

Oracle® Retail Replenishment Optimization

Release Notes

Release 13.1.2

February 2010

This document describes the 13.1.2 release of Oracle Retail Replenishment Optimization.

Replenishment Optimization Overview

The primary goal of Replenishment Optimization (RO) is to harness the replenishment methods available in the client's replenishment system. To make best use of the available replenishment capabilities, RO recommends optimized replenishment parameters at the item/location level. The recommendations take into account sales volume, volatility, availability of forecast data, seasonality, client business rules and constraints, and financial objectives to determine the optimized values.

RO automatically monitors item/location demand and supply chain variables to determine optimal inventory for greatest return. It recommends replenishment settings, either automatically approving the changes or raising alerts, for example, alerting higher impact items. The optimal replenishment settings recommended by RO may be used to update Oracle Retail Advanced Inventory Planning (AIP) replenishment parameters or the retailer's legacy replenishment system.

The automated management of replenishment settings based on item/location selling characteristics ensures accurate replenishment and allows the user to focus on maximizing profit rather than the time consuming business of managing individual item/location level replenishment.

RO can help you address the following, which vary for every client:

- Improve service levels
- Reduce inventory
- Increase turns
- Maximize stock profitability

Overview of Integrated Inventory Planning Suite

The Integrated Inventory Planning Suite consists of Demand Forecasting (RDF), Advanced Inventory Planning (AIP), Replenishment Optimization (RO), and Analytic Parameter Calculator Replenishment Optimization (APC RO) as a full-suite inventory management solution for retailers.

Hardware and Software Requirements

See the *Replenishment Optimization Installation Guide* for information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility information

Functional Enhancements

RO 13.1.2 includes the following functional enhancements.

Stores and Warehouses

RO 13.1.2 was enhanced to support stores and warehouses in the same environment. It can now be configured for the following cases:

- Stores only
- Warehouses only
- Stores and warehouses

The functionality available for stores is now available for warehouses as well. Users can now perform the following actions for warehouses:

- Specify an optimization level at a higher level in the product and warehouse hierarchies.
- Group similar item/warehouses into subgroupings.
- Run optimization for item/warehouses.
- Recommend optimal replenishment settings for item/warehouses.

For more information, see the *Replenishment Optimization User Guide*.

RO Plug-in

Users can now automatically generate core RO configurations with configured product, location and calendar hierarchies. They can add custom measures, rules, worksheets, and tabs into core workbooks and retain them during the patching process. These custom rules and measures can be dependent on core measures. For more information, see the *Replenishment Optimization Implementation Guide*.

Optimization Options

Users can now specify the optimization level. There are three modes they can choose: refresh, full, or none.

Users can also change optimization objective metrics interactively from the Optimization Review workbook.

For more information, see the *Replenishment Optimization User Guide*.

Integration Enhancements

RO 13.1.2 includes the following integration enhancement.

Removed Prefix Manipulation

For integration with Oracle Retail Advanced Inventory Planning (AIP), all prefix manipulation, such as adding S to store positions, W to warehouse positions, and D to day positions, were moved to AIP because prefix manipulation is an AIP-only concept.

Noteworthy Defect Fixes

The following noteworthy defect fixes are included in RO 13.1.2.

Fixed Issue/Defect	Defect Number
In the Replenish Analyst workbook, some measures were not calculated correctly. This issue has been corrected.	8801759

Related Documentation

For more information, see the following documents in the Oracle Retail Replenishment Optimization 13.1.2 documentation set:

- *Oracle Retail Replenishment Optimization Installation Guide*
- *Oracle Retail Replenishment Optimization Implementation Guide*
- *Oracle Retail Replenishment Optimization User Guide*

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Value-Added Reseller (VAR) Language

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