Oracle® Retail Invoice Matching

Release Notes

Release 13.0.1

August 2008

This document describes Oracle Retail Invoice Matching 13.0.1. ReIM Release 13.0.1 is a full product release that replaces ReIM 13.0.

Product Overview

Oracle Retail Invoice Matching (ReIM) supports verification of merchandise invoice costs and quantities prior to payment. ReIM receives invoice data through Electronic Data Interchange (EDI), or from invoices manually entered through a group or single invoice entry facility.

Invoice records are verified against associated receipts in an automated matching process. If invoices are matched to receipts within tolerance at a summary level, they are evaluated for best payment terms and posted to a staging table. The staging table is interfaced with the retailer's accounts payable system, where payments are processed and corresponding accounting entries are posted.

If invoices and receipts are not matched at the summary level after a specified period of time, the auto-matching process attempts to match at a line level within tolerance. If matches are not identified at the line level, the process calculates a cost or quantity discrepancy. The discrepancy is routed to defined user groups for resolution.

Discrepancies are resolved by applying reason codes based on a set of defined actions (for example, charge-back supplier) that determine disposition of the discrepancies.

Discrepancies are routed out of the auto-match process. You can then begin manual identification of summary and detail level matches. The retailer can resolve line level discrepancies.

Hardware and Software Requirements

See the *Oracle Retail Invoice Matching Installation Guide* for information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility information

Functional Enhancements

The following functional enhancements are included in this release.

Multiple Sets of Books

Oracle Retail Invoice Matching (ReIM) has been enhanced to allow retailers to operate multiple sets of books to support different legal entities or operations in multiple countries.

The impacts to ReIM for implementing this functionality are as follows:

- General ledger cross-reference mappings are associated with a set of books.
- Dynamic assignment of department and class are associated with a set of books.
- The resolution posting batch process was modified to handle multiple sets of books.
- Changes were made to add set of books references to the tables related to financial staging and general ledger cross-reference.
- The fixed deal load process handles deals not associated with a location.

Supplier Site Functionality

Oracle Retail Merchandising System (RMS) has been enhanced to allow supplier sites to be set up at the same level as suppliers. See the Oracle Retail Merchandising System documentation for more information about multiple sets of books.

In RMS, when supplier site functionality is used, purchase orders are created for supplier sites, rather than for suppliers. In addition, items are associated with supplier sites, rather than with suppliers. Invoices, however, continue to be associated with suppliers.

This required changes to ReIM document creation to account for these differences. The core matching function was not affected, because this function only considers the purchase order and location combination.

Hold Invoice Until Credit Note Is Matched

When credit note requests are sent to suppliers requesting reimbursement for overcharges, there is now a supplier option that, when set, causes ReIM to hold invoices from posting to the financial system until the credit note has been received from the supplier and matched with the credit note request. If the 'hold invoice' indicator is set for a supplier, credit notes must be matched before they are posted to the financial system. Previously, credit notes were posted first and then matched.

Ability to Match Catchweight Type 2 and 4 Items

ReIM can handle the entry and matching of catchweight type 2 and 4 items. Catchweight type 2 and 4 items are simple packs in RMS. These items are ordered and received in a standard unit of measure (SUOM) such as eaches, but they are invoiced in a cost unit of measure (CUOM) such as weight. This release provides a conversion from the RMS SUOM to CUOM to facilitate entry, matching, and discrepancy handling processes in ReIM.

Retaining Batch Number

The group (batch) number currently used to facilitate entry of groups of merchandise invoices quickly from the Group Entry form will be retained and displayed with the invoice after the batch is submitted and approved. In addition, a control (batch) number has been added to EDI load, and this control number will also be retained with the invoice for future reference.

Search By VPN

The Invoice Detail Entry form has been enhanced to allow the user to search the RMS item file by Vendor Product Number (VPN) to find the item to be entered. The EDI load process has also been enhanced to allow a supplier to provide the VPN number instead of the Oracle Retail Item Number to identify items. If the VPN number is provided through EDI, the EDI load process uses it to look up the Oracle Retail Item Number in RMS.

Note: This is a search facility only. The VPN number is not retained in ReIM.

Posting Rewrite

The posting process has been rewritten as part of a refactoring effort. As part of this effort, unmatched receipts (UNR) and variance within tolerance (VWT) can be prorated across all departments and classes on an invoice, if department and class segments are defined as dynamic. In addition, UNR and VWT are also prorated across all invoices when multiple invoices are part of the same match.

Oracle User Interface Standards

The “Swan” user interface is a set of user interface definitions designed by Oracle. These interface definitions create a consistent interface for Oracle products and an improved user interface for application users. The Oracle Retail Invoice Matching application windows have been updated to use the standard color palette and fonts.

Technical Enhancements

The following technical enhancements are included in this release.

Operating System and Database Support

ReIM 13.0.1 is compatible with Oracle Database 10g and the following operating systems:

- Oracle Enterprise Linux 4 Update 5
- HP-UX Itanium 11.23
- IBM AIX 5.3
- Sun Solaris 10

Single Sign-On Enablement

ReIM can be enabled to use Oracle Application Server Single Sign-On (SSO). SSO is a component of Oracle Identity Management. In an SSO environment, a user signs on once with user name and password during a Web browser session. The SSO server authenticates the user, and this SSO identity is propagated to each SSO-enabled application used within the same browser session.

Refactoring of Resolution Posting Batch Service

The resolution posting batch process has been completely rewritten. Much of the previous logic that existed in Java has been moved to Oracle PL/SQL. For more information, see the *Oracle Retail Invoice Matching Operations Guide* and the *Oracle Retail Invoice Matching Data Model*.

Spring Framework

The open source Spring Framework has been introduced to the product to help better manage object life-cycle at the Java service and DAO levels. This change will allow for cleaner separation of concerns, comprehensive testing, and more transparent transaction management.

Log4j Logging

Oracle Retail Invoice Matching now utilizes Log4j for log configuration. See the *Oracle Retail Invoice Matching Operations Guide* for further details.

Batch Jobs

The ReIM batch jobs are now executed by the Batch Runner framework. See the *Oracle Retail Invoice Matching Operations Guide* for further details.

Oracle Configuration Manager

Oracle Configuration Manager is an optional configuration data collector that provides continuous tracking of key Oracle and system configuration settings for machines on which it is installed. This tool collects configuration details for customer environments and uploads them to a repository that is viewable

through the Software Configuration Manager Metalink Web site. The OCM collector is optionally installed as part of your application installation.

Using Oracle Configuration Manager can reduce a retailer's support costs by providing extra configuration information that otherwise requires a phone call or e-mail correspondence.

Note: Sensitive configuration information (such as passwords) is not included in Oracle Configuration Manager collection

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For more information, see the *Oracle Retail Invoice Matching Installation Guide*.

Integration Enhancements

The following integration enhancements are included in this release.

Integration with Oracle E-Business Suite

Oracle Retail Merchandising System (RMS), Oracle Retail Sales Audit (ReSA), Oracle Retail Invoice Matching (ReIM), and Oracle Retail Integration Bus (RIB) 13.0.1 can be integrated with Oracle E-Business Suite 12.0.4.

This integration allows RMS to obtain the following data from Oracle Financials:

- General ledger accounting data
- Supplier and supplier site data
- Currency rates
- Freight terms
- Payment terms

From RMS, inventory and sales accounting information can be sent to Oracle Financials.

When integrated with Oracle E-Business Suite, ReIM exports data to accounts payable staging tables or to financial tables, depending on the specific types of transactions.

Integration Accelerator Patch

For integration with Oracle E-Business Suite, an Oracle Retail integration accelerator patch is available for download. This patch enables the integration between Oracle E-Business Suite and some Oracle Retail applications.

The hot fix downloads associated with the following defect numbers are required to implement this integration patch:

- Master defect: 7330263
- RMS defect: 7291971
- E-Business Suite/BPEL defect: 7330290
- ReIM defect: 7331912

Also see the Oracle Retail Integration Bus Release Notes for RIB Release 13.0.1.1 (documentation-only release).

For support in implementing this patch, contact Oracle Customer Support and follow all typical Oracle Retail processes.

For more information, see the *Oracle Retail 13.0.1 - Oracle E-Business Suite 12.0.4 Integration Accelerator Patch Installation Guide*, which is only included with the integration accelerator patch download.

The integration accelerator patch provides the following functional enhancements for integration:

- Oracle Retail applications support multiple sets of books. For data downloaded from Oracle E-Business Suite, the multiple sets of books in RMS can be mapped to the corresponding ledger IDs in Oracle E-Business Suite.
- Oracle Retail applications support supplier and supplier site associations. Key control parameters for a supplier, such as freight and payment terms, are maintained at the supplier site level.
- A supplier created in Oracle E-Business Suite is transferred to RMS as a supplier, but there is no supplier parent information for this record. When a supplier site is created in Oracle E-Business Suite, it is passed to RMS as another supplier, but this record has a Supplier Parent field that contains the ID of the supplier with which this supplier site is associated.

Solution Details

Oracle E-Business Suite to Oracle Retail:

1. A BPEL process extracts data from the Oracle E-Business Suite database.
2. BPEL processes publish XML files on the specific Java Messaging Service (JMS) topics on the Oracle Retail Integration Bus (RIB).
3. RIB is used to perform the data load into RMS.
4. The XML payload is verified. If any error is encountered, RIB rejects the message and sends it to the RIB hospital.
5. The XML payloads with validated data should be subscribed to by the specific RMS APIs and loaded to the RMS tables.

Oracle Retail to Oracle E-Business Suite:

1. A BPEL process extracts the data from the Oracle Retail (ReIM, RMS, ReSA) database.
2. BPEL processes publish XML files in the specific Oracle E-Business Suite staging tables.

Integration with Oracle Retail Workspace

Oracle Retail Invoice Matching can be integrated with Oracle Retail Workspace. The integration between these applications is optional, and no data flows between the applications. Workspace provides a single point of access to the Oracle Retail applications used by your business. It also provides an integrated platform that can display operational and analytical information from multiple sources. Workspace functionality provides single sign-on, central launch, role-based security, user management, and retailer-specific customization capabilities. Workspace also provides a kit and instructions for dashboard development. For more information, see the ReIM Operations Guide, the Oracle Retail Workspace documentation and the following:

Metalink Note 559554.1: Oracle Retail Reports Resizing Guide

Because of the space constraints of the content area in Oracle Retail Workspace, reports accessed in a dashboard may need to be resized. This guide provides a step-by-step process for resizing reports in both Oracle Business Intelligence Enterprise Edition (Oracle BI) and Oracle BI Publisher.

Known Issue

Bug Number 7299761

The Financial Posting batch fails if any of the transaction codes in the staging tables are set up with fewer than ten segments. The batch should be flexible enough to handle active transaction codes that have fewer than ten segments, as this is expected functionality.

A fix for this issue is available in the download associated with bug number 7331912.

Related Documentation

For more information, see the following documents in the Oracle Retail Invoice Matching Release 13.0.1 documentation set:

- *Oracle Retail Invoice Matching Data Model*
- *Oracle Retail Invoice Matching Installation Guide*
- *Oracle Retail Invoice Matching Online Help*
- *Oracle Retail Invoice Matching Operations Guide*
- *Oracle Retail Invoice Matching User Guide*
- *Oracle Retail Merchandising Batch Schedule*
- *Oracle Retail Merchandising Implementation Guide*