

# Oracle Retail Data Extractor for Merchandising

Release Notes

Release 16.0

E81282-01

December 2016

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This document highlights the major changes for Release 16.0 of Oracle Retail Data Extractor for Merchandising.

## Overview

Oracle Retail Data Extractor for Merchandising (ORDE) is packaged within the Oracle Retail Integration Bus (RIB) product suite. It provides packaged data extraction capabilities for sourcing data from the Oracle Retail Merchandising System (RMS) into a flat file format that facilitates loading into the Oracle Retail Merchandising Insights Cloud Service application or the Oracle Retail Merchandising Insights on-premise analytic application.

The Oracle Retail Data Extractor for Merchandising provides the functionality to integrate with RMS and extract data in ORDE staging tables and then unload the data into the respective flat files for Oracle Retail Insights consumption.

The primary characteristics of the Oracle Retail Data Extractor for Merchandising are:

- **Source Integration Solution:** The Retail Data Extractor provides data integration with source applications such as RMS and Retail Price Management (RPM).
- **Performant ETL Code:** The Retail Data Extractor data processing tool, Oracle Data Integrator (ODI), offers high performance for the database batch processes on an Oracle database.
- **Extensibility:** The Retail Data Extractor ETL code can be customized and extended for client-specific needs.

## Hardware and Software Requirements

See the *Oracle Retail Data Extractor for Merchandising 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.

## **Purchase Order and Allocation data integration**

Purchase order data and the associated allocations are now extracted from the Retail Merchandising System. Buyer information, Purchase order attributes, and Purchase order revisions to support history are extracted. Allocations with allocated quantity information against the given purchase orders are also extracted.

## **Coupon, Gift Card Data and Tender Information for Sales Transactions**

- Gift cards are prepaid, stored-value money cards issued by retailers to be used instead of money for purchases. Gift Card Issue and Redemptions are extracted from the RDWT and RDWF files from Oracle Retail Sales Audit (ReSA).
- A coupon is a voucher entitling the holder to a discount for a particular product. Coupon attributes are extracted from the merchandising system and the discount coupon transaction data is extracted from the RDWT file from Retail Sales Audit (ReSA).
- Transaction Tender typically contains data on how customers pay for their purchases. A tender can be associated with cash, check, credit cards, gift cards, and coupons. Transaction Tender data is extracted from the RDWF files from Oracle Retail Sales Audit (ReSA).

## **Competitor Pricing**

- The competitor entity holds information about each competitor store and associates it with a location in the organization. Competitor pricing details can be associated with a specific competitor location and mapped to an item in the product hierarchy.
- Competitor, Competitor Store link, Competitor Shop list and the Competitor price are extracted from the Oracle Retail Merchandising System (RMS).

## **Inventory Receipts**

In previous releases, only PO receipts (tran code = 20) were extracted as inventory receipts by RDE. In Release 16.0, inventory received via Transfers and Allocations (tran code = 44) were also added to inventory receipt extraction in order to calculate inventory aging.

## **Globalization Changes in Response to RMS 16.0 Integration**

Translation in RMS 16.0 underwent technical changes where the TL\_SHADOWS table has been replaced with other \_TL tables. The mapping of RI for translations has been changed in response to continue support of translation.

## **Technical Enhancements**

The technical enhancements described below are included in this release.

### **ODI**

The system has been enhanced. Previously, it used Oracle Data Integrator 11g (11.1.1.9) and now it uses Oracle Data Integrator 12C (12.2.1).

## Oracle Fusion Middleware

- The system has been enhanced to now support Oracle Fusion Middleware 12C Release (12.2.1). In previous versions, it supported Oracle Fusion Middleware 11g Release 1 (11.1.1.9).
- The system has been enhanced. Previously, it used Oracle WebLogic Server 11g and now it uses Oracle WebLogic Server 12C.

## Related Documentation

For more information, see the following documents in the Oracle Retail Data Extractor for Merchandising, Release 16.0 documentation set:

- *Oracle Retail Data Extractor for Merchandising Operations Guide*
- *Oracle Retail Data Extractor for Merchandising Installation Guide*
- *Oracle Retail Data Extractor for Merchandising Implementation Guide*
- *Oracle Retail Data Extractor for Merchandising Security Guide*

## Supplemental Training

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<https://support.oracle.com>

## Transfer of Information (TOI) Material (ID 732026.1)

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