



Restaurant Enterprise Solution

Enterprise Management

Version 4.8

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 4.7 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 4.8 Installation and Configuration Guide, MD0009-074 Revision E*.

MD0009-082
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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 4.8 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 4.8 (4.8.0.640)

RES Corporate Versions	RES Store Versions
4.8 (4.8.3.2655)	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
Options Supported	POS Configurator Options Supported	5
	Cash Management Options Supported	10
	Labor Management Options Supported	11
	Product Management Options Supported	11
Totals Collection	Cash Management Totals	12

New Features Detailed

RES Options Supported

POS Configurator Options Supported

The following new POS Configurator options are supported in this release of EM:

On the *POS Configurator / Sales / Menu Item Classes / Print* tab:

- ◆ **Print Barcode Id on Guest Check**
- ◆ **Print Barcode Id on Remote Order Device**

On the *POS Configurator / Sales / Menu Item Classes / Display* tab:

- ◆ **Display Barcode Id on Touchscreen**

On the *POS Configurator / Sales / Condiments / Condiment Selection* tab:

- ◆ **Forced Condiment**
- ◆ **Staydown on Max**

On the *POS Configurator / Sales / Combo Meals / Combo Meals / General or EM Corporate Configurator / Combo Meals* tab:

- ◆ **Forced Default Item Confirmation**

On the *POS Configurator / Sales / Discounts / Options* tab:

- ◆ **Print Multiple Checks/Receipts**
- ◆ **Prompt for Multiple Checks/Receipts**

On the *POS Configurator / Sales / Service Charges / Options* tab:

- ◆ **Print Multiple Checks/Receipts**
- ◆ **Prompt for Multiple Checks/Receipts**

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

- ◆ **Exempt inclusive service charge**
- ◆ **Enable Tender Truncation**
 - ◆ Due to Truncation and Rounding being mutually exclusive, truncation should not be enabled until all stores are on RES Version 4.8 or Higher. Enabling Truncation could result in Rounding being disabled, even if the store does not have the Truncation option.

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

- ◆ **Print Multiple Checks/Receipts**
- ◆ **Prompt for Multiple Checks/Receipts**

On the *POS Configurator / Sales / Currency* tab:

- ◆ **Always truncate this currency**
 - ◆ Due to Truncation and Rounding being mutually exclusive, truncation should not be enabled until all stores are on RES Version 4.8 or Higher. Enabling Truncation could result in Rounding being disabled, even if the store does not have the Truncation option

On the *POS Configurator / Employees / Employee Classes / Clock In / Sign In* tab:

- ◆ **Do not prompt for paid breaks**
- ◆ **Do not prompt for unpaid breaks**
- ◆ **Clock in after recent clock out**

On the *POS Configurator / Employees / Employee Classes / Transactions / Transaction Control* tab:

- ◆ **Exempt inclusive service chg**

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

- ◆ **Suppress driver available confirmation**
- ◆ **Suppress DD check transfer confirmation**
- ◆ **Suppress DD check open/payment confirmation**

On the *POS Configurator / Employees / Employee Classes / Cash Management / Till Options* tab:

- ◆ **Close till from front of house**
- ◆ **Close till from back of house**

On the *POS Configurator / Employees / Time and Attendance / Breaks* tab:

- ◆ **Recent clock out minutes**

On the *POS Configurator / Devices / Touchscreens / Touchscreens / Display Options* tab:

- ◆ **Make Key**
- ◆ **Split Key**

On the *POS Configurator / Revenue Center / RVC Discount / Service* tab:

- ◆ **Turn inclusive service charge off**
- ◆ **Auto Inclusive Service Charge**
- ◆ **Enable truncation for discounts / service charges**
 - ◆ Due to Truncation and Rounding being mutually exclusive, truncation should not be enabled until all stores are on RES Version 4.8 or Higher. Enabling Truncation could result in Rounding being disabled, even if the store does not have the Truncation option

On the *POS Configurator / Revenue Center / RVC Display Design* tab:

- ◆ **Consolidate FPM with 'a La Carte' items**

On the *POS Configurator / Revenue Center / RVC Posting / Options* tab:

- ◆ **Enable total due truncation**
 - ◆ Due to Truncation and Rounding being mutually exclusive, truncation should not be enabled until all stores are on RES Version 4.8 or Higher. Enabling Truncation could result in Rounding being disabled, even if the store does not have the Truncation option.

On the *POS Configurator / Revenue Center / RVC Printing / Options* tab:

- ◆ **Print Multiple Checks/Receipts**
- ◆ **Prompt for Multiple Checks/Receipts**
- ◆ **Number of Checks/Receipts to Print**

On the *POS Configurator / Revenue Center / RVC Touchscreens / Touchscreens / Check / Check SLU Icons* tab:

- ◆ **VIP Order**
- ◆ **Rush Order**
- ◆ **Check Printed**

On the *POS Configurator / Revenue Center / RVC Touchscreens / Touchscreens / Check / Table Object Icons* tab:

- ◆ **VIP Order**
- ◆ **Rush Order**
- ◆ **Check Printed**

On the *POS Configurator / Revenue Center / RVC Transactions / General* tab:

- ◆ **Use Condiment Placeholders**

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

- ◆ **Employee Status Report**
- ◆ **Ounces**

On the *POS Configurator / System / Reasons* tab:

- ◆ **ESR Action**
- ◆ **ESR Action Reason Code**
- ◆ **Use with clock in after recent clock out**
- ◆ **Use with early clock in from unpaid break**
- ◆ **Recent clock out is a break**
- ◆ **Is paid break**

On the *POS Configurator / System / Order Types / General* tab:

- ◆ **Print Multiple Checks/Receipts**
- ◆ **Prompt for Multiple Checks/Receipts**
- ◆ **Disable Promise Time Delay**

Cash Management Options Supported

The following new Cash Management options are supported in this release of EM:

On the *Cash Management / Configuration / Items and Units / Units* tab:

- ◆ **Auto Count**
- ◆ **POS Item**

On the *Cash Management / Configuration / Physical Tills* tab:

- ◆ **Till ID**
 - ◆ This requires Totals Collection support. Please see the Totals Collection section for more information.

Labor Management Options Supported

The following new Labor Management options are supported in this release of EM:

On the *Labor Management / Rules/Laws / Labor Laws / Child Labor Laws / Work Restrictions / School day restrictions* tab:

- ◆ **Maximum minutes before break**

On the *Labor Management / Rules/Laws / Labor Laws / Child Labor Laws / Work Restrictions / Non-school day restrictions* tab:

- ◆ **Maximum minutes before break**

Product Management Options Supported

The following new Product Management options are supported in this release of EM:

On the *Product Management / Setup / Vendors / Contact Information* tab:

- ◆ **Is store**

Store Totals Collection

Cash Management Totals

The following new Cash Management totals tables and columns are supported in this release of EM:

On the *MECU / Subscription / Store Totals Collection* tab:

- ◆ **Daily System Employee Till Order Type Total**
- ◆ **Daily System Employee Till Tracking Total**
- ◆ **Daily System Employee Till Total**

The following columns have been added to existing totals tables and are supported in the release of EM:

- ◆ **cm_receptacle_dtl.cm_physical_till_seq**
- ◆ **cm_receptacle_dtl.open_timestamp_loc**
- ◆ **cm_transaction_dtl.transaction_time_loc**

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

The table below summarizes the enhancements included in this version.

Application	Feature	Page
Corporate Configurator	Add 'New' Price Button to the Price Editor	14
POS Configurator	Jobs Added to the Employee Subscription by Store Group	14

**Enhancements
Detailed**

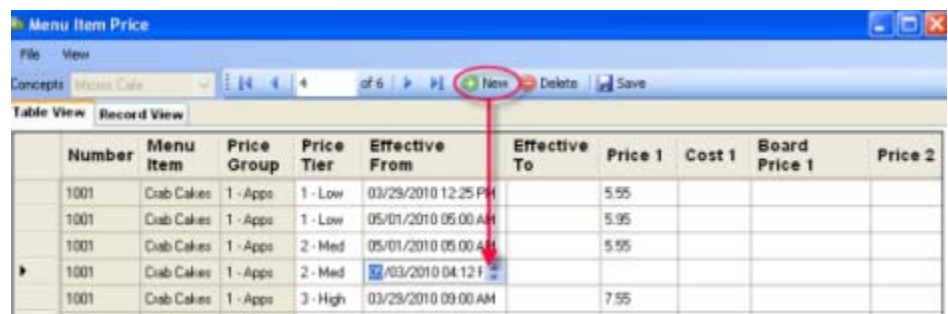
Corporate Configurator (EMCC)

Add 'New' Price Button to the Price Editor

CR ID #: N/A

SCR #: 35843

Previously, the Price Editor only allowed edits to existing prices. With this release, the Price Editor has been enhanced to allow adding new price records to menu items. The 'New' button will insert a new price record.



Once a new record is added, all attributes of the price record can be configured and saved.

POS Configurator

Jobs Added to the Employee Subscription by Store Group

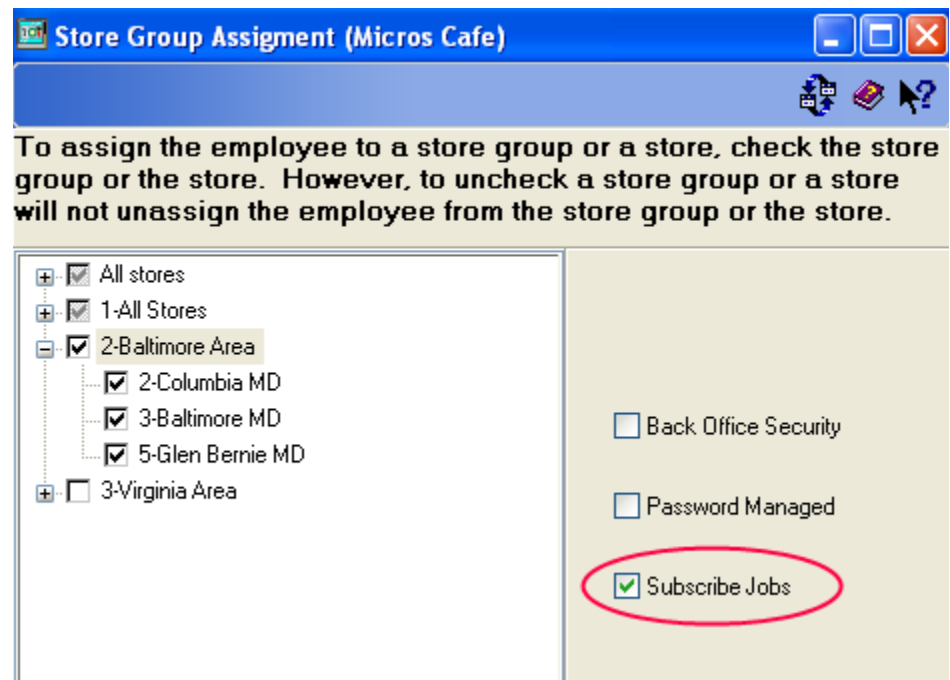
CR ID #: N/A

SCR #: 37003

Previously, to subscribe jobs to an employee, the user had to select each store the employee was assigned to and add each job. There have been two enhancements to the way jobs can be assigned to the employees.

Scenario 1 - This should be used when assigning an employee to a group of stores.

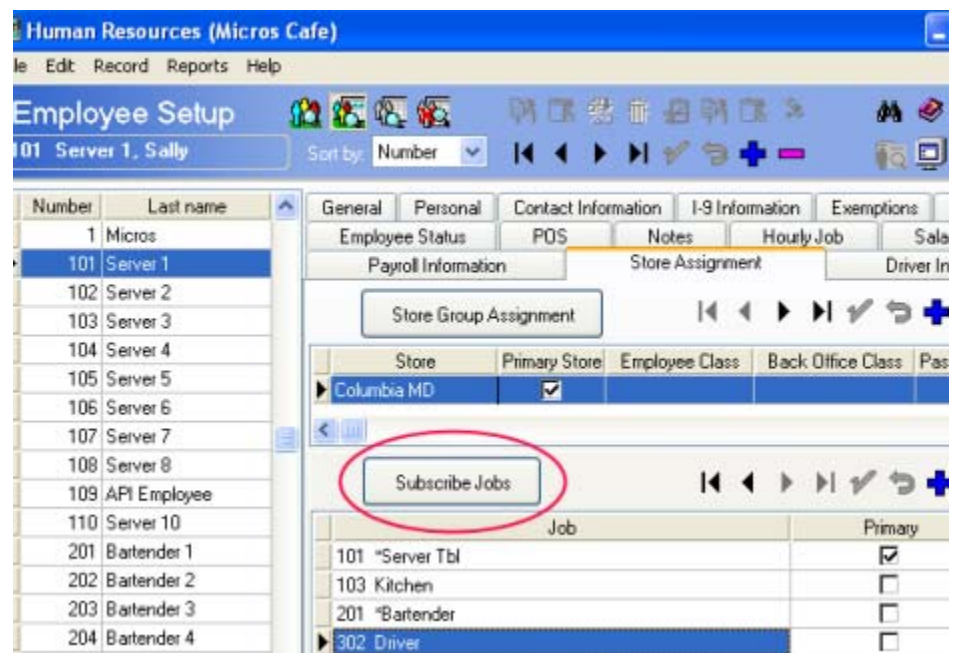
Once the primary store is assigned to the employee the Store Group Assignment button becomes available. When selected, the Store Group Assignment form will open. A Subscribe Jobs option has been added to this form.



If the Subscribed Jobs option is enabled, all jobs assigned to the employee in the Hourly Job tab that are also assigned to the Job Section subscribed to the store, will be assigned. If the employee has a job assigned in the Hourly Job tab but a selected store is subscribed to a Job Section that does not include the job, the job will not be assigned to the store.

Scenario 2 - This should be used once the stores have been assigned to the employees.

Once an employee has been assigned to a store, a new Subscribe Jobs button will be available. When the button is clicked on, the jobs assigned to the employee in the Hourly Job tab that are also assigned to the Job Section subscribed to the store will be assigned. If the employee has a job assigned in the Hourly Job tab but the selected store is subscribed to a Job Section that does not include the job, the job will not be assigned to the store.



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 revision included in this release:

Application	Feature	CR ID / SCR	Page
Store Setup	Store Setup Fails if Store Number is 1	N/A / 37127	18
MECU	Incomplete Menu Items Can be Subscribed	N/A / 37311	18
Corporate Configurator	BY DESIGN: Updating Menu Item Name Does Not Update Favorites	N/A / 32511	19
	Combo Side Items Not Displayed in Correct Order	28710 / 37287	19
Menu Item Price Wizard	Command Line Import Can Cause Prices Not to Deploy	28316 / 37035	19
	Export Does Not Include NLU	N/A / 37263	19
UCT Configurator	Does Not Drop Updates to Default Printer	N/A / 37252	20
Deployment	Not Deploying Store Version of Touchscreens	N/A / 37037	20

Application	Feature	CR ID / SCR	Page
POS Configurator	BY DESIGN: Menu Board Fonts	N/A / 37392	20
	Can Not Delete Touchscreen Keys Copied From Default Version	27505 / 36405	21
	BY DESIGN: Employee Status Report Option Not Available For Corporate Store	N/A / 36870	21
Cash Management	Invalid ID Error When Opening CM on a Concept Database	28222 / 36967	22

Store Setup

Store Setup Fails if Store Number is 1

CR ID #: N/A
32511

The Corporate Store, by default, is number 1. If this was changed and a store was assigned 1 for the Number, Store Setup would fail. This has been corrected.

MECU

Incomplete Menu Items Can be Subscribed

In previous versions incomplete menu items would display in the MECU and were able to be subscribed to stores. The MECU now will not display menu items that do not have a valid configuration.

Corporate Configurator

BY DESIGN: Updating Menu Item Name Does Not Update Favorites

CR ID #: N/A

SCR #: 32511

By design, changing the name of a menu item will not update the name if the menu item is in the favorites list. The menu item needs to be deleted from favorites then re-added.

Combo Side Items Not Displayed in Correct Order

CR ID #: 28710

SCR #: 37287

In previous versions, Combo side items did not automatically sort in the correct order. This has been corrected.

Menu Item Price Wizard

Command Line Import Can Cause Prices Not to Deploy

CR ID #: 28316

SCR #: 37035

In previous versions, when importing menu item prices from the command line, the prices would be in the database but they would not deploy to the stores. This has been corrected.

Export Does Not Include NLU

CR ID #: N/A

SCR #: 37263

In previous versions, the NLU and the NLU Group were in the exported file. As of EM v4.5 the fields were not being exported. This has been corrected and the fields are now in the exported file.

UCT Configurator

Does Not Drop Updates to Default Printer

CR ID #: N/A

SCR #: 37252

In previous versions, using the UCT Configurator to drop updates to the *POS Configurator / System / Restaurant / Default Printer Name* could cause the field to be set to NULL. This would happen if the option was set to a network printer, i.e. \\server\printer.

Deployment

Not Deploying Store Version of Touchscreens

CR ID #: N/A

SCR #: 37037

In previous versions, it was possible to make changes to touchscreens at corporate that would cause the store to not see the touchscreen keys. This could happen when changing the version assigned to the store in *POS Configurator / Enterprise / Assign Touchscreens*. This has been corrected.

POS Configurator

BY DESIGN: Menu Board Fonts

CR ID #: N/A

SCR #: 37392

In previous RES versions, the fonts listed in the *POS Configurator / Devices / Menu Board Fonts* drop down selection were hard coded. As of RES 4.8, the fonts available in the drop down list now reflect what is contained in the systems c:\\Windows\\Fonts folder.

If custom fonts are used, EM will manage the database part of the fonts but not the files. The fonts must be installed on both the corporate and stores servers. Also, the fonts must be installed on all Menu Board devices. If the font configured on the corporate server is not installed on the store server, the drop down in *POS Configurator / Devices / Menu Board Fonts* will display the font of the record directly above.

Can Not Delete Touchscreen Keys Copied From Default Version

CR ID #: 27505

SCR #: 36405

In previous RES versions, if a touchscreen key was copied from the default version to a non-default version of a touchscreen and the 'EM Lock Shape' or the 'EM Lock Attributes' was enabled, the key could not be deleted. As of RES v4.8, when a touchscreen key is copied from the default version to a non-default version, the 'EM Lock Shape' and the 'EM Lock Attributes' fields will be set to 'False'.

BY DESIGN: Employee Status Report Option Not Available For Corporate Store

CR ID #: N/A

SCR #: 36870

In previous RES versions, the option *POS Configurator / System / Restaurant / Options / Employee Status Report* was available for the corporate store. As of RES v4.8, the option is not available for the corporate store.

Cash Management

Invalid ID Error When Opening CM on a Concept Database

CR ID #: 28222

SCR #: 36967

In previous RES versions, when trying to login to CM on a concept database the user could receive an 'Invalid ID' error. This has been corrected.