

Oracle® Retail Merchandising System

Release Notes

Release 13.2.4

March 2012

Oracle Retail Merchandising System (RMS) Release 13.2.4 is a patch release for RMS 13.2. RMS 13.2.4 includes selected defect fixes and enhancements for RMS 13.2 code, as well as fixes and enhancements for Oracle Retail Fiscal Management (ORFM).

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.

RMS Localized for Brazil

The Oracle Retail Fiscal Management (ORFM) module is an optional module for RMS 13.2 to support Brazil localization and the particular tax requirements of Brazil. For more information, see "[Brazil Localization and Oracle Retail Fiscal Management](#)" later in this document.

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.
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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 13.2.4.

- 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.

Note: Documentation is separated into folders that are identified by release numbers. Documents for bundled hot fix releases are provided again as a historical record of the changes made since the last patch release. Always refer to the most recent document versions that apply to the release level you have installed.

See the *Oracle Retail Merchandising System Installation Guide* for Release 13.2.4 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 the Patch Release

Before applying the RMS 13.2.4 patch release, be sure that:

- RMS 13.2 has been installed
- Patch releases RMS 13.2.1 through 13.2.3 have been applied

Before applying the new 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.

Integration Enhancements

The following integration enhancements are included in Oracle Retail Merchandising System Release 13.2.4.

Oracle Retail Store Inventory Management (SIM) Integration

Receipt Date Added for Direct Store Deliveries

Direct store delivery receipt info sent from SIM to RMS did not have the receipt date as part of the message. Because of this, RMS defaulted the receipt date to VDATE. This is not always correct, because it is possible to post late receipts. The message is now modified to include a receipt date field.

Returns to Warehouse and Vendor from Unavailable Stock

When RMS creates a return to vendor or warehouse from unavailable stock, SIM would only ship from available stock, and could not indicate on the appropriate messages that unavailable inventory was being sent. SIM then made inventory adjustments to move the unavailable inventory to available and the ship the return to vendor or warehouse with available inventory. This caused discrepancies in RMS, because the transaction was created for unavailable inventory, not available inventory. This is now resolved by adding inventory status in the message.

Technical Enhancements

The following are technical enhancements for Oracle Retail Merchandising System Release 13.2.4.

Software Operating Environment Upgrades

The following are enhancements to the software operating environment options for RMS 13.2.4:

- Oracle JRockit R28 (Java 6)
RMS Release 13.2.4 is supported for use with the Oracle JRockit R28 implementation of Java 6 for Oracle Linux and Oracle Solaris 64-bit operating systems.
- Oracle WebLogic Server 11g Release 1
RMS Release 13.2.4 is supported for use with Oracle WebLogic Server 11gR1 (10.3.4).
- Oracle Forms 11g Release 1
RMS Release 13.2.4 is supported for use with Oracle Forms 11gR1 (11.1.1.4).
- Oracle Internet Directory 11g Release 1
RMS Release 13.2.4 is supported for use with Oracle Internet Directory (OID) 11gR1 (11.1.1.5).

Documentation Enhancements

The following documents are available on the My Oracle Support Web site. Access My Oracle Support at the following URL:

<https://support.oracle.com>

Oracle Retail Merchandising System and Store Inventory Management Integration Notes (ID 1424596.1)

This paper highlights some specific functional best practices when integrating Oracle Retail Merchandising System (RMS) and Oracle Retail Store Inventory Management (SIM). Certain functionalities are not integrated between the applications and should be avoided or planned around. The list in this paper is not comprehensive.

RIB Integration Guide (ID 1277421.1)

The RIB Integration Guide is an HTML document that summarizes the Oracle Retail messaging integration by functional area. Each functional area (or message family) includes the publishing and subscribing application's components, message documents, and TAFR operations (if applicable).

Noteworthy Defect Fixes

The following topics highlight:

- Noteworthy defect fixes and enhancements that are new for Release 13.2.4
- Noteworthy defect fixes and enhancements for bundled hot fix releases 13.2.3.1 through 13.2.3.3

All defect fixes for releases 13.2.3.1 through 13.2.3.3 are also included in Release 13.2.4 and can be applied through the installation of this patch release. See the *Oracle Retail Merchandising System Installation Guide* for Release 13.2.4 for instructions to apply the defect fixes and enhancements that you have not already applied.

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 13.2.4

Numerous defect fixes and enhancements are included in the RMS 13.2.4 release. See the following defect reports for summaries of these changes:

- 13563494 - Items and foundation data
- 13563502 - Procurement
- 13563509 - Inventory
- 13563515 - Others

See **DEFECT MODULE XREF RMS 13.2.4.XLS** for a complete list of new defect fixes and enhancements for both RMS 13.2.4 and previous bundled hot fix releases.

Release 13.2.3.3

The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.2.3.3 release. These are also included in the RMS 13.2.4 patch. See **DEFECT MODULE XREF RMS 13.2.3.3.XLS** for a complete list of RMS 13.2.3.3 defect fixes.

Defect Number	Summary
13323968	After batch_orpos_extract.ksh is run with the -c switch (generating a .JAR package for Oracle Retail Central Office) in the package dedicated for ORCO, the file ItemClassificationMod.XML is missing.
13486331	Tran code 73 records are not being rolled up to the stock ledger.
13537890	Fixes related to future cost.
13564810	
13608093	
13613769	
13622043	
13626796	
13650066	

Release 13.2.3.2

The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.2.3.2 release. These are also included in the RMS 13.2.4 patch. See **DEFECT MODULE XREF RMS 13.2.3.2.XLS** for a complete list of RMS 13.2.3.2 defect fixes.

Defect Number	Summary
13341648	Summary of performance fixes.
13350567	VAT indicator changes in system options.
13397201	Summary of functional defect fixes from the development team.

Release 13.2.3.1

The following are noteworthy defect fixes and enhancements that were provided in the RMS 13.2.3.1 release. These are also included in the RMS 13.2.4 patch. See **DEFECT MODULE XREF RMS 13.2.3.1.XLS** for a complete list of RMS 13.2.3.1 defect fixes.

Defect Number	Summary
12751596	RMS allows the user to delete an area differential strategy referenced by an active worksheet.
12930297	The reason description for price changes is not displayed on the Price and Margin History screen.
13104895	The MerchExtractKickOffBatch job aborts, and an error message is issued.

Related Documentation

For more information, see the following documents in the Oracle Retail Merchandising System Release 13.2.4 documentation set:

- *Oracle Retail Merchandising System Data Model*
- *Oracle Retail Merchandising System Installation Guide*
- *Oracle Retail Merchandising System Operations Guide*
- *Oracle Retail Merchandising System User Guide* and online help
- *Oracle Retail Merchandising Batch Schedule*
- *Oracle Retail Merchandising Implementation Guide*
- *Oracle Retail Sales Audit User Guide*
- *Oracle Retail POS Suite 13.4.1 / Merchandising Operations Management 13.2.4 Implementation Guide*

See also "[Documentation Enhancements](#)."

Brazil Localization and Oracle Retail Fiscal Management

Note: This section of the Release Notes applies only if you have localized RMS for Brazil operations by installing the Oracle Retail Fiscal Management (ORFM) module.

Release History

Oracle Retail Fiscal Management is an optional module of the RMS application. Not all RMS patch or bundled hot fix releases include ORFM updates.

- Release 13.2 was the original release of the ORFM module.
- Patch releases 13.2.1 through 13.2.3 included ORFM updates. These patches must be applied before you can apply this patch release to RMS and ORFM.
- Bundled hot fix release 13.2.3.2 also included updates to ORFM. This was the only bundled hot fix release that included ORFM updates. These updates are also included in Release 13.2.4 and can be applied by installing this release.

RMS bundled hot fix releases 13.2.3.1 and 13.2.3.3 did not include any updates to ORFM.

Functional Enhancements

The following are functional enhancements in Oracle Retail Fiscal Management 13.2.4.

Full-Time Nota Fiscal Entry

This functionality enables nota fiscal processing for stores and warehouses that ship and receive 24 hours a day, seven days a week. The Oracle Retail Integration Bus (RIB) and RMS application servers do not need to be turned off during the night. During nightly batch cycles, RMS forms are locked, ORFM processing is allowed, and messages are staged. After the batch cycle is completed, the staged messages are picked up by RMS to process shipment and receipt messages.

Oracle Retail Warehouse Management System (RWMS) and Oracle Retail Store Inventory Management (SIM) send receipt messages through RIB to RMS. In Brazil, fiscal and physical receiving are closely associated. ORFM matches the nota fiscal information against the receipt, and then RMS takes in the receipt. Calls to the external tax engine to calculate the tax on the receipt are based on the current weighted average cost. ORFM needs RMS to take in receipts at all times.

The ORFM user interface must be available during the batch cycle for the following reasons:

- So that the nota fiscal matching process can be completed and physical receipt can proceed
- For an outbound shipment, so that the nota fiscal can be approved and printed by a user

The ORFM user interface also calls the RMS consume logic that performs inserts, updates, and deletions on RMS tables.

The following changes are made to support full-time nota fiscal processing:

- A new RMS batch running status indicator has been added.
- Prepost jobs have been added to set the batch running status at the beginning and end of the RMS batch cycle.
- For Brazil-localized installation, the affected RIB subscribers are left on during the night. These subscribers are ASNOut, Transfer and PO Receiving, Return to Vendor (RTV), and Inventory Adjustment.
- The RMS forms application server is left on during the night. RMS forms are configured to 'not available during night' and ORFM forms are configured to 'available during night.'
- After messages are routed to ORFM, they are staged for RMS processing. A new Hold status was introduced for staged messages. This status indicates that a message was processed by ORFM but has not yet been processed by RMS.
- ORFM batch jobs have been introduced to process all staged messages in the proper sequence. This batch sequence runs after the normal RMS batch cycle is completed.

Prevalidating Nota Fiscal Documents

In prior releases, it was required to create a schedule before a nota fiscal document was created in ORFM. There were no provisions to create a nota fiscal without associating it with the schedule, or to remove the nota fiscal association with a schedule. Electronic Data Interchange (EDI) nota fiscal documents were created through the user interface.

In this release, you can create and validate a nota fiscal without a schedule. You can link the nota fiscal to a new or existing schedule before it is submitted for receiving. You can also remove links to the schedule from existing nota fiscal documents. However, you cannot link or unlink new or existing nota fiscal documents after they are submitted for receiving. EDI nota fiscal documents are created through a batch process and not linked to any schedule. The batch process initiates the validation process for the documents created.

Location Sequencing

All inventory movements (store or a warehouse) are accompanied by nota fiscal documents in Brazil. The sequence of nota fiscal document numbers generated is controlled by ORFM for all exit operations.

Each location controls its own sequence based on the following fields:

- Documentation Type
- Serial/Sub-serials
- Sequence
- Effective date

It is a legal requirement that the nota fiscal number sequences range from 1 to 999999. They must be unique by location, sequence, and documentation type combination. The sequence restarts with the same serial number or a different serial number after the maximum number is reached. This functionality is set up manually in ORFM.

Generic/Non Localization Flexible Attribute Solution (LFAS) Attributes

Before this release, fiscal attributes were maintained using LFAS. Fiscal attributes were used to make tax calls to TaxWeb and retrieve the taxes. There was an extendable structure to accommodate new future fiscal attributes, by sending these new fiscal attributes to TaxWeb in name/value pairs.

In this release, non-LFAS attributes (generic attributes) are defined in the LFAS metadata using custom scripts and the customer's setup validation routines at the entity/attribute group/attribute level for an entity. The Fiscal Reclassification screen is enhanced to include the old and new values for additional attributes defined by the customer.

Supporting Vendor Product Number (VPN)

In previous releases, there was no provision to allow entry of a VPN during nota fiscal entry, either through the Fiscal Header form or EDI batch process. In this release, you can enter the VPN if the RMS number is unavailable. This is available during data entry from the NF Header form and the Fiscal Docs Find form. The corresponding item number of the VPN entered is fetched and displayed in the Item field on the forms.

Documentation Enhancements

The following documents are available on the My Oracle Support Web site. Access My Oracle Support at the following URL:

<https://support.oracle.com>

Overview and Interfaces: Tax Vendor Integration (ID 1424048.1)

Oracle chooses to integrate with a third party tax expert to delivery the Brazilian solution. Oracle has built the Retail Tax Integration layer (RTIL) as the key integration component to support the integration of Oracle suite of products with external tax vendors. This paper addresses the RTIL integration interfaces with TaxWeb, providing guidance on the typical integration interfaces and operations that must be supported by other tax solutions in the Brazilian market.

Oracle Retail Fiscal Management/RMS Brazil Localization: Localization Flexible Attribute Solution (LFAS) (ID 1418509.1)

This white paper addresses the definition of custom attributes in the localization flexible attribute solution (LFAS) and enables retailers to perform data conversion changes. You can add several new custom attributes to items and suppliers through non-base LFAS for Brazil and extend Retail Tax Integration Layer (RTIL) through Oracle Retail Merchandising System (RMS), and the Oracle Retail Fiscal Management (ORFM) system.

Noteworthy ORFM Defect Fixes

The following topics highlight:

- Noteworthy defect fixes and enhancements that are new for Release 13.2.4
- Noteworthy defect fixes and enhancements for bundled hot fix release 13.2.3.2

All defect fixes for Release 13.2.3.2 are also included in Release 13.2.4 and can be applied through the installation of this patch release.

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ORFM was creating an outbound nota fiscal incorrectly for a shipment that had multiple items with different weight units of measure (UOM).

ORFM now works as intended for all the items having different UOMs in the shipment. Brazil uses the metric system, and the nota fiscal shows 'KG' as the UOM at the header. The total weight is calculated in KG regardless of different UOMs for the items.

See **DEFECT MODULE XREF ORFM 13.2.4.XLS** and the defect reports for a complete list of defect fixes and enhancements for ORFM 13.2.4, including those from the previous bundled hot fix release.

Release 13.2.3.2

The following defect fixes and enhancements were included in ORFM bundled hot fix release 13.2.3.2. See the defect reports and **DEFECT MODULE XREF ORFM 13.2.3.2.XLS** for details.

Defect Number	Summary
13034157	RMA: Unit cost calculated incorrectly on the NF screen.
13341660	Summary of other defect fixes to ORFM.

Known Issues

The following are known issues for Oracle Retail Fiscal Management 13.2.4.

Defect Number	Summary
13030601	When Oracle Retail Store Inventory Management (SIM) or Oracle Retail Warehouse Management System (RWMS) is integrated with RMS/ORFM, a transfer or purchase order receipt with multiple containers is merged into a single container. This results in missing container issues in the destination location, as well as in RMS during the inventory update.
13793003	UOM taxes returned by Tax Rules do not vary with the change in dimensions set in item_supp_country setup.
13903371	<p>The ORFM script code_detail_trans_ptb.sql was designed to insert all Portuguese ORFM records into the CODE_DETAIL_TRANS table. Before doing so, it should delete all Portuguese ORFM records. Instead, it deletes all Portuguese records, including ORFM and RMS records. Only the ORFM records are then restored in the script; all RMS records are lost.</p> <p>The result is that a user running RMS with ORFM in Portuguese may see English text in some places in RMS. This includes portions of the hierarchy screens and most drop-down menus.</p> <p>This issue applies only under these conditions:</p> <ul style="list-style-type: none">English is set as the RMS primary language (SYSTEM_OPTIONS.PRIMARY_LANG=1)The user's language is set to Portuguese (USER_ATTRIB.LANG=12) <p>If the RMS primary language is set to Portuguese, this issue does not apply.</p> <p>A fix is in development.</p>
13904016	When import purchase orders are created in the Brazil environment, Brazilian taxes are not calculated. Nota fiscal documents are not created for these purchase orders.
13904061	TaxWeb Tax Rules does not support service items, but RMS localized for Brazil recognizes them. Because of this discrepancy, when RTIL makes the call to TaxWeb Tax Rules, null errors result in ORFM.

ORFM Related Documentation

For more information, see the following documents in the Oracle Retail Fiscal Management Release 13.2.4 documentation set:

- *Oracle Retail Fiscal Management Data Model*
- *Oracle Retail Fiscal Management User Guide* and online help
- *Oracle Retail Fiscal Management / RMS Brazil Localization Implementation Guide*
- *Oracle Retail Fiscal Management and Brazil Localization Installation Guide*
- *Oracle Retail Merchandising System / Sales Audit Brazil Localization User Guide*

See also "[Documentation Enhancements](#)."

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Value-Added Reseller (VAR) Language

Oracle Retail VAR Applications

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