

Oracle® Retail Macro Space Planning

Release Notes

Release 14.1.2.1

April 2017

This document highlights the major changes for Release 14.1.2.1 of Oracle Retail In-Store Space Collaboration (ISSC) and the Macro Space Management products.

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Product Overview

The Oracle Retail Macro Space Planning family consists of two products:

- Oracle Retail Macro Space Management (MSM)
- Oracle Retail In-Store Space Collaboration (ISSC)

MSM is an integrated program that allows users to carry out highly sophisticated store planning, fixturing, and merchandising operations. It also allows them to measure retail performance using Key Performance Indicators and Reports. MSM is designed to work on a local area network (LAN) and is typically located at corporate head office.

ISSC is optional depending on the user's preference and licensing options. If installed, MSM must also be installed. ISSC has an extension called ISSC Mobile that allows changes to floor plans and planograms to be view in store.

Database Version

The installed version of ISSC needs to be compatible with the current version of the Macro Space Planning database. This version of ISSC is compatible with database

version 14.1.2.1, the schema of which has been modified as a result of improvements made to MSP functionality.

The installed version of MSM must be compatible with the current version of the Macro Space Planning database. This release of MSM is compatible with database version 14.1.2.1 - the schema of which has been modified as a result of the changes made to functionality

AutoCAD Version

Note: The Planner and Fixture Studio modules in MSM require the use of Autodesk AutoCAD software. Before installing these applications, you must purchase and install Autodesk AutoCAD.

Oracle does not ship the Autodesk AutoCAD licenses along with these products. You must purchase the Autodesk AutoCAD license directly from Autodesk or the recognized resellers.

This release of MSM is compatible with the following AutoCAD versions:

- AutoCAD 2016 with SP1

Hardware and Software Requirements

See the *Oracle Retail Macro Space Planning Installation Guide* for information about the following:

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

Note: In-Store Space Collaboration only supports the following:

- Oracle Database Client 12c

For ISSC, the 64 bit client is required.

Note: Macro Space Management now only supports the following:

- Oracle Database Client 12c

Both the 32 bit and 64 bit versions of the client must be installed on the same machine.

Functional Enhancements

The following functionality has been added or modified.

ISSC

The following functionality has been added or modified for ISSC.

User Groups

By default, the ISSC Desktop Client application will only be accessible by a user of the following types:

- IT Help Desk Agent
- Application Administrator
- In-Store Merchandiser
- Store Manager
- Store Surveyor
- District Manager

Select Floor Plan Dialog

The existing ISSC Select Store dialog is replaced with the Select Floor Plan dialog. This dialog is used in MSM Planner Client as well. The existing ISSC message control permissions are applied to the Select Floor Plan dialog. The permissions apply to both ISSC and MSM. The following enhancements are available in the Select Floor Plan dialog:

- Refresh the store hierarchy from the database
- Search for floor plans by name
- Show store codes
- Create and edit revision folders
- Create new floor plans
- Cut, copy and paste floor plans in the store hierarchy
- Delete revision folders and floor plans, ready for purging later by an administrator
- View floor plan properties
- Submit floor plans for approval
- Sort and filter floor plans in the list view
- How to recover a floor plan when it was already checked out to the user

Quick Reports

The Quick Reports can be made more accessible by including them in a hierarchy. Data permissions can be given to user groups for the reports, so that different users have access to different reports.

You can set up Quick Reports to refresh when changes are made to the floor plan or when objects are selected in the Object Browser hierarchies or objects are selected in the floor plan. The following enhancements are available in the Quick Reports dialog:

- Organize by hierarchy
- User group permissions determine the availability of reports
- Search for a report in the hierarchy
- Filter the report results
- Copy all, or selected data to the Windows clipboard
- Print the report results

- Search in the report results
- Drag an object from the report and drop it in to the drawing
- Dynamically refresh the reports when objects are changed in the floor-plan

MSM

The following functionality has been added or modified for MSM.

Planner Updates

The Planner module now supports a client server architecture and is no longer a standalone application. MSM Planner is refactored so that it works on Windows 7 and utilizes current development technologies. This is rewritten to connect to the ISSC server (now known as MSP server).

Some of the key changes include:

- Employ new AUTOCAD features
In Planner, the new AutoCAD user interface features, such as ribbons and palettes are employed to improve usability and workflow. To provide speed to market, raw AutoCAD functionality is used wherever possible.
- Utilize the ISSC infrastructure
To avoid duplication of code and to enable operation of the system across a WAN, some of the ISSC infrastructure is utilized and Planner now connects to the existing ISSC Server. The Select store dialog in ISSC is rewritten as Select Floor Plan dialog and this is used in the Planner as well.
- Architectural Plan
The ability to manage architectural plans is provided.
- Redesign Fixture/Gondola Placement
The existing fixturing features for MSM Planner is amended so they can be delivered on a new platform. In 14.1.2.1, it uses the AutoCAD features extensively to get the user inputs and process them to perform the different mode of placement and the different factors that govern the fixture placement. A few enhancements include:
 - The fixtures and gondolas are placed on the correct layer using the layer alias defined for each of the block and that in the database.
 - The level is set appropriately.
 - The Composites comprising of nested blocks are exploded after insertion and the sub-parts are placed on their respective layer.
 - The fixture sub-parts or whole of the gondola are grouped, so that when one is selected, the whole group is selected, which helps with the fixture manipulation.
 - The system supports the ability to insert AutoCAD blocks that include AutoCAD attributes.
- Simplify the floor-plan structure and provide Merchandising akin to ISSC.
- Product blocks are removed from the drawing which simplify the synchronize process. Products are denoted in the drawing using annotation and color filling the fixtures. Merchandising in Planner is provided akin to ISSC. This ensures that

the steps followed to merchandise fixtures or gondolas behave similar to how it does in ISSC.

- **Employ the ISSC workflow processes**

Planner employs the ISSC workflow processes for Submit, Approve, and Reject. Planner can also approve the floor plan based on the floor plan status when they are closed in the Planner module.

- **Layer Alias Management**

Planner allows certain layer alias management tools to turn on/off, changing colors for retail object layers.

- **Quick Reports**

The Quick Reports are made more accessible by including them in a hierarchy. Data permissions are given to user groups for the reports, so that different users have access to different reports.

Quick Reports can be set up to refresh when changes are made to the floor plan or when objects are selected in the Object Browser hierarchies or objects are selected in the floor plan. The following enhancements are available in the Quick Reports dialog:

- The reports are organized in a hierarchy.
- User group permissions determine which reports are available.
- Search for a report in the hierarchy.
- Filter the report results.
- Copy all, or selected data to the Windows clipboard.
- Print the report results.
- Search in the report results.
- Drag an object from the report and drop it in to the drawing.
- Dynamically refresh the reports when objects are changed in the floor-plan.

- **Annotation**

The Quick Reports are made more accessible by including them in a hierarchy. Data permissions are given to user groups for the reports, so that different users have access to different reports.

- Use configured annotation settings in the Administration module to perform annotation.
- Applying annotation to zones, fixturing, products and planograms.
- Storing Annotation information in database.
- Bay numbering Annotation.
- Aisles annotation.
- Include Annotation as on object type in Synchronization.

- **Simplify Synchronization Process**

Combine the existing Fixtures and other blocks options in to a single fixturing option. The fixturing option includes the following types of objects:

- Fixtures

- Fittings
- Composites
- Non-retail (other) blocks
- The product and shelf options are removed from the objects to synchronize.
- The Merge and Only keep identical options in 14.1 is no longer supported by the synchronization process.
- The auto-synchronize Cross Match option which was available in 14.1 is removed.
- The annotation is included in synchronization.
- Redesign Object Browser, Find functionality, Object grid, fixture manipulation. These are redesigned to suit the new architecture and the UI is also modified.
- Zones, aisles, title blocks, print planograms and floor plans, restructure drawing are maintained with minor enhancements.

MSP Batch Tools

The MSP batch tools feature is enhanced and is available as a separate installation as MSM Automation clients. The different batch processes that MSP supports are:

- Batch Runner
 - Planogram Substitution
 - Planogram Publish
 - Update Status
- Planner Automation
 - Publish FloorPlan
 - Process FloorPlan
- Automated Calculations
 - Aisle Adjacency
 - Allocated Areas
 - Face Plane
 - Fixture Adjacency
 - Product Adjacency
 - Space Measurement calculations

Deprecated Functionality

The following functionality has been deprecated.

MSM

The following functionality has been deprecated for MSM.

- **Report Studio**
Report Studio (a legacy application for older customers) is removed.

- **Store Comparison**

Store comparison is removed.

- **Update Status**

Update Status UI application is removed and this feature is available as a Batch tool under the BatchRunner.

- **Automated Calculations**

Automated Calculations UI application is removed and this feature is available as a Batch tool as Automated Calculations.

Technical Enhancements

This section addresses the technical enhancements included in Release 14.1.2.1 for ISSC and MSM.

Note: The list below 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.

ISSC

This section addresses the technical enhancements included in Oracle Retail In-Store Space Collaboration Release 14.1.2.1.

Database

- **Oracle 12c Database**

The MSP database is now designed to be installed on an Oracle 12c database server.

- **Database Connections**

Changing the database connection settings is now done using a dedicated configuration tool. The Report Designer no longer requires the database configuration to be set-up separately. The installation and security guides give further information.

- **Database Security**

The MSM database now supports the use of Oracle database security for controlling access to the schema and data. The installation and security guides give further information.

- **Secure Communications**

The ISSC server and the ISSC desktop clients now support Transport Layer Security (TLS 1.2). The installation and addendum guides give more information.

MSM

This section addresses the technical enhancements included in Macro Space Management Release 14.1.2.1.

Database

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- **Secure Communications**

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Document Enhancements

The following enhancements have been made to the documentation.

- **Installation Guide**

The Installation Guide has been updated to include the new method for setting up database connections, the options for database security.

- **Addendum Guide**

The Addendum Guide introduces all the changes made in the MSP suite (ISSC Client, ISSC Mobile, and MSM).

Related Documentation

For more information, see the following documents:

- *Oracle Retail Macro Space Planning Installation Guide*
- *Oracle Retail Macro Space Planning Addendum Guide*

Supplemental Training

The following documents are available through My Oracle Support. Access My Oracle Support at the following URL:

<https://support.oracle.com>

- *Oracle Retail Macro Space Planning Data Model (ID 2200398.1)*

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

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