

**Oracle[®] Retail Warehouse
Management System
Release Notes
Release 12.0
June 2006**

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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/or performance enhancements
- Assumptions
- Fixed and/or known issues/defects

Because of their brevity, Release Notes do not include chapters, appendices, or a table of contents.

Audience

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

- Retail clients who wish to understand the contents of this release.
- Integrators and implementation staff who have the overall responsibility for implementing RWMS into their enterprise.
- Business analysts who are looking for high-level functional information about this release.
- System analysts and system operation personnel who are looking for high-level functional and technical content related to this release.

Related Documents

You can find more information about this product in these resources:

- Oracle Retail Warehouse Management System Installation Guide
- Oracle Retail Warehouse Management System Online Help
- Oracle Retail Warehouse Management System Data Model
- Oracle Retail Warehouse Management System Radio Frequency User Guide
- Oracle Retail Warehouse Management System User Interface User Guide
- Oracle Retail Warehouse Management System Operations Guide

Customer Support

- <https://metalink.oracle.com>

When contacting Customer Support, please provide:

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

Overview

The Oracle Retail Warehouse Management System facilitates the coordinated movement of merchandise and information throughout the distribution process. Using sophisticated, yet flexible configuration and built-in best practices, the system ensures the efficient utilization of resources: the people, equipment, and space in your distribution process.

Functional Enhancements

Case Put-To-Store

A workflow was introduced to address those times when adjustments must be made within the Case Put to Store (PTS) process when an operator finds an overage or shortage. This functionality is now based on user privilege level.

Multi-product PTS

New functionality was introduced to allow multiple bulk pallets to be combined under a 'grandfather' pallet for induction into a case put-to-store area. This functionality allows the user to induct and process multiple items together as one physical pallet through the PTS system.

Catch Weights

- Development has occurred that enables support for Average Charging for catch weight products received in bulk and processed through Case PTS. These enhancements enable support for average charging for pallets replenished from reserve to case PTS (BP pick) and for pallets replenished from FCP-pallet to Case PTS (CS pick).
- The system now provides for a more discrete use of receiving tolerances to validate actual pallet weight as opposed to nominal pallet weight for products going to Case PTS.
- Development has occurred that enables support for an average weight calculation in RMS for simple pack items by providing specific transactional data.

Deposit and Transport Packing

- The Host tracks all deposit packaging. RWMS communicates transaction-level data for deposit packaging when requested. An example of deposit items include Coke with returnable bottle(s) and crate.
- The system offers inventory visibility for transport packaging within the four walls of the distribution center (DC); full and empty combined into one total.
- The data structure supports integration with a host management system (for example, RMS).
- The system offers visibility to quantities of assets transferred to suppliers or other partners by supplying transaction-level data to the host system.
- The system can be integrated with a store inventory management system for outbound shipments.

Note: The Oracle Retail 12.0 enterprise release does not include Store Inventory Management (SIM).

- Integration of asset visibility occurs between RWMS and RMS.

Task Management

- There has been an introduction of distance using xyz coordinates to select next task (this type of functionality was previously only performed by location ID sequence).
- The system now allows for Task Assignments based on priority or distance at the user class or user level.
- Users can be assigned to task groups at the user or at the user class level.
- The system now allows for a greater prioritization of tasks. Replenishment tasks support greater differentiation of task priorities. The system uses a template for the DC to define a list of rules that affecting task priority.
- The system allows preplanned replenishment picks from Task Mgmt with generic labels, even when labeled picking = Y.

Item Validation During Receiving

Based on configuration by item, users who are performing receiving are required to confirm the item/UPC/OCC for each item received.

Establish Receiving Tolerances

The system allows the user to set a tolerance level by item (Item Attribute). The receiving screens prompt the user to weigh the merchandise, check this weight against the tolerance and display an error message if it is over/under the tolerance.

Picking Labels – Print on Demand

For forward case picking (FCP), the system allows users to scan a printer and print the next pallet group of printing labels to that printer (as opposed to printing all labels for a wave at once on a central printer). This provides labels to pickers only as they are needed.

Prime Picking

The system allows the use of the same locations for both unit and case picks. Note that the implementation of prime picking in this version assumes the following parameter settings: Label Reserve = 'Y', Label Receiving = 'Y', and Label picking = 'N'.

Rebranding

RWMS software and documentation has been rebranded to comply with Oracle industry standards. The rebranding provides visual consistency among the integrated platforms.

Technical Enhancements

Expanded Language Support with Multiple Byte Characters

RWMS has been enhanced to allow multi-byte character sets to be better utilized within the application. While RWMS has always been able to use multi-byte character sets, it was expected that all data fit within the original size definitions which were based on western languages (primarily English).

This set of multi-byte enhancements increased many field sizes to match RMS. This enhancement allows any integration-related data (that is, data communicated between RMS/RWMS) to flow properly.

Note: Not all fields in RWMS were expanded to accept longer strings. Only fields that had direct integration impact within the Oracle Retail enterprise were expanded.

Multi-language Enablement

RWMS now supports the languages below. The languages supported with this release include the following:

- English – American (AM)
- Portuguese – Brazil (BR)
- Chinese – Simplified (CN)
- German (DE)
- Spanish (ES)
- French (FR)
- Korean (KO)
- Chinese – Traditional (TW)

Known Issues/Defects

Automatic Emails to Stores

The existence of an email address in the SHIP_DEST table (supplied from RMS) causes the system to automatically attempt to publish an email to that address upon shipment. If the retailer's system is not configured to handle this scenario, errors occur during the shipping process.

As a workaround, email addresses should be removed from the SHIP_DEST table to avoid the errors.

The issue is being addressed by Oracle Retail. The probable solution will be to add a flag to the destination editor to allow the DC to choose which destinations should receive shipment notifications by email.

Catch Weights

To support catch weight functionality in RMS, RWMS was enhanced to publish both unit and weight details to the host for all receipts, receipt adjustments, and inventory adjustments. This functionality has been implemented in RMS through the use of simple packs (all catch weight items should be set up as simple packs). If catch weight items are not set up as simple packs (which may be true for RWMS sites interfacing with other host systems), RWMS should send catch weights to the host in the unit columns. Currently, the system always sends weights in the weight fields and units in the unit fields for both simple packs and regular items. The issue is being addressed by Oracle Retail. The probable solution will be to modify the system to send weights in the unit columns for items that are not flagged as simple packs.

Multi-language Enablement and Translation

- Japanese (JA) was included in other Oracle Retail products with the enterprise release of Oracle Retail 12.0. However, due to certain technical limitations within the RWMS application, Oracle Retail decided **not** to release Japanese at this time. This decision was primarily due to specific field sizes that were not addressed during the multi-byte enhancements and due to specific Japanese words/phrases that are not able to be shortened or abbreviated. A retailer may implement its own Japanese translation if desired.
- Korean characters do not display on the RWMS RF application. On the Unix server, SQLPlus is acting the same. This issue is due to the operational limitations of the RF device.
- German RF screens have character truncation. The truck mount had no cropping. The hand held has 5% truncation. Of the 5% that are truncated, the degree of truncation ranges between 13% and 41%, averaging 21%. The wrist mount had the most truncation at 7.25%. Of the 7.25% that are truncated, the degree of truncation ranges between 14% and 33.33%, averaging 23%.