



Restaurant Enterprise Solution
Enterprise Management
Version 4.10
ReadMe First

About This Document

ReadMe First is a quick reference guide that includes information about the new features, enhancements, and revisions added since the 4.9 release of the MICROS Enterprise Management (EM) software.

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.

This release may contain some known issues that require configuration to prevent. These issues will contain the text “**KNOWN ISSUE**” before a description of the event in the Revisions section of this document. Please review this section carefully.

For installation and configuration instructions see the *Enterprise Management 4.10 Installation and Configuration Guide, MD0009-074 Revision I*.

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Declarations

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General Information

Who Should Be Reading This Document

This document is intended for the following audiences:

- ◆ MICROS Installers/Programmers
- ◆ MICROS Dealers
- ◆ MICROS Customer Service
- ◆ MICROS Training Personnel
- ◆ MICROS Customer Database Administrator
- ◆ Customer MIS Personnel
- ◆ Customer Database Administrator

What the Reader Should Already Know

This document assumes that you have the following knowledge or expertise:

- ◆ Operational understanding of PCs
- ◆ Understanding of basic network concepts
- ◆ Experience with Windows Operating Systems.
- ◆ Basic knowledge of relational database concepts
- ◆ Understanding of hospitality terminology and concepts
- ◆ Understanding of MICROS 3700 POS system and Restaurant Enterprise Series products

**EM and RES
Version
Compatibility**

The *EM 4.10 Installation and Configuration Guide* contains a detailed list of EM Versions installed at corporate and the corresponding version of RES required at both corporate and at EM stores (for all versions).

Please refer to this document for more information.

EM 4.10 (4.10.0.706)

RES Corporate Versions	RES Store Versions
4.10 (4.10.3.3355)	5.0 GR (5.0.0003.0416) & Higher 4.1 HF2 (4.1.17.773) & Higher 4.3 HF1 (4.3.16.1526) & Higher 4.4 (4.4.16.1832) & Higher 3.2 SP7 HF6 (3.2.101.1895) - 3.2 SP7 HF7 (3.2.105.2286)

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	Page
Install	RES 5.0 Stores Now Supported	5
RES Support	New Tables, Columns and Store Procedures Supported	6

New Features Detailed

Install

RES 5.0 Stores Now Supported

CR ID #: N/A

SCR #: 38005

EM 4.10 RES 5.x store.

EM 4.10 requires the user to have administrator rights to execute both SetStore.exe and StoreSetup.exe. If logged in as administrator the user will be prompted to select 'OK' after right clicking the SetStore.exe and selecting 'Run as administrator' option. If the user is not logged in as an administrator then the user will be prompted for the administrator password to continue.

RES Support

New Tables, Columns and Store Procedures Supported

The following new tables, options and stored procedures are supported in this release of EM:

On the *POS Configurator / Sales / Tender Media / Tender* tab:

- ◆ **SRM Payment Type**

- ◆ tmed_def.srm_payment_type

On the *POS Configurator / Sales / Tender Media / Service TTL* tab:

- ◆ **Default service total for timed orders**

- ◆ tmed_def.ob_timed_order_dflt_svc_ttl

On the *POS Configurator / Sales / Tender Media / Printing* tab:

- ◆ **Duplicate check**

- ◆ tmed_def.ob_print_duplicate_check

On the *POS Configurator / Sales / Print Groups*:

This is a new form in POS Configurator and a new database table.

- ◆ print_grp_def.print_grp_seq

- ◆ **Number**

- ◆ print_grp_def.obj_num

- ◆ **Name**
 - ◆ print_grp_def.print_grp_name
- ◆ **Show print group section**
 - ◆ print_grp_def.ob_show_print_grp_section
- ◆ **Show print group sub section**
 - ◆ print_grp_def.ob_show_print_grp_sub_section

On the *POS Configurator* | *Employees* | *Employee Classes* | *Delivery* tab:

- ◆ **Make order transferable**
 - ◆ emp_class_def.ob_make_order_xfer

On the *POS Configurator* | *System* | *Restaurant* | *Options* tab:

- ◆ **Enable Sales Recording Module (SRM)**
 - ◆ rest_def.ob_enable_srm
- ◆ **Grams (g)**
 - ◆ rest_def.ob_rvc_weight_in_grams

On the *POS Configurator* | *System* | *Restaurant* | *Security* tab:

- ◆ **Encrypted MSR Mode**
 - ◆ rest_def.ob_EMSR_mode

- ◆ **New Store Procedures**

- ◆ 170 - Clear Table Section and Employee Assignments
- ◆ 171 - Clear Layout Employee Assignments

What's Enhanced

An enhancement is defined as a change made to improve or extend the functionality of the current EM 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

No enhancements have been added to this release.

What's Revised

A revision is defined as a correction made to any existing form, feature, or function currently resident in the EM 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
Corporate Configurator (EMCC)	Price Editor Failed to Update	30201/ 38500	11
	Unable to Enter or Edit Prices with Three Decimals	30198/ 38497	11
Database	EM Reports Failed Due to Syntax Error	30173/ 38489	11
MESE/ Storage	Validating Change Log Takes Too Long	N/A/ 37825	12
Utilities	Menu Item Price Cleaner Errors At Update	31048/ 38877	12

Corporate Configurator (EMCC)

Price Editor Failed to Update

CR ID #: 30201

SCR #: 38500

Previously, the Price Editor could fail to respond when updating or adding prices. When trying to exit the Price Editor, the following error would occur:

- ◆ *'Object reference not set to an instance of an object'*

This has been corrected.

Unable to Enter or Edit Prices with Three Decimals

CR ID #: 30198

SCR #: 38497

Previously, Enterprise Management Corporate Configurator (EMCC) and Price Editor failed to allow prices to be entered or edited with three decimal places. Two decimal places were only being accepted on a three decimal database. This has been corrected.

Database

EM Reports Failed Due to Syntax Error

CR ID #: 30173

SCR #: 38489

Previously, due to a syntax error in the store procedure, the following reports could error:

- ◆ EM (XPLR) Inventory Item Usage Analysis (Store)
- ◆ EM (XPLR) Inventory Item Usage Analysis (Store Group)

MESE/Storage

Validating Change Log Takes Too Long

CR ID #: N/A

SCR #: 37825

Previously, validating the change log would take too long. This was due to the deployment engine validating the implicit subscriptions and updating the reference counts for each item. This process was repeated for each store. Now this process is only done once and is used for all stores.

Utilities

Menu Item Price Cleaner Errors At Update

CR ID #: 31048

SCR #: 38877

Previously, when using the Menu Item Price Cleaner Utility on a EM corporate database the following error message could occur:

- ◆ *Invalid value for column 'mi_price_seq' in tbl 'menu_item_price_status'*

This occurred due to the Menu Item Price Cleaner Utility creating the temporary table 'menu_item_price_status' and the menu item price record had a mi_price_seq that exceeded 10,000,000. This has been corrected by changing the data type of columns involved in the temporary table from SEQ_NUM to SEQ_NUM_EX.