

# Oracle® Retail Central Office

Release Notes

Release 12.0.11.4

September 2011

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Oracle Retail Central Office (ORCO) Release 12.0.11.4 is a bundled hot fix release for ORCO 12.0. ORCO 12.0.11.4 includes selected defect fixes for ORCO 12.0 code.

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.

## About Bundled Hot Fix Releases

Oracle Retail bundled hot fix releases are the most frequent releases to update Oracle Retail applications. These releases typically contain only defect fixes; they may also include enhancements that address application performance or other issues. Bundled hot fix releases are of smaller scope than less-frequent patch releases, and they are intended to be easier and faster for the customer to install than major patch updates.

Each bundled hot fix release contains a unique set of defect fixes or enhancements.

The Release Notes for each Oracle Retail release identify whether a release is a bundled hot fix release or a patch release.

Periodic patch releases include all defect fixes that have been released through bundled hot fix releases since the last patch release. Patch releases may also include new defect fixes and enhancements that have not previously been included in any bundled hot fix release.

## Applying Source Code

Before applying the fixes included in the ORCO 12.0.11.4 bundled hot fix release, be sure that:

- ORCO 12.0.11 has been installed
- Bundled hot fix releases ORCO 12.0.11.1 through 12.0.11.3 have been applied

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

The following technical enhancements are added in this release.

### Operating System

Oracle Retail Central Office Release 12.0.11.4 is supported for use with Oracle Linux Release 5 Update 5.

### Oracle Database 11g Release 2

Oracle Retail Central Office Release 12.0.11.4 is supported for use with Oracle Database 11g Release 11.2.0.2.

### Oracle Exadata Database Machine X2 Support

Oracle Exadata Database Machine X2 is a combination of smart software and industry-standard hardware. It provides database-aware storage services, such as the ability to offload database processing from the database server to storage, transparently, without affecting SQL processing and your database applications.

Oracle Retail Central Office Release 12.0.11.4 is supported on Oracle Exadata Database Machine X2 through the binary compatibility with Oracle Linux Release 5 Update 5 and Oracle Database 11g Release 2 Enterprise Edition on Oracle Real Application Clusters (RAC) 11g.

## 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>.PDF* (for example, 1234567.PDF).

In the same folder, the file named DEFECT MODULE XREF POS SUITE 12.0.11.4.XLS lists every defect number and the modules and scripts that are included in the release. Review each defect report carefully before implementing the defect fixes. Please note that scripts do not preserve data. Make sure that all data is backed up before you run any script.

## Installing the Bundled Hot Fix Release

The POS Suite of products does not support the installation of bundled hot fix releases directly to production systems.

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**Note:** Retailers who wish to make changes to the product, which require the source code, should contact their Oracle representative. All source code distribution requests must be approved, following Oracle's standard Source Code distribution policy.

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Customers, who have access to source code, need to extract the source code on top of their base source directory and create the installers. This process only works for customers who have regular updates of bundled hot fix releases. Otherwise, it is customer's responsibility to retrofit the changes to their base code.

The bundled hot fix release upload contains the following:

- source.zip—only the source files that changed
- classes.zip—classes of the changed source files
- Installers for each of the POS Suite products
- Documentation for each of the POS Suite products
- readme.txt—special instructions
- sql.zip—alter and update scripts
- sqlhelp.txt—instructions to update the database

To install the bundled hot fix release:

1. Download the ORCO-12.0.11.4.zip file from ARU.
2. Customers, who do not have access to source code, use the installers provided in the zip file to install the products. Follow the instructions in the *Oracle Retail Central Office Installation Guide* for Release 12.0.11.
3. Customers who have access to source code need to extract the changed source files on top of their base source directory (top of the `rgbustores` folder), update any customization done on modified files, rebuild the installers, and then follow the Installation Guide to install the products.
4. For foundation classes, source files are not released. Extract the foundation classes from `classes.zip` and manually add them to the respective `foundation.jar` file before creating the installers.

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**Note:** Even though modified classes are provided along with the zip file, Oracle Retail recommends that customers not follow the patching process, that is, copy the classes to the patches folder of the Oracle Retail Point-of-Service server and client. Fixes made to XML files and scripts need to be updated manually.

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5. For database updates, instructions are provided as part of the sqlhelp.txt file. The sql scripts are provided in sql.zip. Follow the instructions and use alter and update statements to bring the database to the bundled hot fix release level.

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#### **Value-Added Reseller (VAR) Language**

##### **Oracle Retail VAR Applications**

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(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.

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