

Oracle® Retail Xstore Suite

Release Notes

Release 15.0

E69286-02

April 2016

This document highlights the major changes for Release 15.0 of Oracle Retail Xstore Suite.

Overview

Oracle Retail Xstore Suite includes the following products.

Oracle Retail Xstore Point of Service

Oracle Retail Xstore Point of Service is a point-of-sale application that provides the capabilities to carry out day-to-day transactions and conduct daily store activities. Tasks such as scanning items, applying price adjustments, tendering, and printing receipts as well as processing returns and web orders can be performed. Store operations including opening the store, managing registers and tills, and closing the store can be handled through Oracle Retail Xstore Point of Service.

Oracle Retail Xstore Office

Oracle Retail Xstore Office is a central web-based management console that provides for the effortless management of the data and configurations that empower your associates. The user interface within Oracle Retail Xstore Office provides streamlined functionality that guides users through configuration changes, data changes, and deployments. Granular security access can create a custom experience for users of all access levels. Multiple support tools and alerts enable IT leaders to take a proactive approach to managing multiple installations.

Hardware and Software Requirements

See the *Oracle Retail Xstore Suite Implementation and Security Guide* for information about the following:

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

Functional Enhancements

The following functional enhancements are included in this release.

Globalization

Oracle views globalization as the process of creating and releasing software for the global marketplace. The globalization enhancements below have been made in Release 15.0.

Fiscalization

This release includes an enhanced fiscal framework that consists of features, base frameworks and extensions to support fiscal, tax, currency and general selling rules and requirements, within various countries, regions and tax authorities. These include:

- Fiscal printer support
- Currency rounding
- Enforced end of day
- Support for extended address formats
- Digital Signature support
- Invoice printing
- Daily report

Localization Packs

A total of seven Localization Packs have been created for this release. Localization packs are built on the base Oracle Retail Xstore Point-of-Service (ORXPOS) internationalization framework, enabling country-specific settings and functionality for a store, during the ORXPOS register installation. These packs address the following countries:

- United States
- United Kingdom
- Canada
- Italy
- Netherlands
- France
- Spain

Language Packs

There are now eleven Xstore-supported language packs. ORXPOS allows multiple language packs to be installed on individual registers, to support those regions where more than one language is commonly spoken. These packs include

EN	English
ES	Spanish
DE	German
IT	Italian
JA	Japanese
RU	Russian
FR	French

PT-BR	Brazilian Portuguese
ZH-CN	Simplified Chinese
NL	Dutch
SV	Swedish

Grocery

Oracle Retail Xstore Point of Service for Grocery is a new User Interface (UI) optimized for the grocery and convenience industry, built on the foundation of Oracle Retail Xstore Point of Service. The application uses the same code base and framework, leveraging common assets including the back office portion of Oracle Retail Xstore Point of Service.

Oracle Retail Xstore Point of Service for Grocery offers the benefits of the Oracle Retail Xstore Suit and delivers a configurable, extensible, and multi-platform application.

In addition to the general functionality in Release 15.0, key features introduced for the grocery and convenience market include:

- User Interface — Optimized for grocery retailing
- Grocery — Optimized business process flows

Technical Enhancements

The following technical enhancements are included in this release.

Broadcaster System

The following enhancements address Broadcaster System functionality:

- Broadcasters now support configurable filtering to control which transaction records are published.
- Specific XML elements and node sets can be explicitly omitted from broadcaster messages through configuration using XPath.

Database/DTX

The following enhancements address Database/DTX functionality:

- All qualifying DTX tables now have a corresponding properties table that can be used for generic data storage.
- Multi-layer DTX inheritance has been added to support data models defined at base, country, and customer levels.
- Xstore now provides full support for configuring store-level sequence numbers.
- New database fields have been added to support the following:
 - County
 - Neighborhood
 - Fiscal tender ID
 - Fiscal printer tax ID

Integration

The following technical enhancements are related to Integration with external systems.

- A new Xcenter broadcaster has been added to send transactional data to Oracle Retail Sales Audit (ReSA). A new Web application, RTLog Generator, has been created to receive Xcenter broadcaster messages and output RTLog files consumable by ReSA.
- Xadmin has been enhanced to process and schedule deployments for files generated by Oracle Retail Merchandising System (RMS) and Oracle Retail Price Management (RPM). DataLoader has been enhanced to support the loading of these files.
- A new `CLEARANCE_PRICE` property code has been added to support pricing data from RPM.
- Web service calls have been added to Xstore to support real-time integration to Oracle Retail Store Inventory Management (SIM).

Fiscal Framework/Country Packs

The following technical enhancements are related to the Globalization enhancements described earlier.

- A virtual fiscal printer implementation has been added for the benefit of developers.
- New cut points have been added to certain configuration files to better support localized functionality.
- Xstore now provides base country packs for select countries, including country-specific code and configurations.

Forms

Technical enhancements addressing forms include the following:

- Form XML file extensibility has been enhanced. Form panels, form sections, and action groups can now be overridden individually.
- Common visibility controls can now be configured on similar fields for all forms on which they appear.
- Field validation logic can now be configured in a Spring XML file, reducing the need to change or extend code.

Merchandise Hierarchy

The merchandise hierarchy level names used by Xstore are now fully configurable. Up to four merchandise hierarchy levels are supported.

Xenvironment

The Xenvironment application has been entirely rewritten in Java. Configuration, functionality, and user interface are similar to the previous release, reducing potential training costs.

Integration Enhancements

The following integration enhancements have been completed in Oracle Retail Xstore Point of Service 15.0.

Oracle Retail Applications

The Oracle Retail applications below integrate with Xstore Point of Service.

- Oracle Retail Merchandising System (RMS) — RMS provides the foundation data including items, store hierarchies, merchandise hierarchies, tax information, related items and dimensions to Xstore.
- Oracle Retail Price Management (RPM) — RPM provides regular price, clearance price updates, and promotions for Xstore.
- Oracle Retail Sales Audit (ReSA) — The Xstore Office system provides retail transaction updates to ReSA.
- Oracle Retail Store Inventory Management (SIM) — SIM is part of the Oracle Retail Store and Commerce suite and is integrated with Xstore for inventory lookup and near real time transaction updates via web services. The Xstore inventory lookup feature has been enhanced to view SIM for inventory positions.

For more information, see the Oracle Retail Xstore Suite 15.0/Merchandising 15.0 Implementation Guide.

Payment Application

Oracle Retail EFTLink is secure middleware that resides between the point of service and the payment services provider. It supports numerous global payment providers, and potentially enables the Xstore Point of Service to reside beyond the PA-DSS requirements scope. It provides a simple, flexible, secure and comprehensive approach to payment on a global basis. Features of this integration include the following:

- Support for signature capture on the payment terminal screens
- Support for the payment terminal being used as a customer display
- Allowing gift cards to be read by the payment terminal

Documentation Enhancements

The documentation enhancements below were authored for this release.

Oracle Retail Xstore Suite 15.0/Merchandising 15.0 Implementation Guide

This implementation guide provides an overview of the integration of Xstore Suite with the Merchandising applications RMS, RPM, and ReSA. Included in this document are overviews of the data flow between Xstore Suite and Merchandising, steps for configuration, functional and technical considerations for the integration, and information on the RTLog Generator.

Xstore Point-of-Service for Grocery User Guide

As noted above, Oracle Retail Xstore Point of Service for Grocery is built upon the foundation of Oracle Retail Xstore Point of Service and is targeted for grocery and

convenience stores. This new user guide describes the available functions within Oracle Retail Xstore Point of Service for Grocery.

Known Issue

The known issue below is present in this release.

Known Issue/Defect	Defect Number
Dataloader consumes excessive amounts of memory when processing large RPM promotions (for example, 4 million records).	22286168

Related Documents

For more information, see the following documents in the Oracle Retail Xstore Suite 15.0 documentation set:

- *Oracle Retail Xstore Suite 15.0/Merchandising 15.0 Implementation Guide*
- *Oracle Retail Xstore Suite Implementation and Security Guide*
- *Oracle Retail Xstore Point-of-Service User Guide*
- *Oracle Retail Xstore Point-of-Service Mobile User Guide*
- *Oracle Retail Xstore Point-of-Service Reports Guide*
- *Oracle Retail Xstore Point-of-Service for Grocery User Guide*
- *Oracle Retail Xstore Point-of-Service Manager's Guide*
- *Oracle Retail Xstore Point-of-Service Shipping, Receiving, and Inventory Guide*
- *Oracle Retail Xstore Office User Guide*
- *Oracle Retail Xstore Point-of-Service Frameworks and Technologies Guide*
- *Oracle Retail Xstore Suite Deal Pricing Guide*
- *Oracle Retail Xenvironment User Guide*
- *Oracle Retail Xstore Point-of-Service Services Guide*
- *Oracle Retail Xstore Point-of-Service Technical Guide*
- *Oracle Retail Xstore Point-of-Service Host Interface Guide*
- *Oracle Retail Xstore Point-of-Service POS Log Files*
- *Oracle Retail Xstore Point-of-Service Database Dictionary Guide*
- *Oracle Retail Xstore Office Database Dictionary Guide*

Supplemental Training on My Oracle Support

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<https://support.oracle.com>

Release Readiness Transfer of Information (TOI) Recordings (Doc ID 732026.1)

Online training is available to Oracle supported customers at product release. These online courses provide release-specific product knowledge that enables your functional and technical teams to plan, implement and/or upgrade and support Oracle Retail applications effectively and efficiently. Note that Oracle Retail products with minor updates often do not have an associated TOI.

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Value-Added Reseller (VAR) Language

Oracle Retail VAR Applications

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