Restaurant Enterprise Solution (RES) Version 4.12 Read Me First

About This Document

ReadMe First is a comprehensive guide to the new features, enhancements, and revisions added since the Version 4.11 release of the MICROS Restaurant Enterprise Solution (RES) software.

********************************IMPORTANT*******************************

Be sure to read the RES 4.12 Prerequisites and RES 4.12 Patch Installation instructions located in the RES412_Install_rmf.pdf prior to upgrading.

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********************************REMINDER********************************

It is recommended that custom applications be re-installed and tested after applying any upgrade to a RES system. This includes SQL scripts that add or alter custom stored procedures.

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Upgrading RES

The following versions of RES 4.x, can be upgraded to 4.12 without losing any fixes from those previous releases:

- ◆ 4.11

- ◆ 4.11 MR 1

- ◆ 4.11 MR 2

- ◆ 4.11 MR 3

- ◆ 4.11 MR 4

Document Organization

For clarity, information is divided into self-contained chapters, reflecting the additions and modifications made to the following RES products:

◆ 3700 Point-of-Sale (POS) System

◆ Kitchen Display System (KDS)

◆ Guest Service Solutions (GSS)

◆ Cash Management (CM)

◆ Labor Management (LM)

◆ Product Management (PM)

◆ Financial Management (FM)

◆ RES Platform

Within each section, product information is organized as follows:

◆ What's New

◆ What's Enhanced

◆ What's Revised

Each section begins with an introduction and includes a table that summarizes the features and functionality incorporated in this version of the software. The table provides hypertext links to supplementary text and graphics about the selected topics.

For more information on these features, and step-by-step instructions for configuring them, refer to the product's Online Reference Manual, available from the MICROS website.

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3700 POS

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

The table below summarizes the new features included in this version.

Module	Feature	CR ID/ SCR	Page
Common - Database Manager	DM Upgrades v4.x Database to v4.12	N/A/ 40028	5
	Database Manager Does Not Delete Micros.mbz Files (By Design)	N/A/ 40123	6
Common - Reports	New RES Patch Replaces Web.config Files	N/A/ 40030	6

New Features Detailed

Common - Database Manager

DM Upgrades v4.x Database to v4.12
CR ID #: N/A
SCR #: 40028

The RES 4.12 rules are basically the same as in RES 5.x.

1. In a RES 4.12 system the Database Manager GUI can only Restore a database that is already at 4.12 and backed up so that it ends in an extension of .mbz4g2.

2. To restore a 4.11.mbz to an existing 4.12 RES server, please refer to the instructions titled "RES 4.12 Database Manager Rules" located in the *RES412_Install_rmf.pdf*.

Database Manager Does Not Delete Micros.mbz Files (By Design)

CR ID #: N/A
SCR #: 40123

RES v4.12 creates database backups with the .mbz4g2 extension so that Database Manager can distinguish it from .mbz and .mbz5 databases. It also keeps track of and saves the configured number of .mbz4g2 backups. RES v4.12 will NOT delete leftover database backups with the extension of .mbz. These legacy backed up databases can be deleted by the user after the desired number of .mbz4g2 backups have been created.

Common - Reports

New RES Patch Replaces Web.config Files

CR ID #: N/A
SCR #: 40030

The Web.config files for Manager Procedures, Report Viewer, etc. (located in C:\Program Files\MICROS\Common\) will always be replaced when a new RES patch is loaded. Therefore, if any custom modifications were made to these files, they must first be backed up (make a copy of each file and save them).

Before running a new RES patch (upgrade), save the Web.config files located within the following folders under the Common folder:

- ManagerProcsASP

- ManagerProcsFujitsu

- ManagerProcsPPC

- MenuBoard

- ReportViewer

- ResPosApiWeb

All C# applications have been upgraded in RES 4.12 from .NET 1.0 to .NET 2.0. The database connection has also changed. This affects the following applications:

3. Manager Procedures

4. Report Viewer

5. PMPPC

6. TMS Service

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current 3700 POS application. To qualify as an enhancement, the change must satisfy the following criteria:

◆ The basic feature or functionality already exists in the previous release of the software.

◆ The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

The table below summarizes the enhancements included in this version.

Module	Enhancement	CR ID/ SCR	Page
Database Engine	Database Engine Updated to Sybase SQL Anywhere 11	N/A/ 40023	8

Enhancements Detailed

Database Engine

Database Engine Updated to Sybase SQL Anywhere 11
CR ID #: N/A
SCR #: 40023

The database engine has been updated in RES v4.12 to Sybase SQL Anywhere 11 (from Sybase 9). Please refer to the RES 4.12 Prerequisite Patch Documentation (RES412_Prereq_Patch_MD.pdf) for more information. Due to this database engine update, a new Prerequisite Patch is required prior to installing RES 4.12.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the 3700 POS software. To qualify as a revision, the change must satisfy the following criteria:

◆ The basic form, feature, or functionality must be part of the previous version of the software.

◆ The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. These issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

The table below summarizes the revisions included in this version.

Module	Revision	CR ID/ SCR	Page
POS Configurator	Sybase ODBC Service Registry Setting Changed	N/A/ 40048	10
POS Operations	Group Combination Pricing Incorrect with Non-Priced Trigger Items and Priced Condiments	N/A/ 40067	10
	Non-Priced Menu Item as Discount Trigger not working with Combination Pricing	N/A/ 40067	10
Reports	Consolidated RVC and SYS Tax Totals Reports Show Incorrect Value for Net Sales	29304/ 40058	11
	Consolidated SYS Menu Item Sales Summary Reports Grouped by Family Group	N/A/ 40057	11
	Employee Sales and Tips Totals by RVC Returns all RVC's	32590/ 40055	11

Revisions Detailed

POS Configurator

Sybase ODBC Service Registry Setting Changed
CR ID #: N/A
SCR #: 40048

The Sybase ODBC service registry setting has been changed with the installation of RES v4.12. To enhance security, the RES server will now ignore all universal broadcast requests that do not specify the server's IP address.

POS Operations

Group Combination Pricing Incorrect with Non-Priced Trigger Items and Priced Condiments
CR ID #: N/A
SCR #: 40067

Previously, under certain scenarios, if the print option **Group Combination on Guest Check** (*POS Configurator | Sales | Discounts | Rule Setup*) was enabled, and a non-priced item was used as one of the discount triggers, the printed check was incorrect. The non-priced trigger item was not printing under the Combination Discount Group name on the guest check and the priced condiment was printing the price. This has been corrected.

Non-Priced Menu Item as Discount Trigger not working with Combination Pricing
CR ID #: N/A
SCR #: 40067

Previously, when the option **Allow non-priced menu items as discount triggers** (*POS Configurator | Revenue Center | RVC Discount | Service*) was enabled, non-priced menu items would not trigger an Automatic Discount that had a **Rule Type** (*POS Configurator | Sales | Discounts | Rule Setup*) of **Combination Pricing**. This has been corrected.

Reports

Consolidated RVC and SYS Tax Totals Reports Show Incorrect Value for Net Sales
CR ID #: 29304
SCR #: 40058

Previously, the Consolidated RVC Tax Totals and the Consolidated SYS Tax Totals reports would show an incorrect value for net sales when run for a range of days. This has been corrected.

Consolidated SYS Menu Item Sales Summary Reports Grouped by Family Group
CR ID #: N/A
SCR #: 40057

Previously, the Consolidated SYS Menu Item Sales Summary report did not list the Family Group Name for each grouped category. This has been corrected.

Employee Sales and Tips Totals by RVC Returns all RVC's
CR ID #: 32590
SCR #: 40055

Previously, the Employee Sales and Tip Totals by Revenue Center Report did not filter the revenue center(s) based on the user's selection. All revenue centers would always display or print. This has been corrected.

Kitchen Display System (KDS)

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

There are no new features in this version of software.

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current 3700 POS application. To qualify as an enhancement, the change must satisfy the following criteria:

◆ The basic feature or functionality already exists in the previous release of the software.

◆ The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

There are no enhancements in this version of software.

What's Revised

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Revisions Summarized

There are no revisions in this version of software.

Guest Service Solutions (GSS)

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

There are no new features in this version of software.

What's Enhanced

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◆ The basic feature or functionality already exists in the previous release of the software.

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Enhancements Summarized

There are no enhancements in this version of software.

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Revisions Summarized

There are no revisions in this version of software.

Cash Management (CM)

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

There are no new features in this version of software.

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current Cash Management application. To qualify as an enhancement, the change must satisfy the following criteria:

- The basic feature or functionality already exists in the previous release of the software.

The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

There are no enhancements in this version of software.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the 3700 POS software. To qualify as a revision, the change must satisfy the following criteria:

◆ The basic form, feature, or functionality must be part of the previous version of the software.

◆ The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. These issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

There are no revisions in this version of software.

Labor Management (LM)

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

There are no new features in this version of software.

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current Cash Management application. To qualify as an enhancement, the change must satisfy the following criteria:

◆ The basic feature or functionality already exists in the previous release of the software.

The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

There are no enhancements in this version of software.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the 3700 POS software. To qualify as a revision, the change must satisfy the following criteria:

- The basic form, feature, or functionality must be part of the previous version of the software.

- The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. These issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

There are no revisions in this version of software.

Product Management (PM)

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

There are no new features in this version of software.

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current Cash Management application. To qualify as an enhancement, the change must satisfy the following criteria:

◆ The basic feature or functionality already exists in the previous release of the software.

The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

There are no enhancements in this version of software.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the 3700 POS software. To qualify as a revision, the change must satisfy the following criteria:

◆ The basic form, feature, or functionality must be part of the previous version of the software.

◆ The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. These issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

The table below summarizes the revisions included in this version.

Module	Revision	CR ID/ SCR	Page
PM Procedures	MC55/MC70 Dependency Error When Launching PM Procedures from POS Operations (Known Limitation)	N/A/ 40116	26

Revisions Detailed

PM Procedures

MC55/MC70 Dependency Error When Launching PM Procedures from POS Operations (Known Limitation)
CR ID #: N/A
SCR #: 40116

An error occurs when trying to launch 'PMProcedures.exe' from POS Operations on an MC55 or MC70 Handheld device. This is a known limitation. For this reason, workaround procedures have been provided below to explain how to install PM Procedures on the handheld and how to execute the application from File Explorer. This will avoid known limitations attempting to run PM Procedures in POS Operations.

Workaround Procedures:

1. On the MC55 / MC70, open FILE EXPLORER and go to the \Micros\Bin folder.

2. Locate 'Symbol.all.arm' and click on this file to install manually on the handheld client.

3. When prompted with 'Choose a location to install "Symbol Managed Class Libraries", select DEVICES (default) and then press the INSTALL button in the bottom Task Bar.

4. Once installed, you will receive a confirmation message on the handheld device: "symbol.all.arm.cab, was successfully installed on your device", Press the OK button in the upper right-hand corner of the screen to return to the \Micros\Bin folder.

5. Click on 'PMProcedures' to launch the PM application.

6. Log in to PM Procedures and select the desired function.

Due to known issues found when trying to run PM Procedures in POS Operations, it is recommended that POS Operations NOT be used to run PM Procedures on the MC55/ MC70 handheld devices in RES v4.12.

Financial Management (FM)

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

There are no new features in this version of software.

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current Cash Management application. To qualify as an enhancement, the change must satisfy the following criteria:

◆ The basic feature or functionality already exists in the previous release of the software.

The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

There are no enhancements in this version of the software.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the 3700 POS software. To qualify as a revision, the change must satisfy the following criteria:

- The basic form, feature, or functionality must be part of the previous version of the software.

- The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. These issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

There are no revisions in this version of software.

RES Platform

Introduction

This chapter comprises changes made to the RES Platform, which includes the following applications:

- ◆ MICROS Desktop

- ◆ License Manager

- ◆ Reports Explorer

- ◆ Language Translation Utility

- ◆ System Security

- ◆ Database Manager

What's New

A new feature is defined as one that provides capabilities that were not available in previous versions of the application.

New Features Summarized

There are no new features in this version of the software.

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current Cash Management application. To qualify as an enhancement, the change must satisfy the following criteria:

◆ The basic feature or functionality already exists in the previous release of the software.

The change adds to or extends the current process. This differs from a revision (i.e., a bug fix) which corrects a problem not caught in the previous release of the software.

Enhancements Summarized

There are no enhancements in this version of the software.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the PM software. To qualify as a revision, the change must satisfy the following criteria:

- The basic form, feature, or functionality must be part of the previous version of the software.

- The change must replace the current item or remove it from the application.

Additionally, all reported issues that are deemed to be BY DESIGN are included in this section as well. These issues will contain the preface **BY DESIGN** in front of the feature name.

Revisions Summarized

There are no revisions in this version of the software.