



PRIMAVERA

**Value Chain Planning Provider Reference Guide  
Release 15.1**

March 2015



# Contents

---

<b>Overview .....</b>	<b>5</b>
Flow Types Supported in the VCP Provider .....	5
<b>Value Chain Planning Business Objects .....</b>	<b>7</b>
Item .....	7
ItemAssignment.....	8
ParentTask .....	9
Project.....	10
Task .....	10
<b>For More Information .....</b>	<b>13</b>
Where to Get Documentation .....	13
Where to Get Training.....	16
Where to Get Support .....	17
Documentation Accessibility.....	18
<b>Legal Notices .....</b>	<b>19</b>



# Overview

---

The *VCP Provider Reference Guide* provides a comprehensive listing of all business objects and associated fields available with the VCP provider delivered for Primavera Gateway. Review the list of supported business objects to determine the data that needs to be supported for integration in Primavera Gateway.

To view these business objects in the Primavera Gateway user interface, ensure that you have installed the VCP provider and then log in to Gateway and select the **Data Dictionary** menu.

Primavera Gateway supports data integration between Oracle Value Chain Planning and P6 EPPM applications.

## In This Section

---

Flow Types Supported in the VCP Provider..... 5

### Flow Types Supported in the VCP Provider

Primavera Gateway supports the following basic flow types:

- ▶ Import Project Data  
Define project data flows to import project data from VCP to P6 EPPM application.
- ▶ Export Project Data  
Define project data flows to export project data from P6 EPPM application to Oracle VCP application.



# Value Chain Planning Business Objects

---

The following Value Chain Planning business objects are available in the **Data Dictionary** menu of the Gateway user interface. Select a specific business object to review a detailed list of fields supported for that business object.

Business Object	Description
Project	A project is a temporary endeavor undertaken to create a unique product, service, or result.
Task	A Task is a unit of work performed during the course of a project.
ParentTask	VCP Provider Work Breakdown Structure object.
Item	VCP Material Items across all projects.
ItemAssignment	VCP Item Assignments track the demand and supply of the items that are performing various tasks.

The following section lists fields available in each business object.

## In This Section

---

Item .....	7
ItemAssignment .....	8
ParentTask .....	9
Project .....	10
Task .....	10

## Item

**Description:** The item object is used to store material items across all projects.

Field	Description
ITEM_ID	The VCP item ID of the supply item.
ITEM_NAME	The VCP item name of the supply item.
ITEM_NUMBER	The VCP item number of the supply item.
ITEM_TYPE	The VCP item type that uniquely identifies the resource. Material type only for VCP.
PARENT_ITEM_ID	Parent item ID if any.

**ItemAssignment**

**Description:** The itemAssignment object is used to track the demand and supply of the items that are performing various tasks.

Field	Description
DEMAND_PEGGED_AVL_DATE	Demand pegged available date against original demand.
DEMAND_PEGGED_ORDER_NUMBER	Demand pegged order number against original demand.
DEMAND_PEGGED_ORDER_TYPE	Demand pegged order type against original demand.
IAS_SOURCE_VCP_ID	VCP P6 resource assignment ID.
ITEM_ASSIGNMENT_ID	The unique identifier of the assignment.
ITEM_ID	The unique identifier the resource.
ITEM_INVENTORY_ORGNAME	VCP resource assignment inventory organization name.
ITEM_NAME	The name that uniquely identifies the resource.
ITEM_NUMBER	The name that uniquely identifies the resource.
ITEM_SELECTION	VCP Resource Assignment Selection YES/NO
ITEM_SELECTION_CODE	VCP Resource Assignment Selection Code.
ITEM_TYPE	The type that uniquely identifies the resource.
PARENT_TASK_ID	The unique identifier of the task.
PLANNED_UNITS	Planned units of this resource assignments.
PROJECT_ID	The unique identifier of the associated project.
SUGGESTED_DUE_DATE	The unique identifier of the associated ParentTask.
SUPPLY_ACTUAL_START_DATE	The actual date on which the supply actually started.
SUPPLY_DOCK_DATE	The date on which a supply order arrives at the receiving dock. This applies to purchase orders and inter-organization shipments.
SUPPLY_DUE_DATE	The due date supply information.
SUPPLY_ITEM_ID	The VCP Item ID of the supply item.
SUPPLY_ITEM_NAME	The name of the supply item.



Field	Description
SUPPLY_ORDER_DATE	The date on which the supply order is placed or planned to be placed. For purchase orders this is the PO creation date.
SUPPLY_ORDER_NUMBER	The order number of the supply.
SUPPLY_ORDER_TYPE	The order type of the supply. For example, On Hand, Work Order, Planner Order.
SUPPLY_ORGANIZATION	The organization corresponding to the supply.
SUPPLY_PEGGED_ORDER_NUMBER	The pegged order number of the supply.
SUPPLY_PROJECT_ID	The Project number of the supply. This is based on the project number of the demand that the supply pegs to.
SUPPLY_QUANTITY	The quantity of the supply planned by VCP in response to the demand.
SUPPLY_SHIP_DATE	The date on which the supply order is planned to ship. This applies to inter-organization shipments.
SUPPLY_START_DATE	The date on which the supply is planned to be started
SUPPLY_UPDATED_ARRIVAL_DATE	This is the arrival date on supplies as updated by Oracle Transportation management.
TASK_ID	The unique identifier of the associated activity.

## ParentTask

**Description:** The ParentTask object is used to store the Work Breakdown Structure (WBS) information.

Field	Description
PARENT_TASK_ID	ParentTask element parent.
PARENTTASK_SOURCE_VCP_ID	VCP P6 corresponding source ParentTask ID
PROJECT_ID	Project ID of the associated project.
TASK_ID	Task ID
TASK_NAME	ParentTask Name
TASK_NUMBER	Task Number

## Project

**Description:** A project is a temporary endeavor undertaken to create a unique product, service, or result.

Field	Description
PROJECT_ID	VCP project ID
PROJECT_NAME	Project name.
PROJECT_NUMBER	VCP (P6) project number
PROJECT_SOURCE_VCP_ID	VCP (P6) project ID

## Task

**Description:** A task is a unit of work performed during the course of a project.

Field	Description
EARLIEST_ASSIGNMENT_DATE	VCP earliest assignment date.
ITEM_SELECTION	VCP task selection Yes/ No.
ITEM_SELECTION_CODE	VCP task selection code.
LATEST_ASSIGNMENT_DATE	VCP latest assignment date.
PARENT_TASK_ID	ParentTask element parent.
PROJECT_NUMBER	The project ID in VCP for this activity.
SUPPLY_ACTUAL_START_DATE	The actual date on which the supply is planned to start.
SUPPLY_DOCK_DATE	The date on which a supply order arrives at the receiving dock (applies to purchase orders and inter-organization shipments).
SUPPLY_DUE_DATE	The due date supply information.
SUPPLY_ITEM_DATE	The VCP item ID of the supply item.
SUPPLY_ITEM_ID	The name of the supply item.
SUPPLY_ITEM_NAME	The date on which the supply order is placed/planned to be placed. For purchase orders, this is the PO creation date.
SUPPLY_ORDER_DATE	The order number of the supply.

Field	Description
SUPPLY_ORDER_NUMBER	The order type of the supply. For example, On hand, Workd order, Planner order.
SUPPLY_ORDER_TYPE	The organization corresponding to the supply.
SUPPLY_ORGANIZATION	The pegged order number of the supply.
SUPPLY_PEGGED_ORDER_NUMBER	The quantity of the supply planned by VCP in response to the demand.
SUPPLY_QUANTITY	The quantity of the supply planned by VCP in response to the demand.
SUPPLY_SHIP_DATE	The date on which the supply order is planned to ship (applies to inter-organization shipments).
SUPPLY_START_DATE	The date on which the supply is planned to start.
SUPPLY_UPDATED_ARRIVAL_DATE	The arrival date on supplies as updated by Oracle transportation management.
TASK_ID	The activity ID in VCP.
TASK_NAME	The task name in VCP.
TASK_SOURCE_VCP_ID	P6 activity ID used for reference as source task ID.



# For More Information

---

## In This Section

---

Where to Get Documentation .....	13
Where to Get Training .....	16
Where to Get Support .....	17
Documentation Accessibility .....	18

## Where to Get Documentation

Complete documentation libraries for Primavera Gateway releases are available on the Oracle Technology Network (OTN) at:

<http://www.oracle.com/technetwork/documentation/default-1923957.html>

From this location you can either view libraries online or download them to have local copies. We recommend viewing them from OTN to ensure you always access the latest versions, including critical corrections and enhancements.

Primavera Gateway is configured to access its help system on OTN. However, you can also install a local version when you install the software.

The documentation assumes a standard setup of the product, with full access rights to all features and functions.

The following table describes the core documents available for Primavera Gateway and lists the recommended readers by role.

Title	Description
<i>Gateway Help</i>	Describes how to work with Primavera Gateway and provides information to help users accomplish tasks. All users should read the Help.
<i>Gateway Developer's Guide</i>	Provides information on how third-party systems such as enterprise resource management (ERP) and enterprise asset management (EAM) systems can create their own providers in order to integrate with Primavera products. Developers of third-party providers that integrate with Primavera products via Primavera Gateway should read this book.


<b>Title</b>	<b>Description</b>
<i>Gateway Customization Guide</i>	<p>Provides information on how to customize an existing third-party integration.</p> <p>Developers interested in customizing existing third-party providers that integrate with Primavera products via Primavera Gateway should read this book.</p>
<i>Gateway Provider Reference Guide</i>	<p>Provides a list of the business objects available for each supported provider.</p> <p>Developers of third-party providers that integrate with Primavera products via Primavera Gateway should read this book.</p>
<i>EBS Provider Reference Guide</i>	<p>Provides a list of the business objects available for the EBS provider.</p> <p>Developers of third-party providers that integrate with Primavera products via Primavera Gateway should read this book.</p>
<i>VCP Provider Reference Guide</i>	<p>Provides a list of the business objects available for the VCP provider.</p> <p>Developers of third-party providers that integrate with Primavera products via Primavera Gateway should read this book.</p>
<i>Manual Deployment Guide</i>	<p>Provides information on how to manually install and configure Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.</p>
<i>Gateway Installation and Configuration Guide</i>	<p>Provides information on how to install and configure Primavera Gateway. Primavera Gateway is a product that facilitates integrations with Primavera products and third-party systems such as enterprise resource management (ERP) and enterprise asset management (EAM) systems.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.</p>
<i>Gateway Upgrade Guide</i>	<p>Provides a sequence of procedures that must be completed to upgrade to a new version of Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.</p>

Title	Description
<i>Gateway Performance and Sizing Guide</i>	<p>Provides hardware and software requirements for deploying Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.</p>
<i>Gateway Security Guide</i>	<p>Provides guidelines on establishing a highly secure environment for all Primavera Gateway environments.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.</p>
<i>Gateway API Programmer's Guide</i>	<p>Provides instructions on how to access and use Primavera Gateway REST APIs.</p> <p>The Primavera Gateway network administrator/database administrator and Primavera Gateway users having the Gateway Developer role should read this guide.</p>
<i>Connecting with Instantis EnterpriseTrack</i>	<p>Provides instructions on how to setup the integration environment for Oracle Instantis EnterpriseTrack in Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.</p>
<i>Connecting Prime and P6 EPPM</i>	<p>Provides instructions on how to setup the integration environment between Oracle Primavera Prime and P6 Enterprise Project Portfolio Management in Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.</p>
<i>Connecting Unifier and P6 EPPM</i>	<p>Provides instructions on how to setup the integration environment between Oracle Primavera Unifier and P6 Enterprise Project Portfolio Management in Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.</p>
<i>Migrating P6 Data Between Distinct Environments</i>	<p>Provides instructions on how to setup the integration environment between distinct P6 deployments to transfer P6 data in Primavera Gateway.</p> <p>The Primavera Gateway network administrator/database administrator and the administrator should read this guide.</p>

Title	Description
<i>Connecting E-Business Suite</i>	Provides instructions on how to setup the integration environments for Oracle E-Business Suite with P6 Enterprise Project Portfolio Management and Instantis EnterpriseTrack in Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.
<i>Connecting Value Chain Planning and P6 EPPM</i>	Provides instructions on how to setup the integration environment between Oracle Value Chain Planning and P6 Enterprise Project Portfolio Management in Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator for the third-party system should read this guide.
<i>Configuring Gateway for Single Sign On</i>	Provides instructions on how to configure Oracle Access Manager (OAM) and then enable Single Sign On for Primavera Gateway. The Primavera Gateway network administrator/database administrator should read this guide.
<i>Gateway Licensing Information User Manual</i>	Lists licensing information of all third-party software that is used or associated with the Oracle software program.
<i>Tested Configurations</i>	Lists the configurations that have been tested and verified to work with Primavera Gateway. The Primavera Gateway network administrator/database administrator and the administrator for the third-party or ERP system should read this guide.

### Distributing Information to the Team

You can copy the online documentation to a network drive for access by project participants. Each team member can then view or print those portions that specifically relate to his or her role in the organization.

Throughout this documentation, the Security Guidance icon  helps you to quickly identify security-related content to consider during the installation and configuration process.

### Where to Get Training

To access comprehensive training for all Primavera products, go to:

<http://education.oracle.com>



## Oracle Learning Library

The Oracle Learning Library (OLL) provides online learning content covering Primavera products. Content includes videos, tutorials, articles, demos, step-by-step instructions to accomplish specific tasks, and self-paced interactive learning modules.

To access the learning library's Primavera content, go to:

<http://www.oracle.com/goto/oll>

## Where to Get Support

If you have a question about using Oracle products that you or your network administrator cannot resolve with information in the documentation or help, click <http://support.oracle.com/>. This page provides the latest information on contacting Oracle Global Customer Support, knowledge articles, and the support renewals process. For more information about working with Support, visit <https://support.oracle.com/epmos/faces/DocumentDisplay?id=888813.2> to view Support Tools & Tips.

## Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/us/support/contact-068555.html> or visit <http://www.oracle.com/us/corporate/accessibility/support/index.html> if you are hearing impaired.

## Using Primavera's Support Resource Centers

Primavera's Support Resource Center provides links to important support and product information. Primavera's Product Information Centers (PICs) organize documents found on My Oracle Support (MOS), providing quick access to product and version specific information such as important knowledge documents, Release Value Propositions, and Oracle University training. PICs also offer documentation on Lifetime Management, from planning to installs, upgrades, and maintenance.

Visit <https://support.oracle.com/epmos/faces/DocumentDisplay?id=1486951.1> to access links to all of the current PICs.

PICs also provide access to:

- ▶ **Communities** are moderated by Oracle providing a place for collaboration among industry peers to share best practices.
- ▶ **News** from our development and strategy groups.
- ▶ **Education** contains a list of available Primavera product trainings through Oracle University. The Oracle Advisor Webcast program brings interactive expertise straight to the desktop using Oracle Web Conferencing technology. This capability brings you and Oracle experts together to access information about support services, products, technologies, best practices, and more.

For more information about working with Support, visit <https://support.oracle.com/epmos/faces/DocumentDisplay?id=888813.2>.

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

# Legal Notices

---

Oracle Primavera Prime Value Chain Planning Provider Reference Guide

Copyright © 2013, 2015, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

**U.S. GOVERNMENT END USERS:** Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software or hardware and documentation may provide access to or information on content, products and services from third-parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.