagnostic returns processing options from all versions of the Receive by P.O. program. However, the diagnostic can return processing options for no more than 1000 versions. If more than 1000 versions are selected by the query, an error is returned; no data is returned.

### Diagnostic Layout

This table describes the layout of this diagnostic:

Column Name	Source or Value
Program ID	<i>P4312</i>
Version	Returned from the selectApplicationVersion adapter service.
Tolerance Quantity and Amount	Value from processing option 1 on the Tolerance tab
Tolerance Date	Value from processing option 2 on the Tolerance tab

**Note.** The Key value is *Program ID|Version*.

## Duplicate Invoice Check

This diagnostic returns the duplicate invoice number setting from the JD Edwards EnterpriseOne General Constants table (F0009). This diagnostic returns only one row of data because the F0009 table contains only one record. This diagnostic should be used in conjunction with the Duplicate Invoice Check Processing Options diagnostic.

### Diagnostic Layout

This table describes the layout of this diagnostic:

Column Name	Source or Value
Duplicate Invoice Number Edit	F0009.GCDUIN

**Note.** The Key value is always *I*.

## Duplicate Invoice Check Processing Options

This diagnostic returns processing option values from the JD Edwards EnterpriseOne Recycle Recurring Vouchers program (R048101). This diagnostic should be used in conjunction with the Duplicate Invoice Check diagnostic.

This diagnostic returns processing options from all versions of the Recycle Recurring Vouchers program. However, the diagnostic can return processing options for no more than 1000 versions. If more than 1000 versions are selected by the query, an error is returned; no data is returned.

### Diagnostic Layout

This table describes the layout of this diagnostic:

Column Name	Source or Value
Program ID	<i>R048101</i>
Version	Returned from the selectApplicationVersion adapter service.
Invoice Number Flag	Value from processing option 1 on the Defaults tab

**Note.** The Key value is *Program ID|Version*.

## Get Expense Approval

This diagnostic returns policy edit rules for the JD Edwards EnterpriseOne Expense Management System (EMS) from the Policy Edit Rules table (F09E108).

This diagnostic can return no more than 1000 rows from the F09E108 table. If more than 1000 rows are selected by the query, an error is returned; no data is returned.

### Diagnostic Layout

This table describes the layout of this diagnostic:

Column Name	Source or Value
Policy Name	F09E108.PRPOLICY (Key)
Expense Category	F09E108.PREXPTYPE (Key)
Effective Date	F09E108.PREFTJ (Key)
Expense Report Type	F09E108.PREXRPTTYP (Key)
Location	F09E108.PRLOCATN (Key)
Hard Edit	F09E108.PRHEDIT
Preferred Supplier	F09E108.PRPREFSUP
Receipt Required	F09E108.PRRCTRQD
Daily Allowance	F09E108.PRDLYALLOW
Policy Currency	F09E108.PRPOLCRCY

## Accounts Payable Segregation of Duties

This diagnostic returns Accounts Payable segregation of duties values set up for the JD Edwards EnterpriseOne Accounts Payable system from the Security Workbench Table (F00950). The values returned describe how segregation of duties are defined for Accounts Payable.

This diagnostic can return no more than 1000 rows from the F00950 table. If more than 1000 rows are selected by the query, an error is returned; no data is returned.

## Diagnostic Layout

This table describes the layout of this diagnostic:

Column Name	Source or Value
Security Type	F00950.SETY (Key)
User ID	F00950.USER (Key)
Object Name	F00950.OBNM (Key)
Run Application	F00950.RUN
View	F00950.VWYN
Add	F00950.A
Change	F00950.CHNG
Delete	F00950.DLT
OK/Select Action	F00950.IOK
Copy Action	F00950.ICPY
Update Action	F00950.IUPT

The inputs for the Object Name column are:

1. P04012
2. P0411SV
3. P0411
4. P041017
5. P041016
6. P0411S
7. R04570
8. R04571
9. P0413M





# CHAPTER 47

## Setting up the Internal Controls Enforcer Integration in the Integration Server

This chapter lists a prerequisite and discusses how to set up integration options for the Internal Controls Enforcer integration.

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### Prerequisite

Enable the JD Edwards EnterpriseOne Adapter.

See [Chapter 4, “Setting Up Integrations in the Integration Server,” Enabling the JD Edwards EnterpriseOne Adapter, page 23](#).

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### Setting Up Integration Options for the Internal Controls Enforcer Integration

All of the integration flows for the Internal Controls Enforcer integration use this integration option:

Navigation	Integration Option	Usage
System	E1 Date Pattern	Specify the date pattern that is set up in the JD Edwards EnterpriseOne system (for example, <i>mm/dd/yyyy</i> ).



# Glossary of JD Edwards EnterpriseOne Terms

<b>activity</b>	A scheduling entity in JD Edwards EnterpriseOne tools that represents a designated amount of time on a calendar.
<b>activity rule</b>	The criteria by which an object progresses from one given point to the next in a flow.
<b>add mode</b>	A condition of a form that enables users to input data.
<b>Advanced Planning Agent (APAg)</b>	A JD Edwards EnterpriseOne tool that can be used to extract, transform, and load enterprise data. APAg supports access to data sources in the form of relational databases, flat file format, and other data or message encoding, such as XML.
<b>application server</b>	A server in a local area network that contains applications shared by network clients.
<b>as if processing</b>	A process that enables you to view currency amounts as if they were entered in a currency different from the domestic and foreign currency of the transaction.
<b>alternate currency</b>	<p>A currency that is different from the domestic currency (when dealing with a domestic-only transaction) or the domestic and foreign currency of a transaction.</p> <p>In JD Edwards EnterpriseOne Financial Management, alternate currency processing enables you to enter receipts and payments in a currency other than the one in which they were issued.</p>
<b>as of processing</b>	A process that is run as of a specific point in time to summarize transactions up to that date. For example, you can run various JD Edwards EnterpriseOne reports as of a specific date to determine balances and amounts of accounts, units, and so on as of that date.
<b>back-to-back process</b>	A process in JD Edwards EnterpriseOne Supply Management that contains the same keys that are used in another process.
<b>batch processing</b>	<p>A process of transferring records from a third-party system to JD Edwards EnterpriseOne.</p> <p>In JD Edwards EnterpriseOne Financial Management, batch processing enables you to transfer invoices and vouchers that are entered in a system other than JD Edwards EnterpriseOne to JD Edwards EnterpriseOne Accounts Receivable and JD Edwards EnterpriseOne Accounts Payable, respectively. In addition, you can transfer address book information, including customer and supplier records, to JD Edwards EnterpriseOne.</p>
<b>batch server</b>	A server that is designated for running batch processing requests. A batch server typically does not contain a database nor does it run interactive applications.
<b>batch-of-one immediate</b>	<p>A transaction method that enables a client application to perform work on a client workstation, then submit the work all at once to a server application for further processing. As a batch process is running on the server, the client application can continue performing other tasks.</p> <p>See also direct connect and store-and-forward.</p>
<b>business function</b>	A named set of user-created, reusable business rules and logs that can be called through event rules. Business functions can run a transaction or a subset of a transaction (check inventory, issue work orders, and so on). Business functions also contain the application programming interfaces (APIs) that enable them to be called from a form, a database trigger, or a non-JD Edwards EnterpriseOne application. Business functions can be combined with other business functions, forms, event rules,

and other components to make up an application. Business functions can be created through event rules or third-generation languages, such as C. Examples of business functions include Credit Check and Item Availability.

<b>business function event rule</b>	See named event rule (NER).
<b>business view</b>	A means for selecting specific columns from one or more JD Edwards EnterpriseOne application tables whose data is used in an application or report. A business view does not select specific rows, nor does it contain any actual data. It is strictly a view through which you can manipulate data.
<b>central objects merge</b>	A process that blends a customer's modifications to the objects in a current release with objects in a new release.
<b>central server</b>	A server that has been designated to contain the originally installed version of the software (central objects) for deployment to client computers. In a typical JD Edwards EnterpriseOne installation, the software is loaded on to one machine—the central server. Then, copies of the software are pushed out or downloaded to various workstations attached to it. That way, if the software is altered or corrupted through its use on workstations, an original set of objects (central objects) is always available on the central server.
<b>charts</b>	Tables of information in JD Edwards EnterpriseOne that appear on forms in the software.
<b>connector</b>	Component-based interoperability model that enables third-party applications and JD Edwards EnterpriseOne to share logic and data. The JD Edwards EnterpriseOne connector architecture includes Java and COM connectors.
<b>contra/clearing account</b>	A general ledger account in JD Edwards EnterpriseOne Financial Management that is used by the system to offset (balance) journal entries. For example, you can use a contra/clearing account to balance the entries created by allocations in JD Edwards EnterpriseOne Financial Management.
<b>Control Table Workbench</b>	An application that, during the Installation Workbench processing, runs the batch applications for the planned merges that update the data dictionary, user-defined codes, menus, and user override tables.
<b>control tables merge</b>	A process that blends a customer's modifications to the control tables with the data that accompanies a new release.
<b>cost assignment</b>	The process in JD Edwards EnterpriseOne Advanced Cost Accounting of tracing or allocating resources to activities or cost objects.
<b>cost component</b>	In JD Edwards EnterpriseOne Manufacturing, an element of an item's cost (for example, material, labor, or overhead).
<b>cross segment edit</b>	A logic statement that establishes the relationship between configured item segments. Cross segment edits are used to prevent ordering of configurations that cannot be produced.
<b>currency restatement</b>	The process of converting amounts from one currency into another currency, generally for reporting purposes. You can use the currency restatement process, for example, when many currencies must be restated into a single currency for consolidated reporting.
<b>database server</b>	A server in a local area network that maintains a database and performs searches for client computers.
<b>Data Source Workbench</b>	An application that, during the Installation Workbench process, copies all data sources that are defined in the installation plan from the Data Source Master and Table and Data Source Sizing tables in the Planner data source to the system-release number data source. It also updates the Data Source Plan detail record to reflect completion.

<b>date pattern</b>	A calendar that represents the beginning date for the fiscal year and the ending date for each period in that year in standard and 52-period accounting.
<b>denominated-in currency</b>	The company currency in which financial reports are based.
<b>deployment server</b>	A server that is used to install, maintain, and distribute software to one or more enterprise servers and client workstations.
<b>detail information</b>	Information that relates to individual lines in JD Edwards EnterpriseOne transactions (for example, voucher pay items and sales order detail lines).
<b>direct connect</b>	A transaction method in which a client application communicates interactively and directly with a server application.  See also batch-of-one immediate and store-and-forward.
<b>Do Not Translate (DNT)</b>	A type of data source that must exist on the iSeries because of BLOB restrictions.
<b>dual pricing</b>	The process of providing prices for goods and services in two currencies.
<b>edit code</b>	A code that indicates how a specific value for a report or a form should appear or be formatted. The default edit codes that pertain to reporting require particular attention because they account for a substantial amount of information.
<b>edit mode</b>	A condition of a form that enables users to change data.
<b>edit rule</b>	A method used for formatting and validating user entries against a predefined rule or set of rules.
<b>Electronic Data Interchange (EDI)</b>	An interoperability model that enables paperless computer-to-computer exchange of business transactions between JD Edwards EnterpriseOne and third-party systems. Companies that use EDI must have translator software to convert data from the EDI standard format to the formats of their computer systems.
<b>embedded event rule</b>	An event rule that is specific to a particular table or application. Examples include form-to-form calls, hiding a field based on a processing option value, and calling a business function. Contrast with the business function event rule.
<b>Employee Work Center</b>	A central location for sending and receiving all JD Edwards EnterpriseOne messages (system and user generated), regardless of the originating application or user. Each user has a mailbox that contains workflow and other messages, including Active Messages.
<b>enterprise server</b>	A server that contains the database and the logic for JD Edwards EnterpriseOne.
<b>EnterpriseOne object</b>	A reusable piece of code that is used to build applications. Object types include tables, forms, business functions, data dictionary items, batch processes, business views, event rules, versions, data structures, and media objects.
<b>EnterpriseOne process</b>	A software process that enables JD Edwards EnterpriseOne clients and servers to handle processing requests and run transactions. A client runs one process, and servers can have multiple instances of a process. JD Edwards EnterpriseOne processes can also be dedicated to specific tasks (for example, workflow messages and data replication) to ensure that critical processes don't have to wait if the server is particularly busy.
<b>Environment Workbench</b>	An application that, during the Installation Workbench process, copies the environment information and Object Configuration Manager tables for each environment from the Planner data source to the system-release number data source. It also updates the Environment Plan detail record to reflect completion.
<b>escalation monitor</b>	A batch process that monitors pending requests or activities and restarts or forwards them to the next step or user after they have been inactive for a specified amount of time.

<b>event rule</b>	A logic statement that instructs the system to perform one or more operations based on an activity that can occur in a specific application, such as entering a form or exiting a field.
<b>facility</b>	An entity within a business for which you want to track costs. For example, a facility might be a warehouse location, job, project, work center, or branch/plant. A facility is sometimes referred to as a “business unit.”
<b>fast path</b>	A command prompt that enables the user to move quickly among menus and applications by using specific commands.
<b>file server</b>	A server that stores files to be accessed by other computers on the network. Unlike a disk server, which appears to the user as a remote disk drive, a file server is a sophisticated device that not only stores files, but also manages them and maintains order as network users request files and make changes to these files.
<b>final mode</b>	The report processing mode of a processing mode of a program that updates or creates data records.
<b>FTP server</b>	A server that responds to requests for files via file transfer protocol.
<b>header information</b>	Information at the beginning of a table or form. Header information is used to identify or provide control information for the group of records that follows.
<b>interface table</b>	See Z table.
<b>integration server</b>	A server that facilitates interaction between diverse operating systems and applications across internal and external networked computer systems.
<b>integrity test</b>	A process used to supplement a company’s internal balancing procedures by locating and reporting balancing problems and data inconsistencies.
<b>interoperability model</b>	A method for third-party systems to connect to or access JD Edwards EnterpriseOne.
<b>in-your-face-error</b>	In JD Edwards EnterpriseOne, a form-level property which, when enabled, causes the text of application errors to appear on the form.
<b>IServer service</b>	This internet server service resides on the web server and is used to speed up delivery of the Java class files from the database to the client.
<b>jargon</b>	An alternative data dictionary item description that JD Edwards EnterpriseOne appears based on the product code of the current object.
<b>Java application server</b>	A component-based server that resides in the middle-tier of a server-centric architecture. This server provides middleware services for security and state maintenance, along with data access and persistence.
<b>JDBNET</b>	A database driver that enables heterogeneous servers to access each other’s data.
<b>JDEBASE Database Middleware</b>	A JD Edwards EnterpriseOne proprietary database middleware package that provides platform-independent APIs, along with client-to-server access.
<b>JDECallObject</b>	An API used by business functions to invoke other business functions.
<b>jde.ini</b>	A JD Edwards EnterpriseOne file (or member for iSeries) that provides the runtime settings required for JD Edwards EnterpriseOne initialization. Specific versions of the file or member must reside on every machine running JD Edwards EnterpriseOne. This includes workstations and servers.
<b>JDEIPC</b>	Communications programming tools used by server code to regulate access to the same data in multiprocess environments, communicate and coordinate between processes, and create new processes.

<b>jde.log</b>	The main diagnostic log file of JD Edwards EnterpriseOne. This file is always located in the root directory on the primary drive and contains status and error messages from the startup and operation of JD Edwards EnterpriseOne.
<b>JDENET</b>	A JD Edwards EnterpriseOne proprietary communications middleware package. This package is a peer-to-peer, message-based, socket-based, multiprocess communications middleware solution. It handles client-to-server and server-to-server communications for all JD Edwards EnterpriseOne supported platforms.
<b>Location Workbench</b>	An application that, during the Installation Workbench process, copies all locations that are defined in the installation plan from the Location Master table in the Planner data source to the system data source.
<b>logic server</b>	A server in a distributed network that provides the business logic for an application program. In a typical configuration, pristine objects are replicated on to the logic server from the central server. The logic server, in conjunction with workstations, actually performs the processing required when JD Edwards EnterpriseOne software runs.
<b>MailMerge Workbench</b>	An application that merges Microsoft Word 6.0 (or higher) word-processing documents with JD Edwards EnterpriseOne records to automatically print business documents. You can use MailMerge Workbench to print documents, such as form letters about verification of employment.
<b>master business function (MBF)</b>	An interactive master file that serves as a central location for adding, changing, and updating information in a database. Master business functions pass information between data entry forms and the appropriate tables. These master functions provide a common set of functions that contain all of the necessary default and editing rules for related programs. MBFs contain logic that ensures the integrity of adding, updating, and deleting information from databases.
<b>master table</b>	See published table.
<b>matching document</b>	A document associated with an original document to complete or change a transaction. For example, in JD Edwards EnterpriseOne Financial Management, a receipt is the matching document of an invoice, and a payment is the matching document of a voucher.
<b>media storage object</b>	Files that use one of the following naming conventions that are not organized into table format: Gxxx, xxxGT, or GTxxx.
<b>message center</b>	A central location for sending and receiving all JD Edwards EnterpriseOne messages (system and user generated), regardless of the originating application or user.
<b>messaging adapter</b>	An interoperability model that enables third-party systems to connect to JD Edwards EnterpriseOne to exchange information through the use of messaging queues.
<b>messaging server</b>	A server that handles messages that are sent for use by other programs using a messaging API. Messaging servers typically employ a middleware program to perform their functions.
<b>named event rule (NER)</b>	Encapsulated, reusable business logic created using event rules, rather than C programming. NERs are also called business function event rules. NERs can be reused in multiple places by multiple programs. This modularity lends itself to streamlining, reusability of code, and less work.
<b><i>nota fiscal</i></b>	In Brazil, a legal document that must accompany all commercial transactions for tax purposes and that must contain information required by tax regulations.
<b><i>nota fiscal factura</i></b>	In Brazil, a <i>nota fiscal</i> with invoice information. See also <i>nota fiscal</i> .

<b>Object Configuration Manager (OCM)</b>	In JD Edwards EnterpriseOne, the object request broker and control center for the runtime environment. OCM keeps track of the runtime locations for business functions, data, and batch applications. When one of these objects is called, OCM directs access to it using defaults and overrides for a given environment and user.
<b>Object Librarian</b>	A repository of all versions, applications, and business functions reusable in building applications. Object Librarian provides check-out and check-in capabilities for developers, and it controls the creation, modification, and use of JD Edwards EnterpriseOne objects. Object Librarian supports multiple environments (such as production and development) and enables objects to be easily moved from one environment to another.
<b>Object Librarian merge</b>	A process that blends any modifications to the Object Librarian in a previous release into the Object Librarian in a new release.
<b>Open Data Access (ODA)</b>	An interoperability model that enables you to use SQL statements to extract JD Edwards EnterpriseOne data for summarization and report generation.
<b>Output Stream Access (OSA)</b>	An interoperability model that enables you to set up an interface for JD Edwards EnterpriseOne to pass data to another software package, such as Microsoft Excel, for processing.
<b>package</b>	JD Edwards EnterpriseOne objects are installed to workstations in packages from the deployment server. A package can be compared to a bill of material or kit that indicates the necessary objects for that workstation and where on the deployment server the installation program can find them. It is point-in-time snapshot of the central objects on the deployment server.
<b>package build</b>	<p>A software application that facilitates the deployment of software changes and new applications to existing users. Additionally, in JD Edwards EnterpriseOne, a package build can be a compiled version of the software. When you upgrade your version of the ERP software, for example, you are said to take a package build.</p> <p>Consider the following context: “Also, do not transfer business functions into the production path code until you are ready to deploy, because a global build of business functions done during a package build will automatically include the new functions.” The process of creating a package build is often referred to, as it is in this example, simply as “a package build.”</p>
<b>package location</b>	The directory structure location for the package and its set of replicated objects. This is usually \\deployment server\release\path_code\package\package name. The subdirectories under this path are where the replicated objects for the package are placed. This is also referred to as where the package is built or stored.
<b>Package Workbench</b>	An application that, during the Installation Workbench process, transfers the package information tables from the Planner data source to the system-release number data source. It also updates the Package Plan detail record to reflect completion.
<b>planning family</b>	A means of grouping end items whose similarity of design and manufacture facilitates being planned in aggregate.
<b>preference profile</b>	The ability to define default values for specified fields for a user-defined hierarchy of items, item groups, customers, and customer groups.
<b>print server</b>	The interface between a printer and a network that enables network clients to connect to the printer and send their print jobs to it. A print server can be a computer, separate hardware device, or even hardware that resides inside of the printer itself.
<b>pristine environment</b>	A JD Edwards EnterpriseOne environment used to test unaltered objects with JD Edwards EnterpriseOne demonstration data or for training classes. You must have this environment so that you can compare pristine objects that you modify.



<b>processing option</b>	A data structure that enables users to supply parameters that regulate the running of a batch program or report. For example, you can use processing options to specify default values for certain fields, to determine how information appears or is printed, to specify date ranges, to supply runtime values that regulate program execution, and so on.
<b>production environment</b>	A JD Edwards EnterpriseOne environment in which users operate EnterpriseOne software.
<b>production-grade file server</b>	A file server that has been quality assurance tested and commercialized and that is usually provided in conjunction with user support services.
<b>program temporary fix (PTF)</b>	A representation of changes to JD Edwards EnterpriseOne software that your organization receives on magnetic tapes or disks.
<b>project</b>	In JD Edwards EnterpriseOne, a virtual container for objects being developed in Object Management Workbench.
<b>promotion path</b>	<p>The designated path for advancing objects or projects in a workflow. The following is the normal promotion cycle (path):</p> <p>11&gt;21&gt;26&gt;28&gt;38&gt;01</p> <p>In this path, 11 equals new project pending review, 21 equals programming, 26 equals QA test/review, 28 equals QA test/review complete, 38 equals in production, 01 equals complete. During the normal project promotion cycle, developers check objects out of and into the development path code and then promote them to the prototype path code. The objects are then moved to the productions path code before declaring them complete.</p>
<b>proxy server</b>	A server that acts as a barrier between a workstation and the internet so that the enterprise can ensure security, administrative control, and caching service.
<b>published table</b>	Also called a master table, this is the central copy to be replicated to other machines. Residing on the publisher machine, the F98DRPUB table identifies all of the published tables and their associated publishers in the enterprise.
<b>publisher</b>	The server that is responsible for the published table. The F98DRPUB table identifies all of the published tables and their associated publishers in the enterprise.
<b>pull replication</b>	One of the JD Edwards EnterpriseOne methods for replicating data to individual workstations. Such machines are set up as pull subscribers using JD Edwards EnterpriseOne data replication tools. The only time that pull subscribers are notified of changes, updates, and deletions is when they request such information. The request is in the form of a message that is sent, usually at startup, from the pull subscriber to the server machine that stores the F98DRPCN table.
<b>QBE</b>	An abbreviation for query by example. In JD Edwards EnterpriseOne, the QBE line is the top line on a detail area that is used for filtering data.
<b>real-time event</b>	A service that uses system calls to capture JD Edwards EnterpriseOne transactions as they occur and to provide notification to third-party software, end users, and other JD Edwards EnterpriseOne systems that have requested notification when certain transactions occur.
<b>refresh</b>	A function used to modify JD Edwards EnterpriseOne software, or subset of it, such as a table or business data, so that it functions at a new release or cumulative update level, such as B73.2 or B73.2.1.
<b>replication server</b>	A server that is responsible for replicating central objects to client machines.
<b>quote order</b>	In JD Edwards Procurement and Subcontract Management, a request from a supplier for item and price information from which you can create a purchase order.

	In JD Edwards Sales Order Management, item and price information for a customer who has not yet committed to a sales order.
<b>selection</b>	Found on JD Edwards EnterpriseOne menus, a selection represents functions that you can access from a menu. To make a selection, type the associated number in the Selection field and press Enter.
<b>Server Workbench</b>	An application that, during the Installation Workbench process, copies the server configuration files from the Planner data source to the system-release number data source. It also updates the Server Plan detail record to reflect completion.
<b>spot rate</b>	An exchange rate entered at the transaction level. This rate overrides the exchange rate that is set up between two currencies.
<b>Specification merge</b>	A merge that comprises three merges: Object Librarian merge, Versions List merge, and Central Objects merge. The merges blend customer modifications with data that accompanies a new release.
<b>specification</b>	A complete description of a JD Edwards EnterpriseOne object. Each object has its own specification, or name, which is used to build applications.
<b>Specification Table Merge Workbench</b>	An application that, during the Installation Workbench process, runs the batch applications that update the specification tables.
<b>store-and-forward</b>	The mode of processing that enables users who are disconnected from a server to enter transactions and then later connect to the server to upload those transactions.
<b>subscriber table</b>	Table F98DRSUB, which is stored on the publisher server with the F98DRPUB table and identifies all of the subscriber machines for each published table.
<b>supplemental data</b>	<p>Any type of information that is not maintained in a master file. Supplemental data is usually additional information about employees, applicants, requisitions, and jobs (such as an employee's job skills, degrees, or foreign languages spoken). You can track virtually any type of information that your organization needs.</p> <p>For example, in addition to the data in the standard master tables (the Address Book Master, Customer Master, and Supplier Master tables), you can maintain other kinds of data in separate, generic databases. These generic databases enable a standard approach to entering and maintaining supplemental data across JD Edwards EnterpriseOne systems.</p>
<b>table access management (TAM)</b>	The JD Edwards EnterpriseOne component that handles the storage and retrieval of use-defined data. TAM stores information, such as data dictionary definitions; application and report specifications; event rules; table definitions; business function input parameters and library information; and data structure definitions for running applications, reports, and business functions.
<b>Table Conversion Workbench</b>	An interoperability model that enables the exchange of information between JD Edwards EnterpriseOne and third-party systems using non-JD Edwards EnterpriseOne tables.
<b>table conversion</b>	An interoperability model that enables the exchange of information between JD Edwards EnterpriseOne and third-party systems using non-JD Edwards EnterpriseOne tables.
<b>table event rules</b>	Logic that is attached to database triggers that runs whenever the action specified by the trigger occurs against the table. Although JD Edwards EnterpriseOne enables event rules to be attached to application events, this functionality is application specific. Table event rules provide embedded logic at the table level.
<b>terminal server</b>	A server that enables terminals, microcomputers, and other devices to connect to a network or host computer or to devices attached to that particular computer.

<b>three-tier processing</b>	The task of entering, reviewing and approving, and posting batches of transactions in JD Edwards EnterpriseOne.
<b>three-way voucher match</b>	In JD Edwards Procurement and Subcontract Management, the process of comparing receipt information to supplier's invoices to create vouchers. In a three-way match, you use the receipt records to create vouchers.
<b>transaction processing (TP) monitor</b>	A monitor that controls data transfer between local and remote terminals and the applications that originated them. TP monitors also protect data integrity in the distributed environment and may include programs that validate data and format terminal screens.
<b>transaction set</b>	An electronic business transaction (electronic data interchange standard document) made up of segments.
<b>trigger</b>	One of several events specific to data dictionary items. You can attach logic to a data dictionary item that the system processes automatically when the event occurs.
<b>triggering event</b>	A specific workflow event that requires special action or has defined consequences or resulting actions.
<b>two-way voucher match</b>	In JD Edwards Procurement and Subcontract Management, the process of comparing purchase order detail lines to the suppliers' invoices to create vouchers. You do not record receipt information.
<b>User Overrides merge</b>	Adds new user override records into a customer's user override table.
<b>variance</b>	<p>In JD Edwards Capital Asset Management, the difference between revenue generated by a piece of equipment and costs incurred by the equipment.</p> <p>In JD Edwards EnterpriseOne Project Costing and JD Edwards EnterpriseOne Manufacturing, the difference between two methods of costing the same item (for example, the difference between the frozen standard cost and the current cost is an engineering variance). Frozen standard costs come from the Cost Components table, and the current costs are calculated using the current bill of material, routing, and overhead rates.</p>
<b>Version List merge</b>	The Versions List merge preserves any non-XJDE and non-ZJDE version specifications for objects that are valid in the new release, as well as their processing options data.
<b>visual assist</b>	Forms that can be invoked from a control via a trigger to assist the user in determining what data belongs in the control.
<b>vocabulary override</b>	An alternate description for a data dictionary item that appears on a specific JD Edwards EnterpriseOne form or report.
<b>wchar_t</b>	An internal type of a wide character. It is used for writing portable programs for international markets.
<b>web application server</b>	A web server that enables web applications to exchange data with the back-end systems and databases used in eBusiness transactions.
<b>web server</b>	A server that sends information as requested by a browser, using the TCP/IP set of protocols. A web server can do more than just coordination of requests from browsers; it can do anything a normal server can do, such as house applications or data. Any computer can be turned into a web server by installing server software and connecting the machine to the internet.
<b>Windows terminal server</b>	A multiuser server that enables terminals and minimally configured computers to display Windows applications even if they are not capable of running Windows software themselves. All client processing is performed centrally at the Windows

terminal server and only display, keystroke, and mouse commands are transmitted over the network to the client terminal device.

<b>workbench</b>	A program that enables users to access a group of related programs from a single entry point. Typically, the programs that you access from a workbench are used to complete a large business process. For example, you use the JD Edwards EnterpriseOne Payroll Cycle Workbench (P07210) to access all of the programs that the system uses to process payroll, print payments, create payroll reports, create journal entries, and update payroll history. Examples of JD Edwards EnterpriseOne workbenches include Service Management Workbench (P90CD020), Line Scheduling Workbench (P3153), Planning Workbench (P13700), Auditor's Workbench (P09E115), and Payroll Cycle Workbench.
<b>work day calendar</b>	In JD Edwards EnterpriseOne Manufacturing, a calendar that is used in planning functions that consecutively lists only working days so that component and work order scheduling can be done based on the actual number of work days available. A work day calendar is sometimes referred to as planning calendar, manufacturing calendar, or shop floor calendar.
<b>workflow</b>	The automation of a business process, in whole or in part, during which documents, information, or tasks are passed from one participant to another for action, according to a set of procedural rules.
<b>workgroup server</b>	A server that usually contains subsets of data replicated from a master network server. A workgroup server does not perform application or batch processing.
<b>XAPI events</b>	A service that uses system calls to capture JD Edwards EnterpriseOne transactions as they occur and then calls third-party software, end users, and other JD Edwards EnterpriseOne systems that have requested notification when the specified transactions occur to return a response.
<b>XML CallObject</b>	An interoperability capability that enables you to call business functions.
<b>XML Dispatch</b>	An interoperability capability that provides a single point of entry for all XML documents coming into JD Edwards EnterpriseOne for responses.
<b>XML List</b>	An interoperability capability that enables you to request and receive JD Edwards EnterpriseOne database information in chunks.
<b>XML Service</b>	An interoperability capability that enables you to request events from one JD Edwards EnterpriseOne system and receive a response from another JD Edwards EnterpriseOne system.
<b>XML Transaction</b>	An interoperability capability that enables you to use a predefined transaction type to send information to or request information from JD Edwards EnterpriseOne. XML transaction uses interface table functionality.
<b>XML Transaction Service (XTS)</b>	Transforms an XML document that is not in the JD Edwards EnterpriseOne format into an XML document that can be processed by JD Edwards EnterpriseOne. XTS then transforms the response back to the request originator XML format.
<b>Z event</b>	A service that uses interface table functionality to capture JD Edwards EnterpriseOne transactions and provide notification to third-party software, end users, and other JD Edwards EnterpriseOne systems that have requested to be notified when certain transactions occur.
<b>Z table</b>	A working table where non-JD Edwards EnterpriseOne information can be stored and then processed into JD Edwards EnterpriseOne. Z tables also can be used to retrieve JD Edwards EnterpriseOne data. Z tables are also known as interface tables.
<b>Z transaction</b>	Third-party data that is properly formatted in interface tables for updating to the JD Edwards EnterpriseOne database.

# Index

## A

- Account ChartField
  - increasing size for the eProcurement integration 313
  - increasing size for the Strategic Sourcing integration 251
- account integration
  - integration options for the eProcurement integration 320
  - integration options for the Strategic Sourcing integration 255
- account master batch load
  - for the eProcurement integration 340
  - for the Strategic Sourcing integration 269
- Account Master Batch Load program (R8909F0901)
  - for the eProcurement integration 339
  - for the Learning Management integration 416
  - for the Payroll to General Ledger integration 127
  - for the Strategic Sourcing integration 269
  - processing options 131, 277, 346, 430
- account number batch load 127
- ACCOUNT\_CHARTFIELD\_FULLSYNC message
  - for the Learning Management integration 416
  - for the Payroll to General Ledger integration 127
- ACCOUNT\_CHARTFIELD\_SYNC message
  - for the eProcurement integration 344
  - for the Learning Management integration 423
  - for the Payroll to General Ledger integration 129
  - for the Strategic Sourcing integration 275
- accounting lines, posting for the Payroll to General Ledger integration 135, 136
- accounts incremental synchronization
  - for the eProcurement integration 345

- for the Payroll to General Ledger integration 129
  - for the Strategic Sourcing integration 275
- Accounts Payable Match Audit
  - diagnostic 470
- Accounts Payable Match Audit Processing Options diagnostic 470
- Accounts Payable Segregation of Duties diagnostic 472
- Accounts Receivable Aging Settings
  - diagnostic 464
- adapter listeners, enabling 23
- adapter services
  - described 8
  - for the CRM Marketing integration 208
  - for the CRM Order Capture integration 169
- add order process 197
- add quote process 197
- additional documentation xxvi
- Address Book Master Batch Load program (R8901F0101)
  - for the eProcurement integration 339
  - for the Learning Management integration 417
  - processing options 349, 432
- address book to person integration, integration options 398
- Advanced Configuration page 248, 310
- advanced shipment notice
  - integration architecture 153
  - processing 198
- Analyze Events page 287, 289, 290
- application fundamentals xxv
- Auto Num Install page 315, 317
- autonumbering for purchase orders, setting up 316
- Award Details page 288
- Award Summary page 288

## B

- bank statement process
  - integration architecture 57
  - integration options 75

- integration points for the Treasury integration 61
  - sending bank statements to JD Edwards EnterpriseOne 83
- batch journal entry status integration, integration options 73
- batch load of market rates, integration architecture 54
- Batch Load Outbound Job Descriptions program (R89F080601)
  - described 417
  - processing options 431
- Batch Load Outbound Jobs Within Business Units program (R890800601) 416
- batch loads
  - account balances 41
  - account master 127, 269, 340
  - address book 421
  - bill of materials 273
  - business units 127, 417, 419
  - chartfields 418
  - companies 127, 417
  - competencies 419
  - competency job descriptions 420
  - contacts 188, 223
  - currency quote methods 418
  - currency rates 418
  - customer master 186, 221
  - defined 10
  - departments 419
  - employee master 422
  - employees 105
  - for the CRM Marketing integration 221
  - for the CRM Order Capture integration 185
  - for the eProcurement integration 339
  - for the Learning Management integration 415
  - for the Payroll to General Ledger integration 126
  - for the Strategic Sourcing integration 268
  - for the Treasury integration 78
  - item base price 186
  - item cost 271, 341
  - item master 185, 270, 341, 457
  - item unit of measure 274, 343
  - job codes 419
  - jobs 419
  - journal generator 417
  - market rate definitions 418
  - market rate index 418
  - market rate types 418
  - market rates 54, 78, 418
  - person 421
  - person competencies 422
  - positions 419
  - rating models 419
  - resource competencies 422
  - role competencies 420
  - scales 419
  - ship to 273, 343
  - supplier master 270, 340
  - supplier price 272, 342
  - user profile 344
  - users 420
  - workforce 422
- bidder to vendor and supplier integration, integration options 263
- bidders, creating supplier records for 287, 289
- bill of material (BOM) integration, integration options 261
- bill of materials batch load 273
- Bill of Materials Batch Load program (R8930F3002) 269
- blanket order, awarding for the Strategic Sourcing integration 285, 288
- BOM\_SYNC message 269
- BUS\_UNIT\_GL\_SYNC 129
- BUS\_UNIT\_GL\_FULLSYNC message
  - for the Learning Management integration 416
  - for the Payroll to GL integration 126
- BUS\_UNIT\_GL\_SYNC message 423
- BUS\_UNIT\_HR\_FULLSYNC message 416
- BUS\_UNIT\_HR\_SYNC message 423
- Business Unit Batch Load program (R8900F0006)
  - for the Learning Management integration 416
  - for the Payroll to General Ledger integration 127
  - processing options 130, 431
- Business Unit Definition page 248, 252
- business unit incremental synchronization 129
- business unit integration options, setting up for the eProcurement integration 315

buy event integration architecture 238

## C

calendars for the General Ledger  
integration 36

cash position worksheet (CPW)  
integration architecture 58  
retrieving JD Edwards EnterpriseOne  
data 83  
setting up 67

channel permissions  
adding 19  
setting up for the eProcurement  
integration 312  
setting up for the Item Master  
integration 450  
setting up for the Learning Management  
integration 390  
setting up for the Strategic Sourcing  
integration 250  
setting up for the Treasury  
integration 67

Channel Status page 17, 92

chargeback process  
integration architecture 369  
overview 439

ChartField configuration 36

chartfield mapping rules, defining in the  
PeopleSoft Enterprise system 47

ChartField Mapping Set page 48

chartfield mapping sets, creating in the  
PeopleSoft Enterprise system 48

ChartField Value Mapping page 47

code cross-references  
for the CRM Marketing integration 228  
for the CRM Order Capture  
integration 195  
for the eProcurement integration 354  
for the HRMS to Address Book  
integration 101  
for the Item Master integration 455  
for the Learning Management  
integration 412  
for the payroll to General Ledger  
integration 125  
for the Strategic Sourcing  
integration 284

comments, submitting xxx

common fields xxx

company integration, integration  
options 171, 210

Company Manage Notify Initial Load  
program (R0010IL)  
for the Learning Management  
integration 416

for the Payroll to General Ledger  
integration 126

Competencies Batch Load program  
(R89F05104) 417

COMPETENCY\_FULLSYNC1  
message 417

COMPETENCY\_SYNC1 message 424

connection management properties  
JD Edwards EnterpriseOne Adapter 27  
JDBC Adapter 26  
PSFT\_CRM\_  
JDBCAdapterServices 169,  
208

Connectors page 16, 18

consolidation ledger, importing ledger  
to 49

contact information xxx

contact integration, integration  
options 176, 215

CONTACT\_FULLSYNC\_EFF message  
for the CRM Marketing integration 221  
for the CRM Order Capture  
integration 185

CONTACT\_SYNC message  
for the CRM Marketing integration 224  
for the CRM Order Capture  
integration 189

contacts batch load  
for the CRM Marketing integration 223  
for the CRM Order Capture  
integration 188

Contacts Batch Load program  
(R8901F0111)  
for the CRM Marketing integration 221  
for the CRM Order Capture  
integration 185

processing options 191, 225

convert\_E1\_Contact\_To\_E\_Contact  
integration service 192, 225

convert\_E1\_Customer\_To\_E\_Company\_  
And\_Site integration service 192, 225

convert\_ItemMaster\_To\_ItemProduct  
integration service 192

- convert\_List\_Price\_To\_Product\_Price
  - integration service 192
- cost center incremental
  - synchronization 129
- COST\_CENTER\_FULLSYNC
  - message 127
- COST\_CENTER\_SYNC message 129
- CPW, *See* cash position worksheet (CPW)
- Credit Limits diagnostic 465
- CRM Marketing integration 201
- CRM Order Capture integration 149
- cross-references xxix
  - described 21
  - setting up 455
  - setting up for the CRM Marketing integration 226
  - setting up for the CRM Order Capture integration 192
  - setting up for the eProcurement integration 350
  - setting up for the Item Master integration 455
  - setting up for the Learning Management integration 410
  - setting up for the Strategic Sourcing integration 281
- CSV file, for leads 232
- CURR\_QUOTE\_MTHD\_FULLSYNC
  - message 416
- CURR\_QUOTE\_MTHD\_SYNC
  - message 423
- currency code cross references,
  - for the Payroll to General Ledger integration 125
- Currency Exchange Batch Upload program (R8900F0015)
  - described 416
  - processing options 80, 432
  - role in integration 79
- currency exchange rates, retrieving
  - for the Payroll to General Ledger integration 136
- currency rates integration point, integration
  - options 70
- currency rates to market rates integration
  - points, integration options 400
- currency requirements for the General Ledger integration 37
- current market rate type, adding for the Learning Management integration 408
- CUST\_COMPANY\_FULLSYNC
  - message 185, 221
- CUST\_COMPANY\_SYNC message
  - for the CRM Marketing integration 223
  - for the CRM Order Capture integration 188
- CUST\_SITE\_FULLSYNC message
  - for the CRM Marketing integration 221
  - for the CRM Order Capture integration 185
- CUST\_SITE\_SYNC message
  - for the CRM Marketing integration 223
  - for the CRM Order Capture integration 188
- Customer Connection website xxvi
- customer integration, integration
  - options 171, 210
- customer master batch load
  - for the CRM Marketing integration 221
  - for the CRM Order Capture integration 186
- Customer Master Batch Load program (R8903F0301)
  - for the CRM Marketing integration 221
  - for the CRM Order Capture integration 185
  - processing options 191, 224
- customer messages
  - setting up for the CRM Marketing integration 207
  - setting up for the CRM Order Capture integration 165

## D

- data
  - loading for the CRM Marketing integration 220
  - loading for the CRM Order Capture integration 184
  - loading for the eProcurement integration 338
  - loading for the Learning Management integration 414
  - loading for the Payroll to General Ledger integration 126
  - loading for the Strategic Sourcing integration 268
- date format, setting up for the Learning Management integration 406



- diagnostics for the Internal Controls
  - Enforcer integration 462
- documentation
  - printed xxvi
  - related xxvi
  - updates xxvi
- Duplicate Invoice Check diagnostic 471
- Duplicate Invoice Check Processing
  - Options diagnostic 471

## E

- E\_Company\_To\_E1\_Customer flow
  - for the CRM Marketing integration 223
  - for the CRM Order Capture
    - integration 188
    - integration options 171, 210
- E\_Contact\_To\_E1\_Contact flow
  - for the CRM Marketing integration 224
  - for the CRM Order Capture
    - integration 189
    - integration options 176, 215
- E\_Employee\_To\_E1\_Employee flow
  - integration options 97
  - role in integration 88
- E\_GlobalPayroll\_To\_E1\_BatchJournalEntry flow
  - integration options 123
  - role in integration 112
- E\_Item\_To\_E1\_ItemMaster flow
  - integration options 452
  - role in integration 444
- E\_MarketRate\_To\_E1\_ExchangeRate flow,
  - integration options 121
- E\_NorthAmericanPayroll\_To\_E1\_BatchJournalEntry flow
  - integration options 122
  - role in integration 112
- E\_Objective\_To\_E1\_Competency flow
  - integration options 402
  - role in integration 369
- E\_PO\_To\_E1\_PO flow
  - integration options 327
  - role in integration 295
- E\_PODispatch\_To\_E1\_POStatus flow
  - integration options 328
  - role in integration 297, 361
- E\_PORecceipt\_To\_E1\_PORecceipt flow
  - integration options 330
  - role in integration 299
- E\_SalesOrder\_To\_E1\_SalesOrder flow
  - integration options 181
  - role in integration 151
- E\_SalesQuote\_To\_E1\_SalesQuote flow
  - integration options 181
  - role in integration 152
- E\_Site\_To\_E1\_Customer flow
  - for the CRM Marketing integration 224
  - for the CRM Order Capture
    - integration 189
    - integration options 171, 210
- E\_Sourcing\_To\_E1\_PurchaseOrder flow
  - integration options 262
  - role in integration 285
- E\_Subledger\_to\_E1\_Account\_Ledger flow
  - integration options 403
  - role in integration 370
- E\_TierPricing\_To\_E1\_Pricing flow
  - integration options 263
  - role in integration 240
- E\_Treasury\_To\_E1\_BankStatementStaging flow
  - integration options 75
  - role in integration 58
- E\_Treasury\_To\_E1\_GeneralLedger flow
  - integration options 72
  - role in integration 56
- E\_Vendor\_To\_E1\_Supplier flow
  - integration options 263
  - role in integration 241
- E1\_Account\_To\_E\_Account
  - integration options 320
- E1\_Account\_To\_E\_Account flow
  - for the Strategic Sourcing
    - integration 275
- E1\_Account\_To\_E\_Account flow,
  - integration options 255
- E1\_Account\_To\_E\_SRM\_Account flow
  - for the eProcurement integration 339
  - for the Strategic Sourcing
    - integration 269
  - integration options 255, 320
  - running 280, 350
- E1\_Accounts\_To\_E\_Chartfields flow
  - batch load 418
  - incremental synchronization 424
  - running 434
- E1\_Address\_Book\_To\_E\_LM\_User\_Profile flow 424
- E1\_Address\_Book\_To\_E\_Person flow
  - batch load 421

- incremental synchronization 425
- integration options 398
- running 435
- E1\_AddressBookRTE\_To\_E\_LocationSync flow, integration options 325
- E1\_AddressBookRTE\_To\_E\_ShipToLocation flow
  - for the eProcurement integration 344
  - for the Strategic Sourcing integration 275
  - integration options 260, 325
- E1\_BatchJESStatus\_To\_E\_AccountingHeaderStatus flow, integration options 73
- E1\_BillOfMaterials\_To\_E\_BOM flow
  - described 269
  - integration options 261
  - running 280
- E1\_Business\_Unit\_To\_E\_Department flow
  - batch load 419
  - incremental synchronization 426
  - running 434
- E1\_BusinessUnit\_To\_E\_CostCenter flow
  - described 127, 129
  - integration options 120
- E1\_Comp\_Job\_Desc\_To\_E\_Role\_Comp flow
  - batch load 420
  - incremental synchronization 426
  - running 434
- E1\_Company\_To\_E\_BusinessUnit flow
  - described 126, 129
  - integration options 119
- E1\_Company\_To\_E\_GL\_Business\_Unit flow
  - batch load 417
  - incremental synchronization 427
  - running 433
- E1\_Company\_To\_E\_HR\_Business\_Unit flow
  - batch load 417
  - incremental synchronization 427
  - running 433
- E1\_Contact\_To\_E\_Contact flow
  - for the CRM Marketing integration 221
  - for the CRM Order Capture integration 185
  - integration options 176, 215
- E1\_Currency\_Rates\_To\_E\_Currency\_Quote\_Method flow
  - batch load 418
  - incremental synchronization 427
  - running 434
- E1\_Currency\_Rates\_To\_E\_Market\_Rate\_Definition flow
  - batch load 418
  - incremental synchronization 427
  - running 434
- E1\_Currency\_Rates\_To\_E\_Market\_Rates flow
  - batch load 418
  - for the Treasury integration 79
  - incremental synchronization 427
  - integration options 70, 400
  - running 80, 434
- E1\_Customer\_To\_E\_Company flow
  - for the CRM Marketing integration 223
  - for the CRM Order Capture integration 188
  - integration options 171, 210
- E1\_Customer\_To\_E\_Company\_and\_Site flow
  - for the CRM Marketing integration 221
  - for the CRM Order Capture integration 185
- E1\_Customer\_To\_E\_Company\_And\_Site flow
  - integration options 171, 210
- E1\_Customer\_To\_E\_Site flow
  - for the CRM Marketing integration 223
  - for the CRM Order Capture integration 188
  - integration options 171, 210
- E1\_Employee\_Master\_To\_E\_Workforce flow
  - batch load 422
  - incremental synchronization 427
  - running 435
- E1\_GLAccount\_To\_E\_Account flow
  - described 127
  - for the eProcurement integration 344
  - for the Payroll to General Ledger integration 129
  - integration options 120
- E1\_GLAcctBalances\_To\_E\_GLLEDGER flow 44
- E1\_GLAcctBalances\_To\_E\_GLLedger flow, integration options 40

- E1\_Hardcodes\_To\_E\_Journal\_Generator flow
  - batch load 417
  - integration options 400
  - running 433
- E1\_Hardcodes\_To\_E\_Market\_Rate\_Index flow
  - batch load 418
  - running 433
- E1\_Item\_To\_E\_Item\_Product flow
  - described 185
  - for the CRM Order Capture
    - integration 189
  - integration options 178
- E1\_ItemCost\_To\_E\_Item flow
  - for the eProcurement integration 339, 345
  - for the Strategic Sourcing
    - integration 269, 275
  - integration options 259, 323
  - running 280, 350
- E1\_ItemMaster\_To\_E\_Item flow
  - batch load for the eProcurement
    - integration 339
  - batch load for the Strategic Sourcing
    - integration 269
  - incremental synchronization for the eProcurement integration 345
  - incremental synchronization for the Strategic Sourcing integration 275
  - integration options 257, 322
  - running 280, 350
- E1\_ItemUOM\_To\_E\_ItemUOM flow 269
  - for the eProcurement integration 339
  - for the Strategic Sourcing
    - integration 275
  - integration options 258
  - running 280, 350
- E1\_JEPostStatus\_To\_E\_AccountingHeaderStatus flow, integration options 74
- E1\_Job\_In\_BU\_To\_E\_Position flow
  - batch load 419
  - incremental synchronization 428
  - running 434
- E1\_Jobcodes\_To\_E\_ELMJobcodes flow
  - batch load 419
  - integration options 401
  - running 434
- E1\_List\_Price\_To\_E\_Product flow
  - described 185, 189
  - integration options 178
- E1\_OrderStatus\_To\_E\_OrderStatus flow, integration options 181
- E1\_POClose\_To\_E\_POStatus flow, integration options 332
- E1\_PODispatch\_To\_E\_POStatus flow, integration options 329
- E1\_POHoldStatus\_To\_E\_POStatusUpdate flow, integration options 328
- E1\_PORceipt\_To\_E\_PORceipt flow, integration options 331
- E1\_Resource\_Comp\_To\_E\_Person\_Comp flow
  - batch load 422
  - incremental synchronization 428
  - running 435
- E1\_Scale\_To\_E\_Rating\_Models flow
  - batch load 419
  - incremental synchronization 428
  - running 434
- E1\_ShipTo\_To\_E\_ShipToLocation flow
  - for the eProcurement integration 339
  - for the Strategic Sourcing
    - integration 269
  - integration options 260, 325
  - running 280, 350
- E1\_ShipToRTE\_To\_E\_ShipToLocation flow
  - for the eProcurement integration 345
  - for the Strategic Sourcing
    - integration 275
  - integration options 260, 325
- E1\_Supplier\_To\_E\_Vendor flow
  - batch load for the eProcurement
    - integration 339
  - batch load for the Strategic Sourcing
    - integration 269
  - incremental synchronization for the eProcurement integration 344
  - incremental synchronization for the Strategic Sourcing integration 275
  - integration options 256, 321
  - running 280, 350
- E1\_SupplierItemCost\_To\_E\_SRM\_ItemPriceList flow
  - described 269
  - integration options 260, 324
  - running 280, 350

- E1\_To\_E\_Competency flow
    - batch load 419
    - incremental synchronization 428
    - running 434
  - E1\_To\_E\_Jobcode flow 424, 428
  - E1\_To\_E\_Market\_Rate\_Type flow
    - batch load 418
    - running 433
  - E1\_User\_Preference\_to\_E\_LM\_User\_Profile flow
    - batch load 420
    - incremental synchronization 429
    - integration options 401
    - running 435
  - E1\_UserProfile\_To\_E\_SRM\_Requester flow
    - for the eProcurement integration 339
    - integration options 326
    - running 350
  - Edit Connection page
    - JD Edwards EnterpriseOne Adapter 27
    - JDBC Adapter 26
  - Employee Master Batch Load program (R89F060116) 417
  - eProcurement Business Unit Options
    - page 315, 316
  - eProcurement business unit options, setting up 315
  - eProcurement integration 293
  - errors in payroll transaction data 143
  - events, awarding for the Strategic Sourcing integration 287
  - export folder 7, 20
  - external integration, setting up for the Strategic Sourcing integration 252
  - External PO Integration option, Business Unit Definition page 252
  - external source code, setting up 409
  - External Source Setup page 408
  - external system roles, setting up 406
  - Extract Branch/Plant ShipTos program (R89F41001) 269
- F**
- f0006batchload.txt flat file 127, 416
  - f0010xpi.txt flat file 126, 416
  - F0015 Exchange Rate Upload.txt flat file 79, 416
  - f0101batchload.txt flat file 339, 417
  - f0111batchload.txt flat file 185, 221
  - f03012batchload.txt flat file 185, 221
  - f0401batchload.txt flat file 269, 339
  - F05100\_OUT.txt flat file 417
  - F05100Z1 table 437
  - F05103\_OUT.txt flat file 417
  - F05104\_OUT.txt flat file 417
  - F060116\_OUT.txt flat file 417
  - F08001\_OUT.txt flat file 416
  - F0800601\_OUT.txt flat file 416
  - F0901\_OUT.txt file, structure 41
  - f0901batchload.txt flat file 127, 269, 339, 416
  - F0902 Export to Text File program (R89F0902) 41
  - F0911Z1 table
    - correcting errors in 144
    - loading for the Learning Management integration 439
    - loading for the Payroll to General Ledger integration 137
    - loading for the Treasury integration 82
    - purging 145
  - F3002BatchLoad.txt flat file 269
  - F41002BatchLoad.txt flat file 269, 339
  - f4101batchload.txt flat file 185, 269, 339
  - f4105batchload.txt flat file 269, 339
  - f41061batchload.txt flat file 269, 339
  - f4106batchload.txt flat file 185
  - field lengths for the General Ledger integration 36
  - flat file import process (GL\_LED\_IMPORT) 45
  - Flat File Ledger Import Request page 46
  - flat files
    - described 7
    - unicode encoding 20
  - flows
    - integration, *See* integration flows
    - interface 9
  - FMSE1 SetID, adding 408
  - fulfillment node, setting up for the CRM Order Capture integration 165
  - Full Data Publish page 457
  - Full Table Publish Rules page 92, 450
  - FULLSYNC integration, executing for the HRMS to Address Book integration 105
  - FULLSYNC message, activating for the HRMS to Address Book integration 93, 451

**G**

- gateway, local 17
- Gateways page 16
- general ledger balances, exporting to the PeopleSoft Enterprise system 41
- General Ledger integration 31
- General Ledger Post program (R09801) 440
- Generate Outbound Account Balances program (R89F0902)
  - processing options 43
  - running 44
- Get Expense Approval diagnostic 472
- get item availability process 154
- Get\_E1\_Item\_Availability flow, integration options 180
- GL\_LED\_IMPORT process 45

**H**

- hardcodes to journal generator integration point, integration options 400
- Header Status Mappings page 162
- hold status update integration point, integration options 328
- HRCOMP external source code, setting up for the Learning Management integration 409
- HRMS to Address Book integration 87

**I**

- implementation guides
  - ordering xxvi
- import of currency exchange rates 110
- imported ledger, converting 49
- Inbound Resource Competency Transaction program (R05100Z1)
  - described 437
  - processing options 438
- incremental synchronization of items, for the Item Master integration 445
- incremental synchronization of market rates, integration architecture 55
- incremental synchronizations
  - defined 11
  - for the CRM Marketing integration 203, 223
  - for the CRM Order Capture integration 156, 188

- for the eProcurement integration 303, 344
- for the Learning Management integration 377, 422
- for the Payroll to General Ledger integration 129
- for the Strategic Sourcing integration 243, 274
- for the Treasury integration 79
- process 12
- initial data loads
  - for the CRM Marketing integration 221
  - for the CRM Order Capture integration 185
  - for the eProcurement integration 339
  - for the Learning Management integration 415
  - for the Payroll to General Ledger integration 126
  - for the Strategic Sourcing integration 268
  - for the Treasury integration 78
  - steps 10
- initial load of items
  - instigating in the PeopleSoft Enterprise system 457
  - integration architecture 444
  - running 457
- installation options
  - activating for the Treasury integration 65
- Installation Options page 64
- integration architecture
  - for integrations 15
  - for the CRM Order Capture integration 150
  - for the eProcurement integration 294
  - for the General Ledger integration 32
  - for the HRMS to Address Book integration 88
  - for the Internal Controls Enforcer integration 461
  - for the Item Master integration 444
  - for the Learning Management integration 368
  - for the Payroll to General Ledger integration 110
  - for the Strategic Sourcing integration 238
  - for the Treasury integration 54

- Integration Definitions page 162, 166
- integration flows
  - defined 9
  - for the CRM Marketing integration 202
  - for the CRM Order Capture integration 155
  - for the eProcurement integration 301
  - for the General Ledger integration 41
  - for the Internal Controls Enforcer integration 462
  - for the Item Master integration 445
  - for the Learning Management integration 371
  - for the Payroll to General Ledger integration 112
  - for the Strategic Sourcing integration 241
  - for the Treasury integration 60
- integration node, setting up for the Strategic Sourcing integration 252
- integration options
  - described 21
  - for the CRM Marketing integration 209
  - for the CRM Order Capture integration 169
  - for the eProcurement integration 318
  - for the General Ledger integration 40
  - for the HRMS to Address Book integration 97
  - for the Internal Controls Enforcer integration 475
  - for the Item Master integration 452
  - for the Learning Management integration 395
  - for the Payroll to General Ledger integration 118
  - for the Strategic Sourcing integration 254
  - for the Treasury integration 70
- integration points
  - described 9
  - for the CRM Marketing integration 202
  - for the CRM Order Capture integration 155
  - for the eProcurement integration 301
  - for the Internal Controls Enforcer integration 462
  - for the Item Master integration 445
  - for the Learning Management integration 371
  - for the Payroll to General Ledger integration 112
  - for the Strategic Sourcing integration 241
  - for the Treasury integration 60
- Integration Server
  - dependent packages 22
  - memory size 28
  - setting up 21
- integration transactions
  - setting up 19
  - setting up for the CRM Marketing integration 206
  - setting up for the CRM Order Capture integration 163
  - setting up for the eProcurement integration 311
  - setting up for the HRMS to Address Book integration 92
  - setting up for the Item Master integration 450
  - setting up for the Learning Management integration 388
  - setting up for the Strategic Sourcing integration 249
  - setting up for the Treasury integration 65
- integrations
  - installing 13
  - setting up in JD Edwards EnterpriseOne 20
- interface flows 9
- Internal Controls Enforcer integration 461
- item availability checking 197
- item base price batch load 186
- Item Base Price Batch Load program (R8945F4106)
  - described 185
  - processing options 190
- item cost batch load
  - for the eProcurement integration 341
  - for the Strategic Sourcing integration 271
- Item Cost Batch Load program (R8941F4105)
  - for the eProcurement integration 339
  - for the Strategic Sourcing integration 269
  - processing options 278, 348

- item cost integration, integration
  - options 259, 323
- item integration, integration options 178, 257, 322
- item master batch load
  - for the CRM Order Capture integration 185
  - for the eProcurement integration 341
  - for the Strategic Sourcing integration 270
- Item Master Batch Load program (R8941F4101)
  - for the CRM Order Capture integration 185
  - for the eProcurement integration 339
  - for the Strategic Sourcing integration 269
  - processing options 190, 278, 347
- Item Master integration 443
- item master records, processing in the JD Edwards EnterpriseOne system for the Item Master integration 458
- item price list integration, integration options 260
- item unit of measure batch load
  - for the eProcurement integration 343
  - for the Strategic Sourcing integration 274
- item unit of measure integration, integration options 258
- ITEM\_CRM\_FULLSYNC\_EFF message 185
- ITEM\_CRM\_SYNC\_EFF message 189
- ITEM\_PRICELIST\_LOAD message 269, 339
- ITEM\_SYNC message
  - batch loads for the eProcurement integration 339
  - batch loads for the Strategic Sourcing integration 269
  - incremental synchronizations for the eProcurement integration 345
  - incremental synchronizations for the Strategic Sourcing integration 275
- items incremental synchronization
  - for the eProcurement integration 345
  - for the Strategic Sourcing integration 276

## J

- JD Edwards EnterpriseOne Adapter
  - connection management properties 27
  - enabling 23
  - listener 23
  - listener notifications 23
    - for the CRM Marketing integration 209
    - for the CRM Order Capture integration 169
    - for the eProcurement integration 318
    - for the Learning Management integration 395
    - for the payroll to general ledger integration 118
    - for the Strategic Sourcing integration 253
    - for the Treasury integration 70
- JD Edwards EnterpriseOne Adapter Connections page 23
- JD Edwards EnterpriseOne Adapter Listener Notifications page 24
- JD Edwards EnterpriseOne Adapter Listeners page 23
- JD Edwards EnterpriseOne node, activating 18
- JD Edwards EnterpriseOne system, setting up for integrations 20
- JD Edwards EnterpriseOne, exporting general ledger balances 41
- JDBC Adapter 26
- Job Information Batch Load program (R89F08001) 416
- JOB\_DESC\_OUT.txt flat file 417
- JOBCODE\_FULLSYNC message 416
- JOBCODE\_SYNC message 424
- jobcodes integration point, integration options 401
- Journal Entries Batch Processor program (R09110Z)
  - described 439
  - processing options 139
  - running 440
- journal entry post status integration, integration options 74
- journal entry process
  - for the Treasury integration, overview 81

- integration points for the Treasury integration 60
- Journal Entry Transactions - Batch File table (F0911Z1)
  - correcting errors in 144
  - loading for the Learning Management integration 439
  - loading for the Payroll to General Ledger integration 137
  - loading for the Treasury integration 82
- Journal Options diagnostic 464
- JOURNAL\_GEN\_APPL\_ID\_FULLSYNC message 416

## K

- key cross-references
  - for the CRM Marketing integration 226
  - for the CRM Order Capture integration 192
  - for the eProcurement integration 351
  - for the HRMS to Address Book integration 100
  - for the Learning Management integration 410
  - for the Strategic Sourcing integration 281

## L

- leads
  - CSV file structure 232
  - exporting from PeopleSoft Enterprise Marketing 231
  - importing for the CRM Marketing integration 204, 231
  - importing in the JD Edwards EnterpriseOne system 233
- Learning Management integration 367
- Line Status Mappings page 162
- listener notifications
  - enabling 23
  - enabling for the CRM Marketing integration 209
  - enabling for the CRM Order Capture integration 169
  - enabling for the eProcurement integration 318
  - enabling for the Learning Management integration 395

- enabling for the Payroll to General Ledger integration 118
- enabling for the Strategic Sourcing integration 253
- enabling for the Treasury integration 70
- LM\_ACCTG\_LN message 439
- LM\_DEPT\_SYNC message 423
- LM\_HR\_LNRN\_OBJECTIVES\_SYNC message 437
- LM\_USER\_PROFILE message 417, 423, 424
- Load Ledger Request page 49
- local gateway, setting up 17
- LOCATION\_SYNC message 275, 344

## M

- Manage External System User Roles form 406
- Manage Resource Competencies form 438
- manual data
  - for the CRM Marketing integration 219
  - for the CRM Order Capture integration 183
  - for the eProcurement integration 333
  - for the HRMS to Address Book integration 99
  - for the Learning Management integration 410
    - setting up in the JD Edwards EnterpriseOne system 405
    - setting up in the PeopleSoft Enterprise system 407
  - for the Strategic Sourcing integration 265
  - for the Treasury integration 77
- Market Installation Options page 162, 165, 206, 208
- Market Rate Type page 408
- market rate type, adding for the Learning Management integration 408
- market rates
  - loading for the Treasury integration 78
  - retrieving for the Payroll to General Ledger integration 136
- market rates batch load, integration architecture 54
- market rates incremental synchronization, integration architecture 55



- MARKET\_RATE\_DEFN\_FULLSYNC
  - message 416
- MARKET\_RATE\_DEFN\_SYNC
  - message 423
- MARKET\_RATE\_FULLSYNC message
  - for the Learning Management
    - integration 416
  - for the Treasury integration 79
- MARKET\_RATE\_INDEX\_FULLSYNC
  - message 416
- MARKET\_RATE\_SYNC message
  - for the Learning Management
    - integration 424
  - for the Treasury integration 79
- MARKET\_RATE\_TYPE\_FULLSYNC
  - message 416
- master data
  - loading for the CRM Marketing
    - integration 220
  - loading for the CRM Order Capture
    - integration 184
  - loading for the eProcurement
    - integration 338
  - loading for the Learning Management
    - integration 414
  - loading for the payroll to general ledger
    - integration 126
  - loading for the Strategic Sourcing
    - integration 268
- master data for the Payroll to General
  - Ledger integration
    - configuring and mapping in the
      - PeopleSoft Enterprise system 133
    - reviewing in the PeopleSoft Enterprise
      - database 132
- memory size 28
- message channels
  - activating 17
  - activating for the CRM Marketing
    - integration 206
  - activating for the CRM Order Capture
    - integration 162
  - activating for the eProcurement
    - integration 310
  - activating for the Item Master
    - integration 450
  - activating for the Learning Management
    - integration 386
  - activating for the Strategic Sourcing
    - integration 248

- activating for the Treasury
    - integration 67
  - setting up for the HRMS to Address
    - Book integration 92
- message nodes, activating 18
- message subscriptions
  - activating 19
  - activating for the CRM Marketing
    - integration 207
  - activating for the CRM Order Capture
    - integration 164
  - activating for the eProcurement
    - integration 312
  - activating for the HRMS to Address
    - Book integration 92
  - activating for the Item Master
    - integration 451
  - activating for the Learning Management
    - integration 390
  - activating for the Strategic Sourcing
    - integration 250
  - activating for the Treasury
    - integration 67
- messages
  - activating 17
  - activating for the CRM Marketing
    - integration 206
  - activating for the CRM Order Capture
    - integration 163
  - activating for the eProcurement
    - integration 310
  - activating for the Item Master
    - integration 450
  - activating for the Learning Management
    - integration 386
  - activating for the Strategic Sourcing
    - integration 248
  - activating for the Treasury
    - integration 66

## N

- Node Definition - Transactions page 64
- Node Definitions page 16
- node definitions, setting up 18
- notes xxix

## O

- objective to competency integration point,
  - integration options 402

- objectives to competencies process
  - described 437
  - integration architecture 368
- order capture - add order process 197
- order capture - add quote process 197
- Order status transaction, integration
  - options 181
- outbound customer messages
  - setting up for the CRM Marketing integration 207
  - setting up for the CRM Order Capture integration 165

## P

- payment information, setting up for the Strategic Sourcing integration 253
- payroll batch transactions
  - locating in the JD Edwards EnterpriseOne system 137
  - posting in the JD Edwards EnterpriseOne system 141
  - processing in the JD Edwards EnterpriseOne system 136, 140
  - revising in the JD Edwards EnterpriseOne system 138
- payroll journal entries
  - integration architecture 111
  - processing in the JD Edwards EnterpriseOne General Ledger 136
- Payroll to General Ledger integration 109
- PeopleCode, typographical
  - conventions xxviii
- Permission Lists page 17
- permissions 19
- PERSON\_BASIC\_FULLSYNC
  - message 88, 417
- PERSON\_BASIC\_SYNC message 88, 423
- PERSON\_COMPETENCY\_FULLSYNC
  - message 417
- PERSON\_COMPETENCY\_SYNC
  - message 424
- Position Field Types page 69
- Position Manager Field Map page 69
- Position Manager Records page 69
- Position Source page 69
- POSITION\_FULLSYNC message 416
- POSITION\_SYNC message 424
- posting of accounting lines for the Payroll to General Ledger integration 135
- prerequisites xxv
- printed documentation xxvi
- processAddressBook interface flow 88
- PRODUCT\_FULLSYNC message 185
- PRODUCT\_SYNC message 189
- Products page 315
- PS\_LEDGER\_OUT-yyyymmdd-hhmmss.txt file 45, 46
- PS\_LM\_DEPT\_FULLSYNC
  - message 416
- PSFT\_CRM\_JDBCAdapterServices 169, 208
- PSFT\_E1 node, activating 18
- Pub/Sub Servers 247
- purchase order close
  - integration architecture 300
  - integration options 332
- purchase order creation, integration
  - architecture 295
- purchase order dispatch
  - from the JD Edwards EnterpriseOne system, integration architecture 298
  - from the PeopleSoft Enterprise system, integration architecture 297
- purchase order dispatch integration points,
  - integration options 328, 329
- purchase order hold release, integration
  - architecture 296
- purchase order holds, for the eProcurement
  - integration 358
- purchase order integration
  - integration options 262, 327
  - overview 355
  - process flow 356
- purchase order receipts
  - from the JD Edwards EnterpriseOne system
    - integration architecture 300
    - integration options 331
  - from the PeopleSoft Enterprise system
    - integration architecture 299
    - integration options 330
- purchase orders
  - awarding for the Strategic Sourcing integration 285, 288
  - cancelling for the eProcurement integration 360
  - changing for the eProcurement integration 358

- closing for the eProcurement integration 363
- creating for the eProcurement integration 356
- dispatching in the JD Edwards EnterpriseOne system for the eProcurement integration 361
- dispatching in the PeopleSoft Enterprise system for the eProcurement integration 361
- preventing changes for the eProcurement integration 359
- receiving in the JD Edwards EnterpriseOne system for the eProcurement integration 362
- receiving in the PeopleSoft Enterprise system for the eProcurement integration 362
- releasing holds for the eProcurement integration 360

## R

- R0010IL program
  - for the Learning Management integration 416
  - for the Payroll to General Ledger integration 126
- R05100Z1 program
  - described 437
  - processing options 438
- R080025 program
  - described 426
  - processing options 430
- R09110Z program
  - described 439
  - processing options 139
  - running 440
- R09801 program 440
- R8900F0006 program
  - described 127
  - for the Learning Management integration 416
  - processing options 130, 431
- R8900F0015 program
  - for the Learning Management integration 416
  - processing options 80, 432
  - role in integration 79
- R8901F0101 program
  - for the eProcurement integration 339
  - for the Learning Management integration 417
  - processing options 432
- R8901F0111 program
  - for the CRM Marketing integration 221
  - for the CRM Order Capture integration 185
  - processing options 191, 225
- R8901F0401 program
  - for the eProcurement integration 339
  - for the Strategic Sourcing integration 269
  - processing options 278, 347
- R8903F0301 program
  - for the CRM Marketing integration 221
  - for the CRM Order Capture integration 185
  - processing options 191, 224
- R890800601 program
  - for the Learning Management integration 416
- R8909F0901 program
  - for the eProcurement integration 339
  - for the Learning Management integration 416
  - for the Payroll to General Ledger integration 127
  - for the Strategic Sourcing integration 269
  - processing options 131, 277, 346, 430
- R8930F3002 program 269
- R8941F4101 program
  - for the CRM Order Capture integration 185
  - for the eProcurement integration 339
  - for the Strategic Sourcing integration 269
  - processing options 190, 278, 347, 348
- R8941F4105 program
  - for the eProcurement integration 339
  - for the Strategic Sourcing integration 269
  - processing options 278
- R8945F4106 program
  - described 185
  - processing options 190
- R8945F4161 program
  - for the eProcurement integration 339
  - for the Strategic Sourcing integration 269

- processing options 279, 348
- R89F0092 program 339
- R89F0092B program
  - described 417
  - processing options 432
- R89F05100 program 417
- R89F05103 program 417
- R89F05104 program 417
- R89F060116 program 417
- R89F08001 program 416
- R89F080601 program
  - described 417
  - processing options 431
- R89F0901 program
  - processing options 43
  - running 44
- R89F0902 program 41
- R89F41001 program 269
- R89F41002 program
  - described 269, 339
  - processing options 279, 349
- R89F4101A program
  - processing options 349
- RATING\_MODEL\_FULLSYNC
  - message 417
- RATING\_MODEL\_SYNC message 424
- realtime events
  - activating 20
  - defined 8
- receipt integration points, integration
  - options 331
- receipts
  - creating in the JD Edwards EnterpriseOne system for the eProcurement integration 362
  - creating in the PeopleSoft Enterprise system for the eProcurement integration 362
  - integration options 330
- related documentation xxvi
- relationship properties, setting up for the Learning Management integration 409
- Relationship Transactions page 95, 386
- Relationships page 94, 386, 408
- relationships, defining for the HRMS to Address Book integration 94
- REQUESTER\_LOAD message 339
- Resource Competencies Batch Load program (R89F05100) 417

- Resource Competencies Unedited Transactions File table (F05100Z1) 437
- ROLE\_COMP\_FULLSYNC
  - message 417
- ROLE\_COMP\_SYNC message 423
- RTABOUT realtime event 275, 423
- RTAMOUT realtime event 129, 275, 423
- RTBUOUT realtime event 129, 423
- RTCMOUT realtime event 188, 223
- RTCOOUT realtime event 129, 423
- RTCOSTOUT realtime event 275
- RTCPOUT realtime event 424
- RTCROUT realtime event 79, 423
- RTEMOUT realtime event 424
- RTes, *See* realtime events
- RTIMOUT realtime event 189, 275
- RTJBOUT realtime event 424
- RTJBUOUTB realtime event 424
- RTJDOUT realtime event 423
- RTLPOUT realtime event 189
- RTPIOUT realtime event 423
- RTRCOUT realtime event 424
- RTSHPOUT realtime event 275
- RTSLOUT realtime event 424
- RTSMOUT realtime event 275
- RTUOMOUT realtime event 275
- RTUPOUT realtime event 424

## S

- SAC\_ACCT\_LOAD\_EIP message 269, 339
- sales order creation, integration
  - architecture 150
- sales order status update
  - process 198
- sales order status update, integration
  - architecture 152
- sales order transactions, integration
  - options 181
- sales quote transactions
  - integration architecture 151
  - integration options 181
- Scale Batch Load program (R89F05103) 417
- second ledger, importing ledger to 49
- server.bat file 28
- ship to batch load
  - for the eProcurement integration 343
  - for the Strategic Sourcing integration 273

- ship to locations incremental synchronization
  - for the eProcurement integration 345
  - for the Strategic Sourcing integration 276
- ship to locations integration, integration options 260, 325
- SHIPTO\_LOCATION message
  - batch load for the eProcurement integration 339
  - batch load for the Strategic Sourcing integration 269
  - incremental synchronization for the eProcurement integration 345
  - incremental synchronization for the Strategic Sourcing integration 275
- ShipToBatchLoad.txt flat file 269
- site integration, integration options 171, 210
- source ledger for the general ledger integration 45
- Store & Forward Journal Entry Revisions form 82
  - for the Learning Management integration 440
  - for the Payroll to General Ledger integration 137
- Strategic Sourcing integration 237
- subledger to account ledger integration point, integration options 403
- subscriptions, *See* message subscriptions
- suggestions, submitting xxx
- supplier cost integration, integration options 260
- supplier integration, integration options 256
- supplier item cost to item price list integration, integration options 324
- supplier master batch load
  - for the eProcurement integration 340
  - for the Strategic Sourcing integration 270
- Supplier Master Batch Load program (R8901F0401)
  - for the eProcurement integration 339
  - for the Strategic Sourcing integration 269
  - processing options 278, 347
- supplier price batch load
  - for the eProcurement integration 342

- for the Strategic Sourcing integration 272
- Supplier Price Batch Load - F41061 program (R8945F4161)
  - for the eProcurement integration 339
  - for the Strategic Sourcing integration 269
  - processing options 279, 348
- supplier to vendor integration point, integration options 321
- supplier/vendor creation
  - integration architecture 240
  - overview 287
  - process 289
- suppliers incremental synchronization
  - for the eProcurement integration 345
  - for the Strategic Sourcing integration 275
- SYNC integration, executing for the HRMS to Address Book integration 105
- system performance 25

## T

- table conversions
  - defined 7
  - export folder 20
- TableSet ID page 408
- target ledger for the General Ledger integration 45
- tax information, setting up for the Strategic Sourcing integration 253
- tiered-pricing event
  - awarding 286, 288
  - integration architecture 239
  - integration options 263
- Transaction Modifiers page 95, 386
- transactions
  - for the CRM Order Capture integration 158
  - for the eProcurement integration 305
  - for the Learning Management integration 382
  - for the Strategic Sourcing integration 244
  - setting up for the CRM Marketing integration 206
  - setting up for the CRM Order Capture integration 163
  - setting up for the eProcurement integration 311

- setting up for the HRMS to Address Book integration 92
- setting up for the Item Master integration 450
- setting up for the Learning Management integration 388
- setting up for the Strategic Sourcing integration 249
- setting up for the Treasury integration 65
- setting up in the PeopleSoft Enterprise system 19
- Transactions page 16
- Treasury integration 53
- Treasury journal entries
  - integration options 72
  - posting in the JD Edwards EnterpriseOne system 83
  - processing in the JD Edwards EnterpriseOne system 82
- Treasury journal entry process
  - integration architecture 56
  - overview 81
- typographical conventions xxviii

## U

- unicode flat file encoding 20
- Unit of Measure Batch Load program (R89F41002)
  - described 269, 339
  - processing options 279, 349
- unit of measure conversions incremental synchronization 276
- Update External System Job Descriptions program (R080025)
  - described 426
  - processing options 430
- user profile batch load 344
- User Profile Batch Load program (R89F0092B)
  - described 417
  - processing options 432
- user profile integration, integration options 401
- User Profile Revisions form 406
- user profile to requester integration point, integration options 326
- User Profile/Address Book Batch Load program (R89F0092) 339
- User\_Profile\_Out.txt flat file 417

- UTF-8 encoding 20
- utility services for the Treasury integration 69

## V

- v0092jbatchload.txt flat file 339
- vendor integration, integration options 256
- vendor tax and payment information 253
- VENDOR\_SYNC message 269, 275, 339, 344
- visual cues xxix

## W

- warnings xxix
- Work With Journal Entries form
  - for the Learning Management integration 440
  - for the Payroll to General Ledger integration 137
  - for the Treasury integration 82
- Work With Store & Forward Journal Entries form
  - for the Learning Management integration 440
  - for the Payroll to General Ledger integration 137
  - for the Treasury integration 82
- WORKFORCE\_FULLSYNC message 417
- WORKFORCE\_SYNC message 424
- Write Off Audit diagnostic 465
- WSG Integration Server 21