

Oracle® Retail Sales Audit

Release Notes

Release 19.0

F26132-01

January 2020

This document highlights the major changes for Release 19.0 of the Oracle Retail Sales Audit.

Overview

Oracle Retail Sales Audit (ReSA) provides the tools to evaluate point-of-sale and customer order data to ensure the accuracy and completeness of information exported to downstream systems used in optimization processes, financial reporting, and analysis.

Hardware and Software Requirements

See the *Oracle Retail Sales Audit Installation Guide* for information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility

Functional Enhancements

The functional enhancements below are included in this release.

Transaction Level Locking

In previous releases, Sales Audit supported locking at a store day level only. However, when multiple auditors were needed to correct sales data during a peak volume period, this limited the auditing team's efficiency and flexibility. With this release, a system option has been introduced to allow retailers to define how they want to manage their auditing workload, at the transaction or store day level.

Re-open Store Days

New functionality was added in Sales Audit to support the re-opening of a closed store day. This feature facilitates corrections to a day when further corrections are required or new transactions are received after the day was initially closed.

This is supported in two ways. The first is that a user can manually re-open the store from the user interface by selecting an option in Store Day Search. The second is by sending a re-open transaction from the store via the RTLOG.

Add Store Days

Modifications have been made to support the manual creation of a new store/day in cases where the system did not automatically generate one because the store was marked as not open for the day but an RTLOG was received. The Create Store/Day process is initiated from the Store/Day Summary screen.

Location Closings

A new template was added for the download and upload of foundation data for Sales Audit related to location closings. This table is shared with Merchandising and was previously only able to be modified in the Merchandising screens.

Credit Card Tokens

A new field was added in the integration software and in Sales Audit to store the credit card token if passed in from the selling solutions. This is stored for informational purposes only and can be used for search in Tender Search.

Returns Management

In order to support customer returns reporting and analysis, a new input has been added to the RTLOG import that will allow retailers to track the original selling store on a return transaction. This, combined with the original transaction ID, will be included in exports from Sales Audit to Retail Insights for returns analysis reporting.

Also in this release, functionality was added to allow subtotaling using the original transaction date from the point-of-sale system (POS) or the order management system (OMS) to create totals and GL mappings within a Store Day.

Re-apply Rules by Transaction

Functionality was also added to allow Sales Audit rules to be reapplied for a particular transaction after corrections had been made to validate updates, rather than waiting on the store day level re-audit to be completed.

Reference Fields

New reference fields were added at the transaction header level (28-31). Also, these and the previously existing header transaction fields (1-4, 25-27) were added in the Add Fields list for advanced search in the Transaction Search screen.

Added Realms

Several new tables were added to the Sales Audit Realms store to support building additional audit rules and totals, including areas, store hierarchy, and the store and department CFAS extension tables.

Additional Translations

Support for Arabic was added in a previous patch (16.0.2.x), bringing the number of languages supported to 19, including English. Additional support is also available for the following languages by adding your own translations: Czech, Danish, Finnish, Hebrew, Norwegian, Thai, Albanian, Latin Bosnian, Bulgarian, Estonian, Latvian, Cyrillic Serbian, Lithuanian, Romanian, Slovakian, and Slovenian.

Dynamic GL Journal Entry Source and Category Names

The Sales Audit General Ledger Mapping has been enhanced to include the ability to define the source and category names that are posted along with the transaction journal entries to the financial system. These parameters default to "Oracle Retail" but can be changed during the GL Setup definition which is available in the Data Loading function within Merchandising.

Technical Enhancements

The technical enhancements described below are included in this release.

Archiving

New background processes were added for a number of the key areas in Sales Audit that both remove the purge process from the nightly cycle, and also allow you to optionally archive the data. If you choose to archive the data, background processes stage the data to history tables where it will remain for 6 months. After that period of time, all the history tables will have their data exported to a dump file that is stored for longer term archiving.

For more details on this functionality, see the *Oracle Retail Merchandising Operations Guide, Volume 1*.

Dashboard and User-Interface Configuration

Enhancements have been made to support the configuration of dashboard reports and in-context reports by the application administrator. This ability allows reports to be added and/or removed. In addition, the order of display can be modified in both the dashboard and the contextual pane of the relevant screens.

Functionality was also added to allow the application administrator to configure the tasks and reports menus and the sidebar icons. For example, if no users are using the Totals functionality, this link in the task list can be configured off, which means the privileges for each role do not have to be adjusted. A feature is also included to allow you to compare the base configuration to any customizations you have made so that customizations can be more easily re-applied after patching.

Security Differences View

An enhancement has been made to the feature in the application that is used for managing application security policies. This enhancement allows you to more easily see the differences in application security policies between patches, which aids you in merging the base policies back to custom policies after a patch is applied to your environment.

Label Customization

This release introduces a new tool that can be used by application administrators to customize the resource strings (labels) used throughout the application. Previously, these actions could only be performed through a backend process. This capability allows you to configure the solution to use terms that are specific to your business, as needed. If more than one language is used, different values can also be defined by language. Note that for Merchandising, some labels and error messages are also managed as codes or in the error messages table. This new feature is used only for

labels that are not managed in these other methods.

Integration Enhancement

The integration enhancements described below are included in this release.

Oracle Retail OMS Integration

Integration was added between Oracle Retail Order Management System (OROMS) and Sales Audit for customer order fulfillment and returns. The supported fulfillment scenarios include shipment from warehouse and shipment from store. To support shipment from store, a fulfillment location and location type was added to the RTLOG. This allows OROMS to inform Merchandising, via Sales Audit, which store shipped the customer order.

RTLOG Changes

In support of the changes outlined above, several changes were made to the RTLOG format.

Header Level

- Reference fields 28-31, as described in [Reference Fields](#)

Item Level

- Original Store - as described in [Returns Management](#)
- Original Transaction Number - as described in [Returns Management](#)
- Fulfillment Location and Location Type - as described in [Oracle Retail OMS Integration](#)

Tender Level

- Credit Card Token - as described in [Credit Card Tokens](#)

Merchandising Integration

The Sales Audit export of sales and return data to Merchandising has been updated to include the new fields from the sales file, fulfillment type and fulfillment location, as well as the following attributes for sales and returns: transaction number, customer order number, fulfillment order number, and original store.

Additionally, an enhancement was made in this release to the way that Merchandising uploads sales from Sales Audit. Sales will now be sent at the transaction level, rather than being aggregated by common data (for example, item, price, and so on). This enhancement allows Sales Audit to be able to include the transaction ID in the data sent to Merchandising for tracking with the sales data in the transactional stock ledger.

Retail Insights Integration

The Sales Audit export to Oracle Retail Insights from Sales Audit was also modified based on the sales and return processing changes in Merchandising to ensure that sales and returns are accounted for in the same locations that they are in Merchandising. See the Merchandising Release Notes for more details on these changes.

This export was also modified to include additional reference fields that were not previously sent to Retail Insights. The reference fields now sent include 1-8, 13-16, and 25-31.

Auditor Assignment Web Service

In previous versions of Sales Audit, auditors were assigned to a store or group of stores using location traits, as a way of spreading work across a team of auditors. However, in many cases, there is a need to assign auditors to various stores on a day by day basis. This might be used to balance workload across auditors or to temporarily re-assign stores. To support this requirement, a couple of enhancements have been made to sales audit.

First, a new web service has been added that will allow you to update the employees assigned to a store day: this could be for current store days or future store day combinations. More than one auditor can be assigned to the store day using this service. Additionally, in the Transaction Search page, changes have been made to allow searching for transactions by auditor. This will be available in Advanced Search mode.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at
<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit
<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit
<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Copyright © 2020, 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 is software or related documentation that 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.

Licensing Note: This media pack includes a Restricted Use license for Oracle Retail Predictive Application Server (RPAS) - Enterprise Engine to support Oracle® Retail Analytic Parameter Calculator for Regular Price Optimization only.

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 recompositions 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.