Oracle Retail Merchandising System
Release Notes
Release 13.1.2
February 2010

Oracle Retail Merchandising System (RMS) Release 13.1.2 is a patch release for RMS 13.1. RMS 13.1.2 includes selected defect fixes and enhancements for RMS 13.1 code.

Oracle Customer Support investigates submitted issues assuming that all released updates have been applied. It is the customer's decision when to apply a new release; however, delays in applying updates can complicate the support process.

About Patch Releases
Oracle Retail patch releases are periodic releases that can include the following:

- New defect fixes and product enhancements
- All of the defect fixes and enhancements that have been released through bundled hot fix releases since the last patch release

Note: Customers can choose whether to apply bundled hot fix releases, or wait for the next patch release. You must apply this patch release to upgrade your installation to the currently supported level:

- Customers who have applied all bundled hot fix releases must apply all new defect fixes and enhancements included in the patch release.
- Customers who have not applied bundled hot fix releases can instead apply the patch release, which also includes the fixes and enhancements from the bundled hot fix releases.

Documentation for patch releases includes the following:

- New and updated guides (for example, operations and user guides) that apply to the patch release level. These documents include all updates made since the last patch release. Documents revised for this patch release supersede and replace all previous document versions. See "Related Documentation" for a list of the documents published for RMS 13.1.2.
- Defect reports for new fixes and enhancements for the patch release.
- Defect reports for all bundled hot fix releases since the last patch release.
- All document versions that were released with bundled hot fix releases.
See the Oracle Retail Merchandising System Installation Guide for Release 13.1.2 for instructions about how to apply the defect fixes and enhancements that you have not already applied.

Hardware and Software Requirements
See the Oracle Retail Merchandising System Installation Guide for information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility

Applying Source Code
Before applying the RMS 13.1.2 patch release, be sure that:

- RMS 13.1 has been installed
- Patch release RMS 13.1.1 has been applied

If you have applied RMS bundled hot fix releases 13.1.1.2 through 13.1.1.5, you can apply just the new fixes and enhancements. If you have not applied any bundled hot fix releases, you can apply all fixes and enhancements by applying the RMS 13.1.2 patch release. See "About Patch Releases."

Before applying the source files over your code:

- Note whether any modules have been customized. If so, the customizations must be reapplied to the new version of the module, or the fix may need to be applied to the custom version of the code.
- Copy the original files to a different directory before you copy over them, in case you need to refer to them at a later date.

Running Scripts
Back up data before running any script, because the scripts provided do not preserve data. See defect reports for details.

Check with your database administrator to determine whether your database should be analyzed after a script is run. In many cases, analysis of the database is necessary to take advantage of new or modified indexes intended to improve performance of the application.
Functional Enhancements

Oracle Retail Merchandising System Release 13.1.2 includes the following functional enhancements introduced since Release 13.1.1. All of these functional enhancements were originally included in the RMS 13.1.1.2 bundled hot fix release.

Transfer Entity Maintenance

The transfer entity maintenance window allows association of multiple transfer entities with a single set of books.

Supplier Importer/Exporter Maintenance

When importer/exporters are associated with supplier sites, validation is added to ensure that the importer/exporter’s organizational unit has also been associated with the supplier site.

Upcharge Maintenance

The department upcharge maintenance window is changed to allow an importer/exporter in the from location field. Transfer creation is changed to apply the upcharges that are defined at department or item-location level.

The following areas of the system have been modified to ensure that the validation described previously will prevent an importer/exporter from being associated with a purchase order, where the importer/exporter does not share an organizational unit with the supplier site from the same purchase order:

- Replenishment attribute maintenance
- EDI Order Acknowledge Upload (ediupack)
- Direct store orders from SIM
- XOrder RIB messages

For EDI Order Acknowledge Upload (ediupack), direct store orders from SIM, and XOrder RIB messages, the validation between organizational unit of supplier site and organizational unit of location will be skipped, if the supplier site has a default importer/exporter attached to it.

Manual Purchase Orders

For purchase orders that contain an importer, the validation is bypassed between the organizational unit of the supplier site and the organizational units of the delivery locations. In addition, the validation prevents an importer/exporter from being associated with a purchase order, where the importer/exporter does not share an organizational unit with the supplier site from the same purchase order. The validations also apply to domestic purchase orders that contain an importer/exporter. The existing label Importer Id in Ordhead is renamed to ‘Importer / Bill-to’. This field is open for both import and domestic purchase orders. If the supplier has a default importer, the bill-to field is defaulted with the default importer. If the user wants to raise a domestic purchase order using the same supplier, the importer can be removed manually. If this field has a value, validation is performed between the supplier site and this field; otherwise, validation is performed between the supplier site and order location. If the bill-to
location has a value and purchase order receipt occurs at a different location, post transaction codes 30/32 or 37/38 are posted, based on the legal entity concept. There is an additional field Import / Bill-to Loc Type in the ordhead table. This can have the following values: Store, Warehouse, Importer, or Exporter.

**Changes to Tran Data Posting**
Currently, the tran data postings incorrectly assume that the importer/exporter on a purchase order resides in a different legal entity from the delivery locations on the purchase order, and intercompany transactions are always posted. In addition, the posting process does not take into account the RMS system configuration parameter for determining the intercompany transfer basis. The transfer type for these transfers will not be inter-company book (ICB) transfers, but rather system generated (SG) transfers. All other functionalities pertaining to ICB transfers will be applicable for SG transfers.

See the defect reports for bug 8739673 (Release 13.1.1.2) for more details.

**Technical Enhancements**
Oracle Retail Merchandising System Release 13.1.2 includes the following technical enhancements. These enhancements are new for Release 13.1.2.

**Language Enablement**

**New Translations**
For Release 13.1.2, Oracle Retail Merchandising System is translated into the following languages, in addition to the language translations previously supported:

- Dutch (NL)
- Greek (EL)
- Hungarian (HU)
- Polish (PL)
- Swedish (SV)
- Turkish (TR)

**Supported Translations**
RMS is now translated into all of the following languages:

- Chinese (Simplified) (ZHS)
- Chinese (Traditional) (ZHT)
- Dutch (NL)
- English (EN)
- French (FR)
- German (DE)
- Greek (EL)
- Hungarian (HU)
Integration Enhancements

Oracle Retail Merchandising System Release 13.1.2 includes the following integration enhancements introduced since Release 13.1.1.

Integration with Merchandise Financial Planning

To enable integration between RMS and Oracle Retail Merchandise Financial Planning (MFP), new data extracts have been developed and existing hierarchy files have been modified. These enhancements are new for RMS 13.1.2.

Note: RMS 13.1.2 integrates with MFP 13.0.4.20 running on Oracle Retail Predictive Application Server (RPAS) 13.0.4.20.

Data Extracts

The following two data extracts have been developed:

- On-order extract
  
  This extract contains future on-order quantities, as well as the cost and retail values of these quantities. The data is aggregated to week/parent-diff/location level. This extract is run on a weekly basis, because it contains a summary of data by week.

- Inventory extract
  
  This extract contains the current inventory quantities, as well as the cost and retail values of these quantities. The data is aggregated to a week/parent-diff/location level. This extract is run on a weekly basis, because it contains a summary of data by week.

Hierarchy Files

In addition to the two new extracts, MFP now transforms the RMS hierarchy extracts that previously existed and were consumed by Oracle Retail Demand Forecasting (RDF). This transformation creates load-ready product, location, and calendar hierarchy files. The hierarchy files contain the required levels and positions needed to support the MFP business process. The positions in these files match the position information in the data files.
For information about these data extract programs, see the chapter about MFP integration in the Oracle Retail Merchandising System Operations Guide, Volume 1.

Integration with Financial Applications Through Oracle Application Integration Architecture (AIA)

The following Oracle Retail applications can be integrated with Oracle E-Business Suite or PeopleSoft Enterprise Financials using Oracle Application Integration Architecture (AIA):

- Oracle Retail Merchandising System (RMS)
- Oracle Retail Sales Audit (ReSA)
- Oracle Retail Invoice Matching (ReIM)
- Oracle Retail Integration Bus (RIB)

Integration with Oracle E-Business Suite

Oracle Financial Operations Control Integration Pack for Retail Merchandising Suite and E-Business Suite Financials Applications is focused on the following key areas:

- Lifecycle data management

  The Financial Operations Control Process Integration Pack allows synchronization of supplier and currency exchange rates, along with validation of chart of accounts information. Integrating this information enables a common framework for the applications, ensuring data consistency, visibility, and transparency.

- Integrated inventory valuation management

  Through the stock ledger, the Oracle Retail Merchandising System provides Oracle General Ledger with the value of ending inventory at cost, using the method the retailer chooses (cost or retail method of accounting).

- Integrated sales revenue recognition

  Oracle Retail Sales Audit provides Oracle General Ledger with the cash and sales journal values summarized from the point-of-sale systems used by the retailer.
Integrated procure-to-pay

Oracle Retail Invoice Matching provides Oracle Accounts Payable with approved and matched invoices, approved debit memoranda, and approved credit note requests.

Integration with PeopleSoft Enterprise Financials
Integration with PeopleSoft Enterprise Financials allows RMS to obtain the following data from PeopleSoft financial applications:

- Supplier and supplier site data
- Currency rates
- Payment terms

RIB is used for currency rates integration. RMS-supplied Web services provide the integration for supplier and payment terms.

This integration also allows the RMS, ReSA, and ReIM applications to perform real-time validation of general ledger account mapping combinations.

Oracle Retail applications can also provide data to PeopleSoft financial applications:

- From RMS, inventory and accounting information can be sent.
- From ReSA, sales information can be sent.
- When integrated with PeopleSoft financial applications, ReIM exports data to accounts payable staging tables or to financial tables, depending on the specific types of transactions.

The integration supports drill-back and drill-forward operations between Oracle Retail applications (RMS, ReSA, and ReIM) and PeopleSoft financial applications, to allow for users of both systems inquiry access to the status of financial transactions.

Resources for Integration with Financial Applications
The following topics describe how to obtain the Oracle Application Integration Architecture (AIA) software and documentation from Media Pack 2.5. There are also specific references to Oracle Retail documentation topics that will assist in the integration.

Downloading AIA Media Pack 2.5 Components
For information about AIA integration of Oracle Retail applications with financial applications, see the following Web page:

http://aia.oraclecorp.com/products/indspc_retailfinancePIP.html

AIA Media Pack 2.5 software and documentation components are available for download from Oracle E-Delivery. To download Media Pack components, first access Oracle E-Delivery and log in:

http://edelivery.oracle.com
On the E-Delivery Media Pack Search page:

1. In the Select a Product Pack field, select **Oracle Application Integration Architecture**.
2. In the Platform field, select **Linux x86**.

The following figure shows the Media Pack Search page.

3. Click **Go**.
4. In the Results section, select and click **Oracle Application Integration Architecture Release 2.5 Media Pack for Linux x86**.
5. Download all necessary components.

**Documentation**

For integration with Oracle E-Business Suite or PeopleSoft Enterprise Financials, see the following AIA and Oracle Retail documentation.

**AIA Documentation**

These documents are available for download from the AIA Media Pack:

- **Oracle Application Integration Architecture: Installation and Upgrade Guide**

**Oracle Retail Documentation**

See the chapters about integration with Oracle E-Business Suite and PeopleSoft Enterprise Financials in the following documents:

- **Oracle Retail Merchandising System Operations Guide, Volume 3**
- **Oracle Retail Invoice Matching Operations Guide**
Defect Fixes and Documentation

A defect fix is a modification to the base Oracle Retail code (for example, a bug fix, a performance enhancement, or a functional enhancement). Each defect fix that is included in this release has a corresponding defect report titled `<defect-number> <module>.PDF` (for example, 1234567 addrb.PDF).

The file `DEFECT MODULE XREF RMS 13.1.2.XLS` lists the new defect fixes for Release 13.1.2, as well as those previously released in bundled hot fix releases 13.1.1.2 through 13.1.1.5. All of these are included in RMS 13.1.2.

Review each defect report carefully before implementing the defect fixes. Please note that scripts do not preserve data. Make sure that all data is backed up before you run any script.

Noteworthy Defect Fixes

The following topics highlight:

- Noteworthy defect fixes and enhancements that are new for Release 13.1.2
- Noteworthy defect fixes and enhancements for bundled hot fix releases 13.1.1.2 through 13.1.1.5

All defect fixes for releases 13.1.1.2 through 13.1.1.5 are also included in Release 13.1.2 and can be applied through the installation of this patch release. See the `Oracle Retail Merchandising System Installation Guide` for Release 13.1.2 for instructions to apply the defect fixes and enhancements that you have not already applied.

---

**Note:** There was no RMS 13.1.1.1 bundled hot fix release.

---

The following are not complete lists. See the cross-reference spreadsheets and defect reports included with this release for complete lists and full details.

Release 13.1.2

The following are noteworthy defect fixes that have not been released previously through a bundled hot fix release. See `DEFECT MODULE XREF RMS 13.1.2.XLS` for a complete list of new defect fixes and enhancements for both RMS 13.1.2 and previous bundled hot fix releases.

<table>
<thead>
<tr>
<th>Defect Number</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>9080002</td>
<td>RMS integration with Merchandise Financial Planning (MFP). The on-order extract contains the future on-order quantities, as well as the cost and retail value of these quantities. The data is aggregated to week/parent-diff/location level.</td>
</tr>
<tr>
<td>9288266</td>
<td>The MFP Location hierarchy requires channel information from RMS. This new field needs to be added as part of RMS location extracts (warehouse and store).</td>
</tr>
<tr>
<td>9104464</td>
<td>Additions of the following languages to RMS: Turkish, Hungarian, Dutch, Greek, Polish, Swedish.</td>
</tr>
</tbody>
</table>
**Release 13.1.1.5**

The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.1.1.5 release. These are also included in the RMS 13.1.2 patch. See [DEFECT MODULE XREF RMS 13.1.1.5.XLS](#) for a complete list of RMS 13.1.1.5 defect fixes.

<table>
<thead>
<tr>
<th>Defect Number</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>9063696</td>
<td>The source_method and source_wh fields are missing in the RMS Item Subscription API. This results in null values for the fields source_wh and source_method in ITEM_LOC.</td>
</tr>
<tr>
<td>9063704</td>
<td>The AIP_CASE_TYPE, BANNED_ITEM_IND, and PRIMARY_CASE_SIZE columns of item_master and item_supplier are not populated through the XITEM API in an AIP enabled environment.</td>
</tr>
<tr>
<td>9063716</td>
<td>When suppliers are created or maintained from an external system, RMS does not capture the supplier secondary description.</td>
</tr>
<tr>
<td>9071192</td>
<td>When a deal is created without country of sourcing, the future_cost is not calculated.</td>
</tr>
<tr>
<td>9114475</td>
<td>The fthreadexec program fails with a deadlock error when multiple deals share the same process ID.</td>
</tr>
</tbody>
</table>

**Release 13.1.1.4**

The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.1.1.4 release. These are also included in the RMS 13.1.2 patch. See [DEFECT MODULE XREF RMS 13.1.1.4.XLS](#) for a complete list of RMS 13.1.1.4 defect fixes.

<table>
<thead>
<tr>
<th>Defect Number</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>8910319</td>
<td>For a billback rebate, the importer is not interfaced to ReIM.</td>
</tr>
<tr>
<td>9026239</td>
<td>After the RMS 13.1.1.2 patch was applied, the Order Maintenance screen started displaying an error message when creating import orders: 'Importer/Bill to Loc is required.'</td>
</tr>
</tbody>
</table>

**Release 13.1.1.3**

The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.1.1.3 release. These are also included in the RMS 13.1.2 patch. See [DEFECT MODULE XREF RMS 13.1.1.3.XLS](#) for a complete list of RMS 13.1.1.3 defect fixes.

<table>
<thead>
<tr>
<th>Defect Number</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>8798135</td>
<td>Bugs related to Oracle Retail integration with Oracle E-Business Suite and PeopleSoft Enterprise Financials using Oracle Application Integration Architecture (AIA)</td>
</tr>
<tr>
<td>8850542</td>
<td></td>
</tr>
<tr>
<td>8779729</td>
<td></td>
</tr>
</tbody>
</table>
Integration Accelerator Patch (BPEL) Defect Fixes
The following defect fixes apply to integration with Oracle E-Business Suite using the Integration Accelerator Patch (BPEL).

- 8866007
- 8929890
- 8935518
- 8935639

If you use the Integration Accelerator Patch, download these fixes from My Oracle Support at the following URL:

https://support.oracle.com

Release 13.1.1.2
The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.1.1.2 release. These are also included in the RMS 13.1.2 patch. See DEFECT MODULE XREF RMS 13.1.1.2.XLS for a complete list of RMS 13.1.1.2 defect fixes.

<table>
<thead>
<tr>
<th>Defect Number</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>7692459</td>
<td>An error occurs when the purchase order header maintenance form is opened.</td>
</tr>
<tr>
<td>8865613</td>
<td>Errors occur when the ReSA transaction details form is opened.</td>
</tr>
</tbody>
</table>

Known Issues
The following are known issues for RMS 13.1.2.

Defect 9289618
A number of XITEM defect fixes need to be ported forward to RMS 13.1.2. A fix is being developed.

Related Documentation
For more information, see the following documents in the Oracle Retail Merchandising System Release 13.1.2 documentation set:

- Oracle Retail Merchandising System Data Model
- Oracle Retail Merchandising System Installation Guide
- Oracle Retail Merchandising System Online Help
- Oracle Retail Merchandising System Operations Guide (Volumes 1 - 3)
- Oracle Retail Merchandising System User Guide
- Oracle Retail Merchandising Batch Schedule
- Oracle Retail Sales Audit User Guide
- Oracle Retail Trade Management User Guide
Supplemental Documentation at My Oracle Support

Also see the following articles in the Oracle Support Knowledge Base. Access My Oracle Support at the following URL:

https://support.oracle.com

*Index of Noteworthy Oracle Retail Knowledge Base Articles* (ID 989300.1)

Oracle Retail periodically publishes supplemental documents that provide details that add to the information provided in the standard documentation released with Oracle Retail products. These supplemental documents are available as Knowledge Base articles at My Oracle Support. They include materials such as white papers, instructional notes, lists of fixes, test cases, and support alerts. For each document, this index provides the Knowledge Base article title, ID, pertinent applications, publication date, and a description of content.
Oracle® Retail Merchandising System Release Notes, Release 13.1.2

Copyright © 2010, Oracle. All rights reserved.

The Programs (which include both the software and documentation) contain proprietary information; they are provided under a license agreement containing restrictions on use and disclosure and are also protected by copyright, patent, and other intellectual and industrial property laws. Reverse engineering, disassembly, or decompilation of the Programs, except to the extent required to obtain interoperability with other independently created software or as specified by law, is prohibited.

The information contained in this document is subject to change without notice. If you find any problems in the documentation, please report them to us in writing. This document is not warranted to be error-free. Except as may be expressly permitted in your license agreement for these Programs, no part of these Programs may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose.

If the Programs are delivered to the United States Government or anyone licensing or using the Programs on behalf of the United States Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the Programs, including documentation and technical data, shall be subject to the licensing restrictions set forth in the applicable Oracle license agreement, and, to the extent applicable, the additional rights set forth in FAR 52.227-19, Commercial Computer Software--Restricted Rights (June 1987). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

The Programs are not intended for use in any nuclear, aviation, mass transit, medical, or other inherently dangerous applications. It shall be the licensee's responsibility to take all appropriate fail-safe, backup, redundancy and other measures to ensure the safe use of such applications if the Programs are used for such purposes, and we disclaim liability for any damages caused by such use of the Programs. Oracle, JD Edwards, PeopleSoft, and Siebel are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

The Programs may provide links to Web sites and access to content, products, and services from third parties. Oracle is not responsible for the availability of, or any content provided on, third-party Web sites. You bear all risks associated with the use of such content. If you choose to purchase any products or services from a third party, the relationship is directly between you and the third party. Oracle is not responsible for: (a) the quality of third-party products or services; or (b) fulfilling any of the terms of the agreement with the third party, including delivery of products or services and warranty obligations related to purchased products or services. Oracle is not responsible for any loss or damage of any sort that you may incur from dealing with any third party.

Value-Added Reseller (VAR) Language

Oracle Retail VAR Applications

The following restrictions and provisions only apply to the programs referred to in this section and licensed to you. You acknowledge that the programs may contain third party software (VAR applications) licensed to Oracle. Depending upon your product and its version number, the VAR applications may include:

(i) the software component known as ACUMATE developed and licensed by Lucent Technologies Inc. of Murray Hill, New Jersey, to Oracle and imbedded in the Oracle Retail Predictive Application Server - Enterprise Engine, Oracle Retail Category Management, Oracle Retail Item Planning, Oracle Retail Merchandise Financial Planning, Oracle Retail Advanced Inventory Planning, Oracle Retail Demand Forecasting, Oracle Retail Regular Price Optimization, Oracle Retail Size Profile Optimization, Oracle Retail Replenishment Optimization applications.

(ii) the MicroStrategy Components developed and licensed by MicroStrategy Services Corporation (MicroStrategy) of McLean, Virginia to Oracle and imbedded in the MicroStrategy for Oracle Retail Data Warehouse and MicroStrategy for Oracle Retail Planning & Optimization applications.

(iii) the SeeBeyond component developed and licensed by Sun Microsystems, Inc. (Sun) of Santa Clara, California, to Oracle and imbedded in the Oracle Retail Integration Bus application.

(iv) the Wavelink-component developed and licensed by Wavelink Corporation (Wavelink) of Kirkland, Washington, to Oracle and imbedded in Oracle Retail Mobile Store Inventory Management.

(v) the software component known as Crystal Enterprise Professional and/or Crystal Reports Professional licensed by SAP and imbedded in Oracle Retail Store Inventory Management.

(vi) the software component known as Access Via™ licensed by Access Via of Seattle, Washington, and imbedded in Oracle Retail Signs and Logos and Oracle Retail Labels and Tags.

(vii) the software component known as Adobe Flex™ licensed by Adobe Systems Incorporated of San Jose, California, and imbedded in Oracle Retail Promotion Planning & Optimization application.

(viii) the software component known as Style Report™ developed and licensed by InetSoft Technology Corp. of Piscataway, New Jersey, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

(ix) the software component known as DataBeacon™ developed and licensed by Cognos Incorporated of Ottawa, Ontario, Canada, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

You acknowledge and confirm that Oracle grants you use of only the object code of the VAR Applications. Oracle will not deliver source code to the VAR Applications to you. Notwithstanding any other term or condition of the agreement and this ordering document, you shall not cause or permit alteration of any VAR Applications. For purposes of this section, "alteration" refers to all alterations, translations, upgrades, enhancements, customizations or modifications of all or any portion of the VAR Applications including all reconfigurations, reassembly or reverse assembly, re-engineering or reverse engineering and recompilations or reverse compilations of the VAR Applications or any derivatives of the VAR Applications. You acknowledge that it shall be a breach of the agreement to utilize the relationship, and/or confidential information of the VAR Applications for purposes of competitive discovery.

The VAR Applications contain trade secrets of Oracle and Oracle’s licensors and Customer shall not attempt, cause, or permit the alteration, decompilation, reverse engineering, disassembly or other reduction of the VAR Applications to a human perceivable form. Oracle reserves the right to replace, with functional equivalent software, any of the VAR Applications in future releases of the applicable program.