

Oracle® Retail Assortment and Space Optimization

Release Notes

Release 14.0.1

May 2014

Oracle Retail Assortment and Space Optimization (ORASO) is one application in the Oracle Retail Advanced Science Engine (ORASE) suite. ORASE is the centralized science engine that supports retail business processes by driving analytics for both ORASO and for Oracle Retail Modeling Engine (ORME).

ORASE is architected in a modular fashion to serve as a centralized science engine supporting multiple solutions. Note that the applications within ORASE may be licensed separately.

ORASO provides a way for planners to make optimized assortment decisions. The product uses a science-based method to account for varying amounts of space available for the assortment, and to account for the effects of adding or dropping products from the assortment.

ORASO takes as its input the collection of planograms and the assortments that are mapped to the planograms across a set of stores. A planogram, abbreviated as POG, is a collection of fixtures of various lengths. Fixtures include shelves, pegboards, freezer cabinets, and so on. Stores may be grouped together into "clusters" of stores that share some important user-defined characteristics. ASO provides the user the means to optimize the assortment and the space allocated to it to meet a variety of business goals.

Hardware and Software Requirements

See the *ORASO Installation Guide* for information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility

Applying the Patch Release

The ORASO 14.0.1 patch release is a full release of the application code. Follow the instructions in the *ORASO Installation Guide* to install the full product, including all defect fixes to date.

Functional Enhancements

The functional enhancements below are included in this release.

Validation Capability

Validate functionality was expanded to perform additional checks. These checks provide the user a quick way to determine if the optimization problem has obviously incorrect parameters before the user submits and requests an optimization result.

Product Groups

The Product Groups window has expended functionality for using product attributes when users are creating and working with product groups.

User Experience

A considerable number of screens and/or processes received a collection of usability improvements, defect fixes, and minor enhancements that contribute to a better user experience and more predictable system behavior.

Documentation Corrections

Corrections have been made to the documents below, and the 14.0.1 version of these guides supersedes previous versions.

- *Oracle Retail Assortment and Space Optimization User Guide*
- *Oracle Retail Advanced Science Engine Implementation Guide*

Technical Enhancements

The technical enhancements described below are included in this release.

Note: The following list 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 11gR2 Enterprise Edition 11.2.0.4

ORASO 14.0.1 is supported for use with Oracle Database 11gR2 Enterprise Edition 11.2.0.4. Version 11.2.0.3 is no longer supported.

Web Browsers

ORASO 14.0.1 is now supported for use with the following web browser:

- Mozilla Firefox ESR 24

Known Issues

The Known Issues described below are included in this release.

Translations

- Not all labels and strings were translated prior to the 14.0 release. As a result, some windows and pop-ups may use some English words, even after the application is correctly configured to use a language other than English.
- Non-English versions of the Assortment Mapping screen show the English 'POG mapping needs review' in a field filter. The user must clear this non-translated value to see data in the table.

User Interface Behavior

- The VPOG does not display correctly in the Internet Explorer (IE) Version 8 browser. This issue exists in both the "Fixture and Product Data train-stop" for displaying the fixtures and in the "Result Analysis train-stop" when viewing historical VPOGs and/or editing them to apply "user overrides". This issue does not occur with the IE Version 9 or the other supported browsers.
- In a mixed-fixture run, the pegboard and shelf VPOGs are scaled differently. The scaling is normal when the shelf and pegboard fixtures are viewed separately.
- In some cases, when a user accesses the Export to Excel functionality in the Result Analysis stage and then uses the pivot table filter drag and drop functionality, an exception error may occur.
- The VPOG user override functionality does not work in the Internet Explorer (IE) Version 9 browser.
- Rounding for certain aggregate values can cause a variance between the sum of individual rows and the aggregate value.
- The Assortment to POG mapping filtering and sorting functions in certain scenarios can cause an exception.
- The application should prevent simultaneously opening the same run in two different windows to prevent data integrity issues that might otherwise occur.
- The Export to Excel behavior is not consistent throughout the application and exports too many columns when it is used to export pivot data.
- The application inconsistently applies auto-selecting the first row of a master row and, in some cases, handling row persistence.
- Automatic screen refreshing and flashing may occur after certain row selections.
- Assortment Analysis displays a special character instead of \$ for 2 fields when using Firefox. Setting the browser locale to "en-US" eliminates this issue.
- The "VPOG undo all changes" functionality does not update the Optimization Location level metrics on the results and analysts window.

Analytics

- The sales and inventory calculation over-counts the finger spacing above measurement for items stacked on top of each other. The finger spacing above measurement is applied to each item in the stack instead of the last one.
- Constraints do not automatically propagate across mixed fixture scenarios. They are applied to each fixture individually. For example, a "choose exactly 5" group constraint is addressed as a "choose exactly 5" for each fixture rather than "choose exactly 5" combined across the 2 fixtures.

Related Documentation

For more information, see the following documents in the ORASO documentation set:

- *Oracle Retail Assortment and Space Optimization Installation Guide*
- *Oracle Retail Assortment and Space Optimization User Guide*
- *Oracle Retail Advanced Science Engine Implementation Guide, Volume 1*
- *Oracle Retail Advanced Science Engine Implementation Guide, Volume 2*

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Value-Added Reseller (VAR) Language

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