

Oracle® Retail Point-of-Service

Release Notes

Release 13.0.6

February 2013

Oracle Retail Point-of-Service (ORPOS) Release 13.0.6 is a patch release for ORPOS 13.0. ORPOS 13.0.6 includes selected defect fixes for ORPOS 13.0 code.

Oracle Customer Support investigates submitted issues assuming that all released patches 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 ORPOS 13.0.6.
- 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 Point-of-Service Installation Guide* for Release 13.0.6 for instructions about how to install this release.

Hardware and Software Requirements

See the *Oracle Retail Point-of-Service Installation Guide* for information about the following:

- Hardware and software requirements
- Oracle Retail applications software compatibility

Applying Source Code

Before applying the ORPOS 13.0.6 patch release, be sure that:

- ORPOS 13.0 has been installed
- Patch releases ORPOS 13.0.1 through ORPOS 13.0.5 have been applied

If you have applied ORPOS bundled hot fix releases 13.0.5.1 through 13.0.5.5, 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 ORPOS 13.0.6 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.

Technical Enhancements

This section addresses the technical enhancements included in Oracle Retail Point-of-Service, Release 13.0.6.

Note: The list below announces the addition of Oracle Retail support for the technology described. See the Installation Guide requirements section for critical information, such as whether the enhancement below *replaces* previous versions or is supported *in addition* to already existing versions.

Oracle Database Enterprise Edition 11gR2 (11.2.0.3)

Oracle Retail Point-of-Service Release 13.0.6 is supported for use with Oracle Database Enterprise Edition 11gR2 (11.2.0.3) on the Oracle Stack.

Oracle Java 6

Oracle Retail Point-of-Service Release 13.0.6 is supported for use with Oracle Java 6 or later within the Java 6 code line on the Oracle Stack.

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 patch has a corresponding defect report titled *<defect-number> <module>.PDF* (for example, 1234567.PDF).

The file **DEFECT MODULE XREF POS SUITE 13.0.6.XLS** lists the new defect fixes for Release 13.0.6, as well as those previously released in bundled hot fix releases 13.0.5.1 through 13.0.5.5. All of these are included in ORPOS 13.0.6.

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

Patch Set Backout Procedures

The following instructions need to be followed for a payment application.

1. Before a patch is installed on the payment application environment, it has to be installed and tested on a UAT environment.
2. Before a fix is applied, a backup of the payment application environment should be made. If the fix must subsequently be removed, the payment application should be restored from the backup.

Note: As a matter of policy, Oracle Support does not remotely access the payment applications.

Known Issues

The following issues occur in this release.

Currencies Not Included in Financial Reports

If additional currencies are added to Oracle Retail Point-of-Service, they are not displayed in the financial reports. The till reconcile and daily register operations are not affected. USD, GBP, YEN, EUR, MXY, and CAD are the currencies already available in this release. These currencies display correctly in the financial reports.

Display of Decimals in Base and Alternate Currencies

Currency type is determined by the country. The type determines if the currency is displayed with or without decimals. It is not possible in Oracle Retail Point-of-Service to properly display a base currency and an alternate currency that are not in agreement regarding the decimal component.

If base and alternate currencies that have different formats are being used, for example, YEN as the base currency and USD as the alternate currency, the decimals of USD are truncated on receipts and screens.

Values Switched for Tax Calculation Method Code

The Tax Calculation Method Code is a code denoting how the Tax Group Rule is to be applied in a single transaction. Possible values include the following:

- 1—Calculate and round at the line item unit level
- 2—Calculate and round at the group level

There is no default value, as this setting is dictated by the Tax Authority who defines the rule.

In Oracle Retail Point-of-Service, these values are switched. If the retailer wants to calculate tax at the line item level, code 2 should be selected. If the retailer wants to calculate tax at the group level, code 1 should be selected.

Update Resource Jars for New Currencies

The localized strings for International Standards Organization (ISO) currency codes and country names are now in resource bundles. If a new currency is added to the database, the resource jars have to be opened in order to add the bundle entries for the new currency. The bundle entries are in multiple bundle files in Oracle Retail Point-of-Service.

Receipt for a Completed Order is Not Printed in the Preferred Language of the Customer

The receipt for a completed order is not printed in the preferred language of the customer. The receipt for the creation of the order is printed in the preferred language of the customer.

Reloaded Gift Cards Cannot be Returned

Gift cards that have been reloaded must be redeemed and not returned. Return transactions containing a reloaded gift card will not refund the correct amount to the customer.

Orphaned Records for Post-Void Transactions in Database Tables

When post-void transactions are purged, there may be orphaned records in the TR_LTM_RTL_TRN and tender tables. These records have no effect on the Oracle Retail Point-of-Service application.

Setting Parameter to Capture Price Override Data

If the Capture Reason Code for Price Override parameter is set to No, the CO_MDFR_RTL_PRC table is not populated with the record of the override. If the retailer wants to collect the override data, this parameter must be set to Yes.

Security Access Points No Longer Used

The following access points listed in the Manager Override for Security Access parameter are no longer utilized by the Oracle Retail Point-of-Service application:

- Bank Deposit
- Discount Rule - Add/Modify
- Discount Rule - End
- Employee Time Maintenance
- Inventory
- Inventory Count
- Inventory Receiving
- Inventory Return
- Item Maintenance
- Jobs
- Job Queue
- Kit Maintenance
- Price Change - Add/Modify
- Price Promotion - Add/Modify
- Schedule
- Store Operations
- Transfer

Adding them to the parameter does not cause a problem in the application, but the application does not enable a manager override for the access point.

Download of Items Currently on Promotion to New Stores

In a new store situation, items currently on promotion may download to Oracle Retail Point-of-Service with the original price on the item, not the promotion price. This occurs because the import process assigns a creation date equal to the current date, but this date is after the start date of the promotion.

Address Type for Importing Customer Information

If the Data Import Process (DIMP) is used to import customer information to Oracle Retail Central Office and Oracle Retail Point-of-Service, it is recommended that only the address type of H or Home is used. Importing records with another address type could cause multiple customer records to be displayed in Oracle Retail Central Office and Oracle Retail Point-of-Service. The customer number remains the same, but there could be an additional line entry with the second address type. Customer feature functionality is not affected.

Reason Code Displayed Incorrectly for Business Customer

If a business customer is created in Oracle Retail Point-of-Service, the reason code (that is, non-profit) may not be correctly displayed in Oracle Retail Central Office. If the business customer is created in Oracle Retail Central Office, the reason code is displayed correctly in Oracle Retail Point-of-Service.

Layaway Fee Must Be Entered When Creating a Layaway

When a layaway is created in Oracle Retail Point-of-Service, an amount (0.00 to 9,999.99) must be specified in the Layaway Fee field. This field cannot be left blank; doing so will result in an error and the application may halt.

Installing with Store ID of 01291 Results in Database Errors

Seed data includes sample data used to evaluate the application and demonstrate core functions of the software. There are references in the seed data to store ID 01291. During installation, if 01291 is selected for the store ID, SQL errors occur during the loading of the database. The SQL errors are caused by those references.

Error Message in Point-of-Service Client Log after a Sale Transaction

The following error message may show up in the Point-of-Service Client Log after a sale transaction:

```
ERROR 2008-06-07 19:54:43,312 188849750
(StaticCacheThread-7:com.extendyourstore.foundation.tour.engine.TransferStation):[com.extendyourstore.foundation.tour.engine.TransferStation.depart(TransferStation.java:424)] TransferStation.depart(): Departure must be initiated by an EndServiceLetter or FinalLetter. Actual letter is: Class: Letter (Revision 3)29784459
```

The error does not affect functionality.

Total Incorrect on Receipt for Layaway Delete

When a layaway is deleted, the total shown on the receipt is incorrect. The amount refunded to the customer and the information shown in the Summary Reports are correct.

Incorrect Gift Card Amount Displayed After Invalid Gift Card Entered

If the card number entered for a Gift Card sale is invalid and the operator selects to reenter the card number, the amount displayed in the Gift Card Amount field is 0.00. It should be the amount of the original issue/new Gift Card. Functionality is not affected and the Gift Card is issued in the correct amount.

Incorrect Date for Special Order When Store Not Closed

If the store has not been closed and re-opened with the next business date, a special order transaction completed after 12:00 AM of the next day is saved to the database with the system date instead of the business date.

Original Tax Rate in POSLog for Tax Exempt Transaction

In a tax exempt transaction, the Original Tax Rate field in the POSLog detail contains the store default tax rate for the item.

Incorrect Tax Amount in EJournal for Price Override Items

For items that had a price override applied to the return, an incorrect tax amount is displayed in the EJournal. The tax is based on the original price of the item and not the price after the price override is displayed.

Post-Void of Return Transaction

An item that is not in the local database is returned using Centralized Transaction Retrieval. If the return transaction is post-voided, the voided amount is zero.

Retrieving a Suspended Layaway Transaction

When trying to retrieve a layaway transaction that was suspended, the client goes offline. If the server and client are restarted, the client goes offline again after logging back in to Oracle Retail Point-of-Service. The Device Status screen shows the database as being offline.

Foreign E-check Used for Non-base Currency Tender

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 currency, it cannot be reconciled during the Register Close process.

Hardware Issues

The following hardware issues occur in this release.

Unplugging Either the HP Cash Drawer or Magnetic Stripe Reader Causes Application to Hang

If either the HP Cash Drawer (HP Cash Drawer #EY024AA) or Magnetic Stripe Reader (HP USB MSR #EY026AA) device is unplugged, the application hangs. When the device is plugged back in, the application must be restarted. This issue can be tracked with case number 3605030683.

Less Text Space Available on Back of Frankable Tenders for Multibyte Languages on IBM Printer

Due to the font provided for Chinese and other multibyte languages (Traditional = chnm950b or Simplified = chnm1381) on the IBM Printer (IBM4610-2CR), the amount of text that can be printed on the back of a 'frankable' tender may be reduced.

Application Hangs if HP Printer Goes Offline

If the HP Printer (HP USB Thermal Receipt Printer #EY023AA) printer goes offline (out of paper or other error) during a transaction, no error is displayed and the transaction will not resume until the error is corrected on the printer. This issue can be tracked with case number 3605031143.

Related Documentation

For more information, see the following document in the Oracle Retail Point-of-Service Release 13.0.6 documentation set:

- *Oracle Retail Point-of-Service Installation Guide*

Copyright © 2013, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

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 **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.

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

(iii) 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.

(iv) 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.

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.