

Oracle® Retail Merchandising System

Release Notes

Release 12.0.5IN

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- (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.
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- (iv) the **Wavelink** component developed and licensed by Wavelink Corporation (Wavelink) of Kirkland, Washington, to Oracle and imbedded in Oracle Retail Store Inventory Management.
- (v) the software component known as **Crystal Enterprise Professional and/or Crystal Reports Professional** licensed by Business Objects Software Limited (“Business Objects”) 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 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.

Preface

A Release Notes document can include some or all of the following sections, depending upon the release:

- Overview of the release
- Functional, technical, integration, and performance enhancements
- Assumptions
- Fixed defects
- Known issues

Audience

Release Notes are a critical communication link between Oracle Retail and its retailer clients. There are four general audiences in general for whom a Release Notes document is written:

- Retail clients who want to understand the contents of this release
- Staff who have the overall responsibility for implementing Oracle Retail Merchandising System in their enterprise
- Business analysts who want high-level functional information about this release
- System analysts and system operation personnel who want high-level functional and technical content related to this release

Related Documents

For more information, see the following documents in the Oracle Retail Merchandising System Release 12.0.5 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
- Oracle Retail Merchandising System Batch Schedule
- Oracle Retail Merchandising System User Guide

Customer Support

<https://metalink.oracle.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Review Patch Documentation

For a base release (".0" release, such as 12.0), Oracle Retail strongly recommends that you read all patch documentation before you begin installation procedures. Patch

documentation can contain critical information related to the base release, based on new information and code changes that have been made since the base release.

Oracle Retail Documentation on the Oracle Technology Network

In addition to being packaged with each product release (on the base or patch level), all Oracle Retail documentation is available on the following Web site:

http://www.oracle.com/technology/documentation/oracle_retail.html

Documentation should be available on this Web site within a month after a product release. Note that documentation is always available with the packaged code on the release date.

Conventions

Navigate: This is a navigate statement. It tells you how to get to the start of the procedure and ends with a screen shot of the starting point and the statement “the Window Name window opens.”

Note: This is a note. It is used to call out information that is important, but not necessarily part of the procedure.

This is a code sample
It is used to display examples of code

A hyperlink appears like this.

Release Notes

Overview

This document explains the changes made to the Oracle Retail Merchandising System 12.0.5IN for release in India.

Functional Enhancements

Multiple Maximum Retail Price (MMRP)

- A new option 'India Localization' has been added to RMS which can be set only during installation. Multiple Maximum Retail Price (MMRP) functionality is enabled only when this option is set to 'Yes'.
- Item Master is modified to capture three new indicators related to MRP:
 - **Retail Less Than MRP:** This indicator defines whether the item supports MRP.
 - **MRP Based Cost:** This indicator defines the basis for the cost price of the item. If enabled, indicates that there is a Fixed Margin relationship between the MRP and the cost of the item. Fixed Margin can be defined at the Item-Supplier level and can be maintained at the Item-Supplier-Origin Country-Location level. For items having MRP Based Cost enabled, the cost for the item is calculated based on the MRP and Fixed Margin.
 - **Multiple MRP:** This indicator, if enabled means that at the same location (store or warehouse), the item inventory may exist with more than one MRP.
- On the Item Location screen, the user is defaulted with the MRP set at Item Master. The user can continue with the defaulted MRP or change the MRP if the MRPs at different locations are different.
- At Item-Supplier-Origin Country-Location, the Fixed Margin is defaulted from Item-Supplier, but can be changed and different margins per Item-Supplier-Origin Country-Location can be maintained.
- Item Quick Entry Screen is modified to accommodate all the MRP related changes.
- For items that have Retail Less Than MRP indicator enabled, the MRP of the item from Item-Location is defaulted on the Purchase Orders (PO). The user may change the MRP on the PO. On doing so, MRP Change Request (MCR) is automatically initiated. If newly added Auto approve MCR flag at supplier level is enabled, the MCR is created in Approved status, else the MCR is created in Worksheet status. If the item has MRP Based Cost enabled, on changing the MRP, PO cost changes, the set Fixed Margin being the same. The user may keep this suggested cost or change it, if required.
- When PO receipt takes place in Oracle Retail Store Inventory Management (SIM) or Oracle Retail Warehouse Management System (ORWMS), the user may receive the item with an MRP different than the one on PO. MRP Change Request is automatically initiated. For item having MRP Based Cost enabled, a Receivers' Cost Adjustment (RCA) is also subsequently initiated. RCA created is always in worksheet status and needs to be approved while the MCR can be in worksheet or approved status based on the Auto approve MCR flag set on supplier level.
- MCR can also be created manually through a new screen – MRP Maintenance. On MCR approval, a new record for Item MRP is created in Oracle Retail Price Management System (RPM) table. RPM maintains all the MRPs for an item-location

combination. RMS has visibility to a single MRP known as primary MRP. On changing the Primary MRP in RPM, RMS Item-Location is updated with the new MRP and corresponding Selling Retail.

- Cost Change for an item having MRP Based Cost enabled can be done by setting the new cost or setting the new Fixed Margin.
- In Return-to-Vendor (RTV), for items having Retail Less Than MRP enabled, the Item MRP should be entered. The RTV cost is calculated based on Fixed Margin if MRP Based Cost is enabled which the user can override.
- When a new store is created using Like Store Functionality and all the items are ranged from the Like Store to the new Store, all the MRPs (multiple) for that item-location are copied to the new Item-Location.

Configurable Taxation

- The Configurable taxation module works only if the VAT Indicator option is enabled.
- Few new system options are introduced that set the taxation rules.
- Taxation is supported on purchase, sales transactions, and transfers (inter-company and intra-company). Taxation supports multiple taxes per item for any transaction. Tax-on-tax is also supported.
- A new menu option taxes and duties is introduced. This menu clubs all the maintenance screens used for master data set up.
- Tax Codes can be differentiated as Input Credit (recoverable) and included in Weighted Average Cost (WAC).
- Using Tax Assignment screen, the tax structure for an Item Tax Category can be created. All the factors mentioned above are correlated in Tax Assignment screen to create the tax structure. Tax Assignments can also be created for a future date. Tax assignments may be deactivated.
- For mass creation of tax structures, wizard data entry is provided for Tax Assignment.
- The tax need not always be calculated on the base cost of the item. The formula for calculating different taxable base can be defined in Tax Assignment. The formula may comprise of Cost, Selling Retail, MRP, some cost components like freight and or some taxes as well.
- Every item is associated with a Tax Category. All the items belonging to the same Tax Category have the same tax structure.
- Each supplier, partner and location (store or warehouse) is associated with a Tax Region and Taxpayer Type which is used for tax calculation.
- For POs, transfers, shipments, and RTVs the system displays Tax inclusive cost, Tax amount, and the Tax exclusive cost of the transaction at the header level. A new option Tax Breakup is provided for these transactions at item-location level to display the multiple taxes per item. If the transaction involves Taxes that are included in WAC, WAC is recalculated at the end of these transactions.
- For off-invoice deals, the tax on deal income is calculated. Transaction data is posted for the input taxes at individual tax code level.
- For sales or returns transactions happening at POS, multiple taxes per item can be captured in RMS and the transaction data can be posted for the output taxes at individual tax code level.

Integration Enhancements

Oracle Retail Strategic Store Solutions (POS/BO/CO)

- RMS interfaces the master tax data set up (Tax Assignment) to POS for the Tax Region in which the store is located.
- For every item, RMS interfaces Tax Category, Tax Region and Taxpayer Type of each store, and MRP of the item and the corresponding selling retail to POS.
- The Tax Registration Number (TRN) for the store is interfaced with POS so that one or more TRNs can be printed on the receipt.

Oracle Store Inventory Management (SIM)

- Master data for Tax Region and Taxpayer Type is sent to SIM; when this information is entered in SIM, it is validated.
- Item level indicators–Retail Less Than MRP/ MRP Based Cost/ Multiple MRP and MRP along with the corresponding selling retail per location are sent to SIM.
- For every PO or RTV created in RMS, the supplier’s Tax Region and Taxpayer Type and Item MRP is sent to SIM.
- For every Direct Store Delivery (DSD) receipt and RTV created in SIM, SIM send the supplier’s Tax Region and Taxpayer Type and Item MRP information back to RMS.
- For every DSD receipt, transfer dispatch and RTV, SIM makes an online call to RMS tax engine to get the tax amount for every item in the transaction.

Oracle Retail Price Management (RPM)

- For any newly created item, a new record is created in the RPM table that maintains the MRPs per item-location.
- On approval of MCRs, new records are created in the database table. Each item having Multiple MRP indicator enabled can have multiple MRPs per item-location. Primary MRP can be only one.
- Only RPM can change the primary MRP of the item. This change is sent to RMS as a Price change event. The MRP and the Selling Retail in RMS at Item-Location is updated.

Oracle Retail Invoice Matching (ReIM)

- Tax Assignment and Tax Breakups for the POs and receipts in RMS are used for Tax Discrepancy identification and resolution in ReIM.
- For any tax where Tax Basis formula is based on MRP, ReIM refers to the MRP on PO or shipment in RMS.
- During Tax Discrepancy Resolution, if the user opts to adjust the taxes as per the invoice, a Receiver’s Tax Adjustment (RTA) is created which posts the tax corrections in RMS, transaction data is posted for the adjustment and WAC is re-calculated.
- During Cost Discrepancy Resolution, if the user opts to adjust the cost as per the invoice, a Receiver’s Cost Adjustment (RCA) is triggered which posts the cost and tax corrections in RMS, transaction data is posted for the adjustment and WAC is recalculated.
- During Quantity Discrepancy Resolution, if the user opts to adjust the quantity as per the invoice, a Receiver’s Unit Adjustment (RUA) is triggered which posts the quantity and tax corrections in RMS, transaction data is posted for the adjustment.

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- The RTV invoice (created in RMS), user can have multiple taxes per item based on tax assignment set up.
 - The Evaluated Receipts Settlement (ERS), DSD, and Consignment Invoices created through RMS in ReIM can have multiple taxes per item.

Technical Enhancements

RMS 12.0.5IN is compatible with the following operating systems:

- RDBMS Operating Systems
 - AIX 5.2
 - HP-UX 11.11 (PA-RISC hardware)
 - HP-UX 11.23 (Itanium hardware)
 - Solaris 9
- RDBMS Version - Oracle 9.2.x
- Middle Tier Server Operating System
 - AIX 5.2
 - HP-UX 11.11
 - HP-UX 11.23
 - Solaris 9
- Middle Tier – Oracle 10G AS
- Browser – IE 6.0+
- JRE Plugin – Jinit 1.3.1.19
- Upgraded forms to Oracle 9i 1.1

Known Issues

- The taxation is based on the Tax Category associated with the item; hence the department level taxation is removed. The department level VAT Indicator is always assumed to be ON.
- RMS 12.0.5IN (Localization) is not integrated with RWMS12.0.5IN.
- Multiple MRP feature does not support pack items in RMS and Oracle Retail Sales Audit (ReSA).
- Transformed orderable and transformed sellable items are not supported by localization. Both the Configurable Tax and MMRP needs to be built for Transformed orderable and Transformed sellable items into localization.
- Multiple MRP feature does not support concession and consignment items.
- RMS 12.0.5IN does not support creation of foundation data like items, item locations, orders, transfers, suppliers for the newly introduced Tax/MRP related fields using the APIs from external system.
- When an MCR is cancelled, the PO and the shipment do not get updated with the old MRP and if any tax is based on MRP, it is not recalculated.
- While approving the RCA, if the user checks Supplier Cost Change option, the supplier Cost and the Fixed Margin are not appropriately updated. The system refers to the primary MRP at Item Location for calculating the Fixed Margin or the Cost.
- The system options Taxes Dependent Taxpayer Type and Taxes Dependent on 'From' and 'To' Tax Regions have impact on SIM. Since SIM is not modified to account for it, the system options should always be enabled.

The following defects will be delivered in the next release of RMS:

- 7509025 – When a negative receiver unit adjustment is done for an item in RMS/ReIM, the inventory is reduced at the location, but the WAC remains unchanged.
- 7509132 – In case of short shipment receipt against a transfer, the WAC is calculated incorrectly at the sending location.
- 7513125 – For few items, when locations are attached to them, the MRP at Item-location level is slightly different than suggested retail at item_master level. It is very close to an integer for example if suggested retail is 300, MRP is 299.98. It should be exactly same as the suggested retail. To fix this issue, the fixed margin field has been modified to a 10-digit precision to ensure MRP and Unit cost is consistent. Additionally when margin is changed at Item-Supplier level and there are some countries attached to item, Unit cost at Item-Supp-Country level should be recalculated based on new Margin and Suggested Retail at Item_master Level.
- 7533026 – In case of an item which is created for an assignment with 0% tax, a PL/SQL error is thrown on the item master screen.
- 7532810 – Receiver Cost Adjustment (RCA) was updating the MRP on PO and on its shipment record which is incorrect. In a scenario where RCA is rejected and MCR is approved, the MRP should be updated only when its MCR is approved
- 7560168 – While carrying out a Receiver Tax adjustment (RTA) in ReIM the posting in tran data happens for the physical warehouse. Instead it should happen for the virtual warehouse for which the order is raised.
- 7570073 – When the user has opened a transfer in View mode to see its Transfer details in RMS, user is unable to receive the transfer from SIM as the table TSFHEAD is locked.
- 7564101 – While running *saexprdw* batch on a current business day for PVOID transactions from the previous business date, it fails with core dump.
- 7563848 – Duplicate totals are generated for the same Total in the following scenario: One of the rollup levels for the Total is Business Date and First total was generated by running *satotals* batch and Second total was generated by using Storeday Summary Total / Audit. An additional entry is made with amount = 0 when the Store Day summary screen is validated for a given total which is incorrect.

Noteworthy Fixed Issues/Defects

The following is a list of fixed defects in this release:

Product No	Bug No.	Description
RMS	6345284	TSF_RESERVED_QTY and TSF_EXPECTED_QTY buckets in ITEM_LOC_SOH table are not getting cleared even after approving the book transfer.
RMS	6857007	Schedule Item Maintenance: Unable to range the items to new Virtual W/h (Create / Upload a new WH, create new Virtual WH, check if items are ranged to new Virtual WH).
RMS	6532090	Selling UOM: In Item retail by zone, the Selling UOM field is not editable. This field is required to be editable.
RMS	6969295	In case of replenishment cycle for DSD items, PO is created in Worksheet status and not in Approved status.

RMS	6969258	While execution of <i>edidlinv</i> batch program, it aborts with "Segmentation fault (core dump)" error. The batch program status remains as started and is not changed to complete.
ReSA	6728607.992 & multiple patches	In ReSA Transaction Maintenance screen, while trying to fix Transaction errors, when !Errors button is clicked an error is displayed : "cannot set attribute of null item BI_ERROR_WIDGET.TI_ORIG_VALUE"
ReSA	5087281 6854227	Inconsistent database in ReSA (When <i>saprepost saimptlogi</i> post is executed error is generated in logfile that "~ORA-02298: cannot validate (RMSOWNER.SOR_SDY_FK) - parent keys not found~ALTER TABLE RMSOWNER.SA_ERROR ENABLE CONSTRAINT SOR_SDY_FK) <i>saprepost</i> batch fails to compile all invalid objects.
RMS / Interface	6323855	When an RTV is created and shipped with negative quantity to nullify the excess quantity shipped earlier, notice the value in the ITEM_LOC_SOH.STOCK_ON_HAND field further decreases instead of getting increased.
RMS	6647855	While defining the security for Org and Merch hierarchy, list of values are not shown in Diffs and UDAs.
RMS	6046589	When Stock On Hand (SOH) at the store was zero after replenishment batch created PO and Transfer, when user attempts to view the transfer screen, following two error messages that appear. 1. Must be in range 0.00 to 99,999,999.00. 2. FRM : 40222- Disabled
ReSA	6627604	Junk characters like control - M or control - E characters during encryption and decryption process.
ReSA	6647304	RTLOG encrypted files from POS fails when decrypting in RMS.
ReSA	6885399	While trying to upload a RTLOG with sale transactions and promotions created from RPM, but the promotion number is not being loaded into the application, it gives an error 'Invalid discount promotion number'.
RMS	7142004	StoreOrgHier_<chain>.xml generated by BATCH_ORPOS_EXTRACT.KSH has truncated AREA and DISTRICT details.
ReSA	6129591	In Transaction Maintenance form, a negative amount is displayed in the balance field for a void transaction.
ReSA	6682055	In RMS 12.0.x, for erroneous discount type transactions loaded into ReSA via RTLOG processing, if the error is fixed in the transaction maintenance screen, the error record is not deleted from the SA_ERROR table on exiting the transaction maintenance screen.
RMS	6655633	Export from RMS for MerchHier is needed to have 'RetailStorePOSDepartment' element.
RMS	6528254	RMS TO ORPOS Interface does not have REF-ITEM (LEVEL 3 ITEM) associated with 'POSItemID' tag in output file.
RMS	7153315	While uploading the items file created for more than one store in Central Office, the upload is failing.
RMS	6797993	At ReIM, invoice matching is failing for Cross-doc PO, as the invoice is made with respect to final destination rather than original destination.
RMS	6861319	When a PO is received for an ITEM whose current SOH is negative then the TRAN_CODE 70 created on TRAN_DATA has unexpected negative sign.

RMS	6835162	While doing a cost adjustment for an item which is created as buyer pack (order as Pack), RMS tables like ITEM_LOC_SOH and TRAN_DATA are not populated correctly.
RMS	6682283	Externally generated warehouse to warehouse shipments are rejected.
RMS	6329329	Receiver unit adjustment incorrectly creating/updating shipment records.
RMS	6367073	Receiving a PO item against a negative inventory (stock on hand) reflects wrong number of units in TRAN_DATA for cost variance record.
RMS	6371616	In an externally generated transfer, in transit quantity is not populating for the correct virtual warehouse.
RMS	6411268	Defect when sending an external transfer to RMS
RMS	6436427	Unable to create an externally generated transfer in a non-multichannel environment from a warehouse to another warehouse.
RMS	6618983	The store to store EG transfers across different legal entities throw an error message.
RMS	7159659	Unable to create externally generated transfer from a warehouse to store in a non-multichannel environment.
RMS	7119594	Automatch derives the invoice's vendor site ID wrongly from the Supplier primary Order address designated for the supplier. Instead, it should derive from the supplier's remittance address based on the address sequence number stored on the original purchase order.
RMS	6518731	When OTB is turned off in SYSTEM_OPTIONS table, the user will always receive 'OTB is exceeded in the following Subclasses: <subclass> Do you want to continue?' warning message upon Submitting/ Approval of an order in Order Header Maintenance.
RMS	6732895	The Purchase order gets closed when user does 'Cancel All Items' even though there are open shipments exists for this order. Also, the user is not able to cancel the shipment if it is received partially.
RMS	6860944	While modifying a PO that has linked allocations with closed status, the system still displays user confirmation message "Do you want to cancel the Allocation" even though the allocations are already closed.
RMS	6900598	Cancelling a PO after cancelling outstanding ASN shipments is not setting the PO to closed status.
RMS	6976386	The ordhead screen is not allowing to add physical warehouse.
RMS	6137062	RTV debit memos do not upload into ReIM because of un-matched VAT amounts.
RMS	6001399	Receiver cost adjustment records are not posted correctly in the stock ledger when cost adjustments are done using ReIM.
RMS	6636667	Batch script <i>batch_orpos_extract.ksh</i> batch fails with truncate error when execute with different user then owner.
ReSA	6780765	When an item is sold with discount, tran_data is populated with tran_code 1 and 15 records, out of which, the record with tran_code 15 is populated with the wrong number of units/quantity

ReSA	6709513	In a typical transaction, if a "RETURN" transaction includes both sold items and returned items, the sold items goes to RDW with a negative sign. On the other hand, if a "SALE" transaction includes returned items, all of the items would go to RDW with a positive sign
ReSA	6601909	When tried to upload a RTLOG with consecutive transaction numbers from the previous day with the ReSA system option MAX_DAYS_COMPARE_DUPS with a value > 0, the transactions are rejected as duplicates.
ReSA	5996825,6036876 6044141,6049117 6119576,6119605	1) Tender type = Credit card; the credit card number does not get uploaded from RTLOG. 2) When a credit card number is added through the Transaction Maintenance form, an error message is displayed: "The credit card number is invalid".