

Oracle® Retail Mobile Point-of-Service

Release Notes

Release 12.0.1

November 2007

This version of the release notes replaces the Release 12.0 version.

Overview

Oracle Retail Mobile Point-of-Service is a wireless, scaled-down version of the Oracle Retail Point-of-Service product. In an effort to improve customer service and shorten wait time at the register, Oracle Retail Mobile Point-of-Service provides a way for customers to check out from anywhere inside or outside the store. Store associates are able to scan merchandise using a hand-held device. The transaction can be tendered at the device with a credit card or suspended and then retrieved at a register for final payment.

Functional Enhancements

The following functional enhancements are included in this release:

- [Locale Support for Internationalization](#)
- [Value Added Tax \(VAT\)](#)
- [Fair Credit Reporting Act](#)

Locale Support for Internationalization

Locale support is tailoring the information displayed on a screen and accepting user-entered data in a format that meets the conventions of the locale, or geographic region, where Oracle Retail Mobile Point-of-Service is being used. Limited locale support is provided to enable the date, time, and currency to be displayed in the conventions defined for the default locale. The default locale is selected during installation.

The following changes are made to the Item Options and Transaction Options screens:

- The **Discount \$** option is changed to **Disc. Amt.**
- The **Discount %** option is changed to **Disc. %**.
- The **Override Tax \$** option is changed to **Ovrd. Tax Amt.**
- The **Override Tax %** option is changed to **Ovrd. Tax %**.

Value Added Tax (VAT)

Oracle Retail Mobile Point-of-Service supports a price inclusive VAT. A price inclusive VAT is a tax added at various stages of production based on the value added to the product at that stage.

When VAT is enabled, sales tax functionality is unavailable. The following changes are made:

- Transactions cannot be tendered through the hand-held device. The Tender button on the Sell Item screen is disabled. The transaction must be suspended and then tendered at an Oracle Retail Point-of-Service register.
- Modifications cannot be made to the tax for an item or transaction. The buttons for these functions are disabled.

Fair Credit Reporting Act

In order to be compliant with the current interpretation of the Fair Credit Reporting Act, the credit card expiration date is removed from receipts.

Technical Enhancements

The following technical enhancements are included in this release.

Installation Directory

The default installation directory is OracleRetailStore/mpos.

IBM WebSphere Environment

Installation and deployment with the IBM WebSphere environment is supported.

JMS Performance Tuning Support

To better support JMS performance tuning, XA is enabled on all queue and topic connection factories.

The following connection factories are new:

- jms/ApplicationQCF is a general purpose queue connection factory.
- jms/ApplicationTCF is a general purpose topic connection factory.

The following connection factories are no longer used:

- jms/QueueConnectionFactory
- jms/TopicConnectionFactory

Documentation Enhancement

The Oracle Retail Mobile Point-of-Service Operations Guide is new. This guide contains technical information on the application and instructions for configuring the application.

Integration Enhancement

Oracle Retail Strategic Store Solutions products are integrated with the following Oracle Retail Merchandise Operations Management products:

- Oracle Retail Merchandising System is used to execute core merchandising activities, including merchandise management, inventory replenishment, purchasing, vendor management, and financial tracking.
- Oracle Retail Price Management is a pricing and promotions execution system that includes the definition, maintenance, and review of price changes, clearances, and promotions.
- Oracle Retail Sales Audit provides the tools to evaluate point-of-sale data to ensure the accuracy and completeness of the information exported to downstream systems used in optimization processes, financial reporting, and analysis.
- Oracle Retail Store Inventory Management is used to execute inventory management activities including receiving inventory, replenishing stock, managing physical inventories, looking up product information, and transferring or returning stock.

Oracle Retail Merchandise Operations Management is the system of record for item, merchandise hierarchy, store hierarchy, and price/promotion data. This data is imported to Oracle Retail Central Office for enterprise management and Back Office and Point-of-Service for managing store operations. Transaction data created through Oracle Retail Point-of-Service is then exported back to Oracle Retail Sales Audit. Oracle Retail Sales Audit processes and provides the updated data to Oracle Retail Merchandising System and Oracle Retail Store Inventory Management.

This is the first phase of the integration with Oracle Retail Merchandise Operations Management. Only common features that are shared between the Oracle Retail Merchandise Operations Management and Oracle Retail Strategic Store Solutions products are integrated in this release. Inventory updates to Oracle Retail Store Inventory Management are done through Oracle Retail Sales Audit.

Note: There are some conditions required on data in order to filter out the Oracle Retail Merchandising System data being extracted to the XML files. This is required mainly because Oracle Retail Point-of-Service has these limitations on data types. Some of these conditions are:

- For the store hierarchy:
 - Store value length is less than or equal to 5
 - Chain value length is less than or equal to 4
 - For items:
 - Item value length is less than or equal to 14
 - UOM length is less than or equal to 2
 - Diff_1 length is less than or equal to 20
 - Diff_2 length is less than or equal to 10
 - Unit retail is less than or equal to 999999.99
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Implementation Guide

An overview of how the products are integrated is included in the Strategic Store Solutions Implementation Guide. This guide was new for Release 12.0. The guide also has information on configuring the Strategic Store Solutions products for the integration.

Integration gaps have been identified between the Oracle Retail Merchandise Operations Management products and the Strategic Store Solutions products. These gaps affect the data files and product functionality. The identified gaps and the resolutions for handling the gaps are described in the Strategic Store Solutions Implementation Guide.

Upgrades to Requirements

For information related to upgrades to the Oracle Retail Mobile Point-of-Service requirements (for example, Database Server, Application Server, and so on), see the Oracle Retail Mobile Point-of-Service Installation Guide.

Known Issues

The following issues occur in this release.

Tendering a Transaction that Contains Only a Zero Priced Item

Issue: Tendering a transaction that contains only an item with a zero price causes Oracle Retail Mobile Point-of-Service to hang.

Fix: A fix is in development for Oracle Retail Mobile Point-of-Service.

Item Serial Numbers

Issue: Item serial numbers are not supported by Oracle Retail Mobile Point-of-Service.

Fix: A fix is in development for Oracle Retail Mobile Point-of-Service.

Kits

Issue: Kits are not supported by Oracle Retail Mobile Point-of-Service.

Fix: A fix is in development for Oracle Retail Mobile Point-of-Service.

E-check in Non-US Deployments

E-check is not supported as a tender outside the United States. It is recommended that the client not enable the E-Check Functionality parameter. For information on the parameter, see the Oracle Retail Strategic Store Solutions Configuration guide.

Issue: While the E-Check functionality will work for an E-Check tendered in the base currency, if an E-Check is accepted in an alternate tender, it cannot be reconciled during the Register Close process.

Fix: A fix is in development for Oracle Retail Point-of-Service.

Documentation Update for Release 12.0.1

The following change has been made to the Oracle Retail Mobile Point-of-Service documentation set for Release 12.0.1:

- In the Oracle Retail Mobile Point-of-Service Installation Guide, the names of the zip files used for installation are updated.
- In the Oracle Retail Mobile Point-of-Service User Guide, a note is added to document that item serial numbers and kits are not supported.

The Oracle Retail Mobile Point-of-Service Operations Guide is not changed for this release. For this guide, consult the Release 12.0 version.

The following changes have been made to the Strategic Store Solutions documentation set for Release 12.0.1:

- In Strategic Store Solutions Licensing Information, the provider for Spring Framework is corrected and the Oracle Retail Merchandise Operations Management products are added to the list of prerequisite software.
- In the Strategic Store Solutions Implementation Guide, an appendix is added with XSD information and changes are made for discount rule and price look-up enhancements. Additional troubleshooting information is added.

The Oracle Retail Strategic Store Solutions Configuration Guide is not changed for this release. For information on configuring parameters, consult the Release 12.0 version.

The Release 12.0.1 versions are the guides that are updated for this release.

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Value-Added Reseller (VAR) Language

(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 and Oracle Retail Demand Forecasting 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 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 **I-net Crystal-Clear™** developed and licensed by I-NET Software Inc. of Berlin, Germany, to Oracle and imbedded in the Oracle Retail Central Office and Oracle Retail Back Office applications.

(x) the software component known as **WebLogic™** developed and licensed by BEA Systems, Inc. of San Jose, California, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

(xi) 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.