



Version 17.0  
Release Notes  
May 2014



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NOTE: The rebranding of this document is in development as part of post MICROS acquiring activities. References to former MICROS product names may exist throughout this document.

## Release Overview

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These release notes briefly describe the enhancements and new features in CWDirect 17.0. For more information about this release, including a description of all resolved deficiencies and further explanation of the new features, please review the CWDirect 17.0 PTF Listing.

## Prerequisites

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Prior to installing this upgrade, you must be on CWDirect 16.0, which was released in June 2013.

## Alerts

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### Alert 1: Prerequisites

To install the CWDirect v17.0 upgrade, you must be on CWDirect version 16.0.

### Alert 2: IBM Operating System

Micros' has fully certified the CWDirect v17.0 application on V7R1M0 L00 IBM I, including integrations. However, the application has been tested on IBM OS V7R2M0, but no ancillary products or integrations have been tested.

### Alert 3: Jacada GUI Application

This release of CWDirect supports Jacada v9.2.1 is compatible with IE7, IE8, and JRE up to version of 1.7.55.

In January 2014, Oracle released Java v1.7.0\_51. This java release required that all java applets, such as CWDirect Jacada GUI, run with signed certificates for security purposes. To adhere to this requirement, the GUI implementation of CWDirect v17.0 was changed to deliver the client-side code in signed jars.

For more detailed information and instructions, please read the CWDirect v17.0 GUI and Signed JARs document which is included with the GUI installation instructions

If your company uses the base runtime product without any images, scripts or unique screens, Micros has made the necessary changes and does not require any further action on your part.

If your company does use images, scripts, or has the GUI source code/toolkit and has made screen modifications, the implementation of the signed jars affects how you apply your changes. You should review the document entitled *CWDirect v17.0 GUI and Signed Jars* in detail and contact your project manager if you have any additional questions or need assistance with the GUI Installation and applying your unique changes.

Whether you use the base or a modified version of GUI, upon initial entry into the GUI application each user will receive two prompts:



The user should check the box 'Do not show this again for apps from the publisher and location above' and select 'Run' for each of these windows. This will suppress these windows from displaying again when this user signs into GUI using the same browser. If they use a different browser they will get these windows again.

#### Alert 4: PkMS

There have been changes to the PkMS Integration in this release of CWDirect. This means that you will need to download/load the PkMS CD as part of this upgrade.



**Alert 5: CWData 17.0**

There have been no changes to CWData in this release. There will be no CWData CD distributed with the CWDirect 17.0 release.

**Alert 6: QAS**

With this release of CWDirect, the QAS Integration has been reestablished. We have tested version 3.7 of the QAS product with this release of CWDirect.

**Alert 7: CWStore**

This release of CWDirect is compatible with CWStore 12.0 and 13.0, along with version 4.0 and 5.0 of the Store Sites. However, when you upgrade to CWStore 13.0, you must load a patch for version 4.0 of the Store site as well as the version 5.0 site. Please check the Customer Secure Web for more details.

## Conversion Programs

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### **Conversion Program 1 POST\_IJCT (CVX0684) Update Trigger Rules & XML Inclusion file**

Non-company specific conversion program that:

Updates the IJCT trigger rule and XML inclusion files without removing any records currently in these files.

SBMJOB CMD(CALL PGM(CVX0684) PARM("")) JOB(POST\_IJCT)  
where " is a single quote followed by another single quote

### **Conversion Program 2 – POST\_DTAAR**

Non-company specific update program that:

Updates the release level in a data area to identify the **CWDirect** version you have most recently installed.

### **Conversion Program 3 – POST\_OVOL**

Non-company specific update program that:

Clears and resets the order volume counter to the appropriate count for the current year. This count is used as a basis for CWDirect licensing.

### **Conversion Program 4 – POST\_L96**

Non-company specific update program that:

Updates the literal in SCV L96 from 'Order API/No Reprice Price Override Reason' to 'No Reprice Price Override Reason'.

SBMJOB CMD(CALL PGM(CVR0736) PARM("")) JOB(POST\_L96) HOLD(\*YES)  
where " is a single quote followed by another single quote

### **Conversion Program 5 – POST\_LOCEL**

Non-company specific update program that:

Updates the new Locate Eligible flag to 'Y' for all existing Items.

SBMJOB CMD(CALL PGM(INR1939) PARM("")) JOB(POST\_LOCEL) HOLD(\*YES)  
where " is a single quote followed by another single quote

## Documentation

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The following documentation has been created or updated for this release.

Document Title	Description
Installation Instructions	Describes how to upgrade the CWDirect application to v17.0. Please review the installation instructions prior to the upgrade.
Release Notes	Describes at a high level the new features available in CWDirect 17.0. This document also includes any alerts and conversion program documentation.
Documented Project Listings	Identifies the features that have been newly documented in the online help and other reference guides.
CWDirect 17.0 PTF Listing	Describes the new enhancements and resolved deficiencies in CWDirect 17.0, and is organized by functional areas for ease of distribution.
Database New File Listing	Identifies database files that have been added as part of the upgrade.
Database Change Listings	Identifies database files that have been changed as part of the upgrade.
Java Install Instructions	Describes how to upgrade the CWDirect Java Components for CWDirect v17.0. Please review the installation instructions prior to the upgrade.
PkMS Object Change Listing	Identifies PkMS Object changes that have been made as part of the upgrade.
CWDirect Data Security and Encryption Guide	Updated version of the Data Security and Encryption Guide to be referenced when setting up encryption or validating security procedures. This document is password protected.
CWDirect Ecommerce Manual	Updated version describes key integration points between CWDirect and a web storefront.

## Features

This section includes brief summaries of some of the enhancements to CWDirect 17.0. Please refer to the PTF Listing for a complete list of all enhancements.

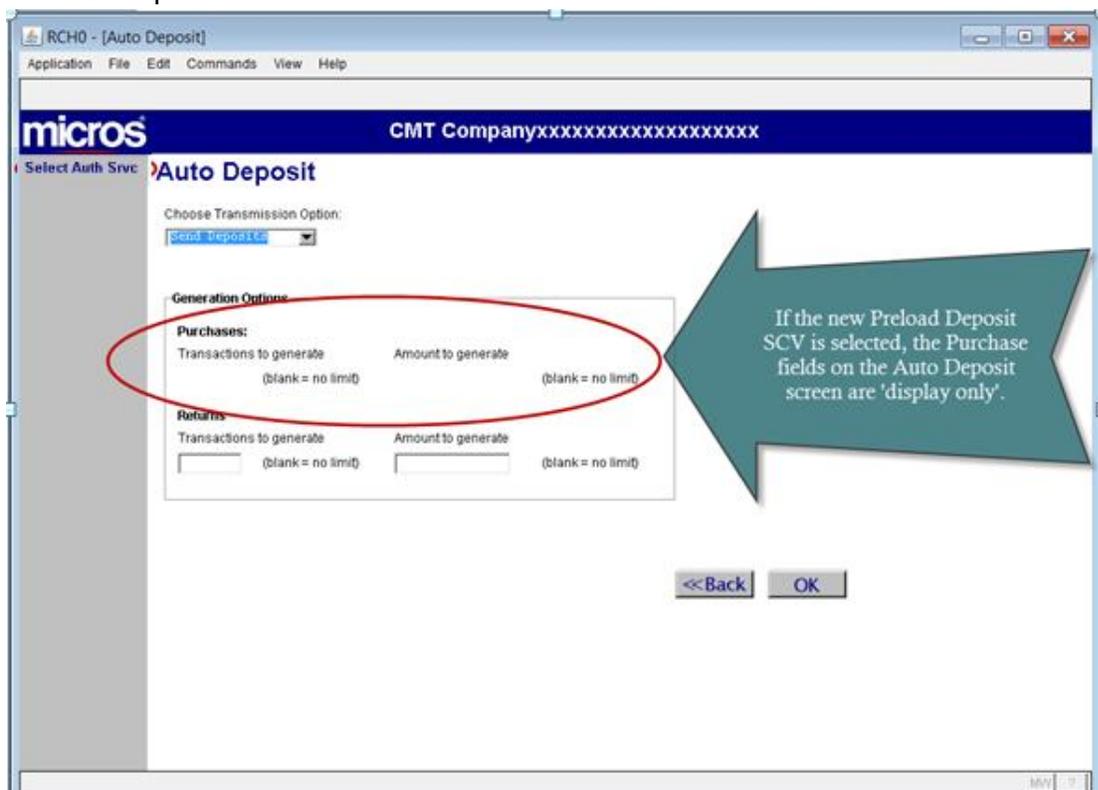
### Deposit Enhancements

#### *Generate Deposit Records at Billing*

With this release of CWDirect, deposit processing is more efficient by allowing the ability to optionally generate CC Deposit Transaction records when the shipment is processed through Billing Sync. This feature is controlled by a new system control file value 'L78 /Preload Deposits'.

When using this feature, the option to submit a deposit based on the number of transactions and/or amount to generate for Purchases no longer applies because all records that have been loaded into the CC Deposit Transaction file will be processed. Thus, this feature has been disabled when the new SCV for Preload Deposits is selected.

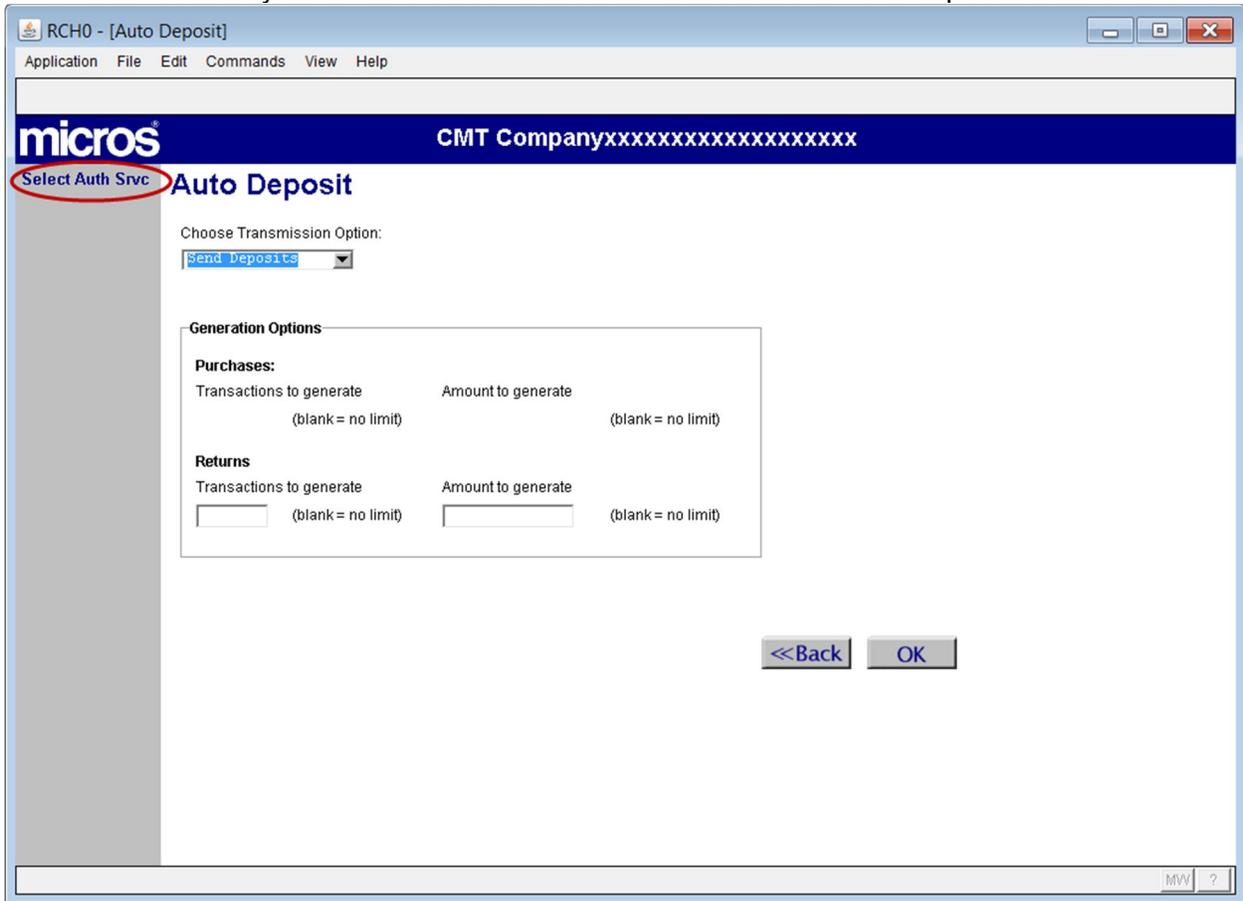
See screen print below for more information.



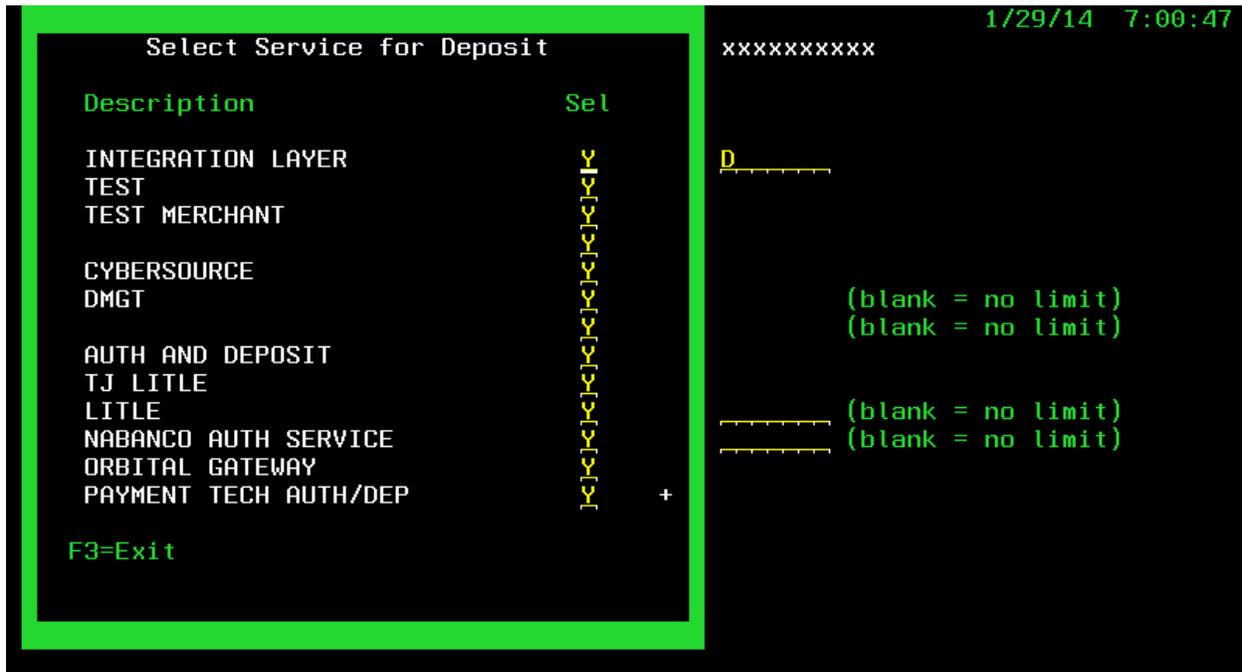
### Select Authorization Services for processing

Because some authorization services may require more manual intervention during deposit processing, the ability to select which authorizations services will be processed during the deposit run has been implemented. This includes the creation of new records as well as the processing of records that already exist in the CC Deposit Transaction file, if preloading deposits.

A new command key/button and screen have been added to the Auto Deposit screen.



When the user selects this tab, a new 'Select Service for Deposit' popup window will appear, as show below.



The user deselects any authorization service that should not be processed during the run. Only those authorization services that have been selected will be processed; including any existing records in the CC Deposit Transaction file or any new records being created as part of the deposit processing.

**Locate/Broker Sold Out Items**

*Locate Eligible Flag*

A new Locate Eligible flag has been added to the item file to identify if the backordered item that can be brokered to Locate, which will then determine if the item can be fulfilled from a retail store.

A conversion program, which will run as part of the install, has been created that will initially set this new flag to 'Y' for all existing items. Any new items created will default this flag to 'Y'.

*Sold Out Items*

If an Item that has a sold out code is also locate eligible and would ultimately sell out when entered, it will then be processed through the Locate Order Broker to determine if the line can be fulfilled by a Store. Prior to the release, items marked to sell out would not be brokered to Locate.

If the item is passed back from Locate as unfulfillable, the order line will then be sold out in CWDirect.

## **Order Confirmation Emails at Order Accept**

CWDirect generates Order Confirmation Emails at Order Accept instead of Order Async. The feature ensures order confirmation emails are sent to the customer in a timely fashion.

## **Order API Response Enhancements**

Currently, the Order In API has the ability to flag an order line as gift wrapped and has the ability to pass in Order Message identified as gift messages. However, this information was not passed back in the response message so that the customer could confirm the information.

With this release of CWDirect, the Order API Response message has been modified to add a tag for gift wrap and an Order Message repeating group that will be used to pass back any gift-type messages. In order to accomplish this, a new version 5.0 of the Order Out message has been created.

```
<!ATTLIST Detail
  line_seq_number CDATA #IMPLIED
  short_sku_number CDATA #IMPLIED
  retail_ref_number CDATA #IMPLIED
  status CDATA #IMPLIED
  alias_item CDATA #IMPLIED
  item_id CDATA #IMPLIED
  item_description CDATA #IMPLIED
  sku CDATA #IMPLIED
  sku_description CDATA #IMPLIED
  actual_price CDATA #IMPLIED
  offer_price CDATA #IMPLIED
  original_retail_price CDATA #IMPLIED
  drop_ship CDATA #IMPLIED
  detail_ship_via CDATA #IMPLIED
  pickup_type CDATA #IMPLIED
  pickup_system_location CDATA #IMPLIED
  pickup_location CDATA #IMPLIED
  order_quantity CDATA #IMPLIED
  cancel_quantity CDATA #IMPLIED
  sold_out_quantity CDATA #IMPLIED
  ship_quantity CDATA #IMPLIED
  return_quantity CDATA #IMPLIED
  expected_ship_date CDATA #IMPLIED
  last_ship_date CDATA #IMPLIED
  reserved_warehouse CDATA #IMPLIED
  reserve_quantity CDATA #IMPLIED
  tax CDATA #IMPLIED
  pst_tax CDATA #IMPLIED
  gst_tax CDATA #IMPLIED
  set_main_item CDATA #IMPLIED
  set_component_item CDATA #IMPLIED
  set_seq_number CDATA #IMPLIED
```

*gift\_wrap CDATA #IMPLIED*

```
<!ELEMENT Ord_Msgs (Ord_Msg+)>
<!ELEMENT Ord_Msg EMPTY>
<!ATTLIST Ord_Msg
  ord_msg_code CDATA #IMPLIED
  ord_msg_text CDATA #IMPLIED
```

## Location Transfer Enhancement

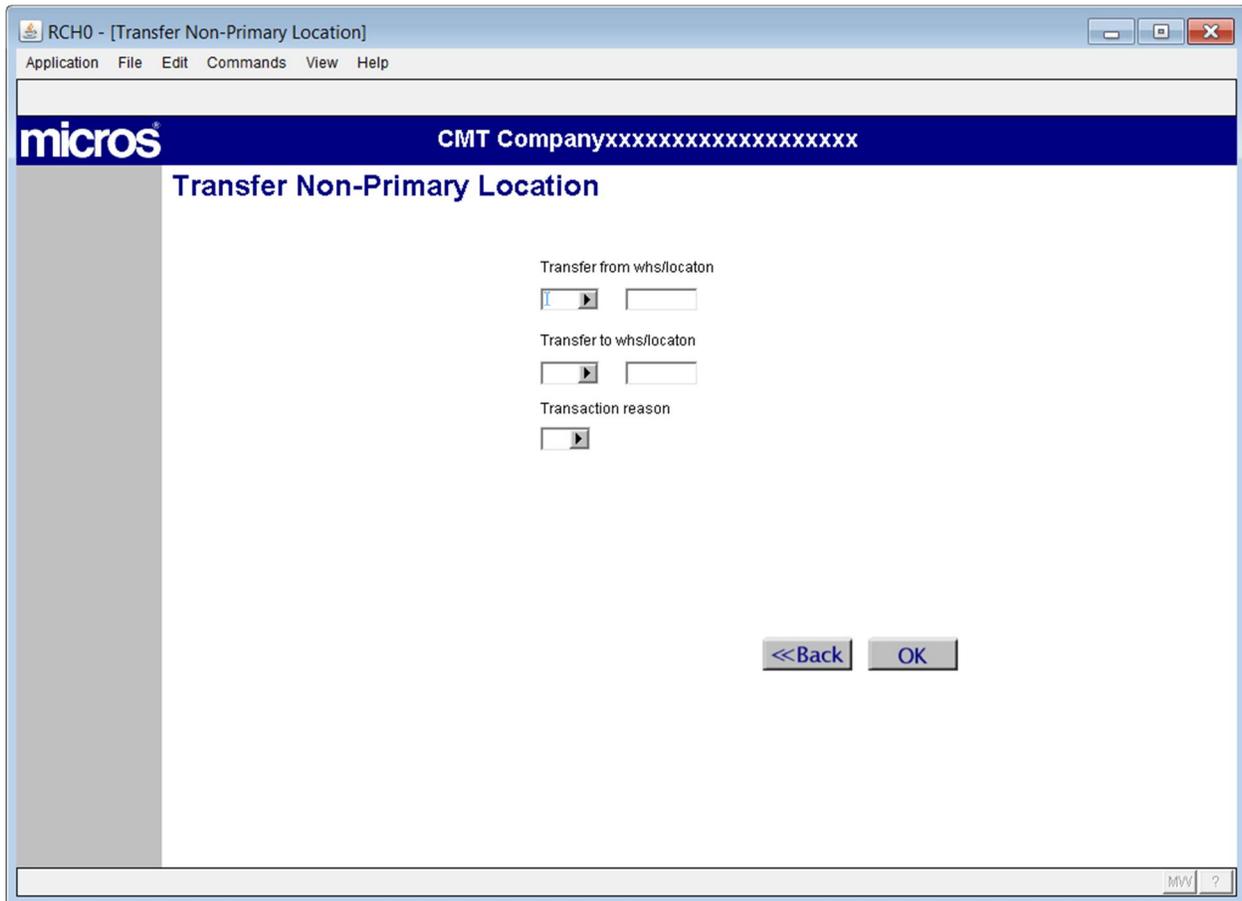
Prior to this release of CWDirect, if you needed to transfer all stock in a given non-primary warehouse/location to a different warehouse/location, individual transfers would need to be completed by the user. If there were many items in this location, it would be cumbersome to complete this task.

To make the processing of this task more efficient, a new function has been created which is accessed through a new command key/option in Work with Inventory Transactions screen.

```
INR0709  DISPLAY  Work with Inventory Transactions  2/20/14  6:11:09
                CMT Companyxxxxxxxxxxxxxxxxxxxxx
--- On Hand ---
Cde Item      SKU              Qty  Whs Location Reas  Old  New
-----
Id# _____ G/L Acct# _____ PO# _____

F3=Exit  F7=Primary Location transfer  F8=Whs/Location transfer  F12=Cancel
F22=User defined option
No data to display.
```

When the user selects this new feature, a new 'Transfer Non-Primary Location' screen will be displayed, as shown below.



When the user enters the 'From' and 'To' information, along with an optional 'Transaction Reason' and presses Enter/OK, all items that exist in the 'From' Whs/Location will be transferred to the 'To' Whs/Location in a single operation. Each individual transfer can then be reviewed on the 'Display Inventory Transaction History' screen.

## **Physical Inventory Enhancements**

### *Batch by Location*

When using Physical Inventory by batches, if two batches cross locations it was difficult to determine the batch to which the item belonged. To resolve this issue, a new batch grouping SCV has been created to indicate whether batch size should be by item/loc or location. If batches are based on location, a single location can never exist in more than one batch.

```
INR0001  ENTER  Generate Physical Inventory File  2/20/14  6:25:28
                CMT Companyxxxxxxxxxxxxxxxxxxxxx
                Date. . . 22014
Warehouse . . . . . 2  QUALITY ASSURANCE WAREHOUSE
Specify Locations
Zones . . . . . [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
Range of aistes . . . . . [ ] To [ ]
Range of locations . . . . . [ ] To [ ]
Select Item Status. . . . . [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
                [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
Max # of item locations to count. . . . . [ ]
Clear LPN file before generate . . . . . N
F3=Exit  F9=Accept  F12=Cancel  F24=Select company
```

In addition, and regardless of the new Batch Grouping SCV, the ability to generate Physical Inventory based on a range of locations has been added to the Generate Physical Inventory File processing.

### **Retail Item Upload Enhancements**

The Retail Item Upload has been enhanced to now include:

#### *Offer for Item Coordinates*

The ability to pass in the Offer associated with an Item Coordinate. If a valid offer is included, the Item Coordinates will only be created/updated if the items exist in that offer. If the Offer being passed in is not valid, it will be ignored, and processing of the Item Coordinate will happen as it currently does.

The processing of this record type has been further enhanced to also automatically create SKU Coordinates where the sku being passed exists in the offer passed.

#### *Product Information*

Because of the complexity of the softcoded and numerous Product Information Templates, the ability to pass in this information by Item Class is limited to the Customer Service template (template 'CS'), with a single text label (Seq 01) and up to 99 lines of text (text seq 01-99)



### **Optimize Warehouse Reservation**

CWDirect has been modified to ensure that the same warehouse, as defined in the warehouse list assigned to the order ship-to postal code, will fulfill all items on a given order when they are available within that warehouse's inventory.

The enhancement, which is performed at the final accept process, will search the Warehouse list one by one trying to find a single warehouse that can fulfill the entire order.

This new feature is controlled by a new SCV 'M01 Reevaluate Reservation Logic at Final Accept'.

### **Order API Enhancement for Orbital Gateway Web Authorizations**

Chase Paymentech's Orbital Gateway requires that the Order ID and the Transaction Reference Number used on the authorization be included in the deposit for appropriate matching. If a match was not found based on Order ID and Transaction ID, the transaction will reject.

When using a two pass process for the Order API, the user is able to identify the CWDirect Order number and use that to process the authorization so that the information on the authorization and deposit transaction will match.

However, on a single pass, the user does not have the CWDirect Order Number so that a different or Alternate Order ID is needed. This Alternate Order ID must be unique by pay type so that the existing Web Order Number will not work.

This enhancement will allow the ability to pass in this Alternate Order ID with the payment, and will be stored on the Authorization History file. When the deposit is created for this order/pay type, this Alternate Order ID will be loaded as the Merchant Reference Number so that it will match what was passed during the initial authorization.

Passing this new override is more important on single pass processing because the web will not receive the CWDirect Order number until the payment is processed, which is too late to include with the web authorization request.

### **Add Apartment to Email Out XML Message**

A new version 3.0 Email Out XML message has been created that includes the apartment tag in both the Customer Sold to and Customer Ship To elements.



## Compatibility Matrix

Product	Supported Versions
CWData	17.0
CWAnalytics	2.0
CWIntegrate	3.0, 4.0
CWCollaborate	3.6 (Requires Websphere v6.0 as well)
CWStore	12.0 & 13.0
CWLocate	2.1 (Order Broker for existing CWDirect customers only.) 4.5 (Drop Ship Module only – Web Service based)
CWValueCard	2.5
OS/400	OS Version V6R1 to OS version V7R2M0 L00 IBM i
Websphere MQ	AS400 – V7R1M8 Server – V7R0M1 and no higher
Vertex	Vertex 5.2, Vertex 6.0
Group One / Code One	2.7
Manhattan Associates PkMS	v18, v19, v2001
Quadrant – FastFax Product	FastFax Enterprise Version 4.3
Jacada	Jacada (JIS Java) version 9.1.2 Supports JRE in browser of Sun up to 1.7.0_55
QAS	v3.7 of the Text Protocol Server
Chase Paymentech Orbital Gateway	XML version 5.4 Rel 2
Paymentech File Formats	Online v4.0 And 96-byte 1.6.2 Batch Format – Point to point Online v6.0 and 96-byte v1.7.1 Batch Format – Site v2.0 Online v7.4 and 120-Byte v3.0.0 Batch Format – Site v3.0
Litle Schema	V1.0 – Litle XML Reference Guide 8.2 v2.1 (no Tokenization) V2.0 – Litle XML Reference Guide 8.5 v2.1 (Tokenization & BML)
Chase File Formats	P.O.S. Authorization Non-Transparent, Character Formats for Retail and Mail/Telephone Order Industries dated 10/04/2004 RM3 Version 13.1 and Electronic File Specifications for Batch Authorization and Settlement Processing dated 10/18/2004 Version 3.16.
Cybersource Transaction Schema	1.3.8
eBillMe Schema	3.0
Paymentech CWIntegrate Site	2.0, 3.0
Litle CWIntegrate Site	1.0, 2.0
Chase CWIntegrate Site	2.0, 3.0
CWStore CWIntegrate Site	4.0
eBillMe CWIntegrate Site	1.0
CyberSource CWIntegrate Site	1.0