



*Enterprise Management
(EM) Version 4.11
Maintenance Release 1*

About This Document

This document provides installation instructions for the MICROS Enterprise Management (EM) Maintenance Release 1 for Version 4.11. The process ensures the proper transfer and configuration of the files, programs, and database required for the smooth operation of the applications.

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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**EM and RES
Version
Compatibility**

The *EM 4.11 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 4.11 MR1 (4.11.1.753)

RES Corporate Versions	RES Store Versions
4.11 MR4 (4.11.401.3931)	5.0 GR (5.0.0003.0416) & Higher
4.11 MR5 (4.11.503.3994)	4.1 HF2 (4.1.17.773) & Higher 4.3 HF1 (4.3.16.1526) & Higher 4.4 (4.4.16.1832) & Higher 4.12 & Higher 3.2 SP7 HF6 (3.2.101.1895) - 3.2 SP7 HF7 (3.2.105.2286)

Maintenance Release Installation

Installing a Maintenance Release

This Maintenance Release will be required to be installed on Corporate and Store systems. The Corporate Setup requires RES 4.11 MR4 or 4.11 MR5.

Please refer to the *EM 4.11 Installation and Configuration Guide* to obtain further installation details.

Installation Notes

Installing the Maintenance Release on a EM server will stop all of the running MICROS services before installing the updated files.

The same Maintenance Release may be installed more than once. This should not be needed, except in the rare case where an installation has failed. Multiple Maintenance Releases may be installed as needed.

Maintenance Release 1

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 enhancements included in this Maintenance Release.

Module	Enhancement	CR ID/ SCR	Page
Install	RES 4.12 Stores Supported	N/A/ 40059	5

New Features Detailed

Install

RES 4.12 Stores Supported

CR ID #: N/A

SCR #: 40059

EM 4.11 MR1 supports RES 4.12 store. When upgrading a store to RES 4.12 or a new RES 4.12 install, EM must be upgraded to version 4.11 MR1 to manage the store.

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 Maintenance Release.

Module	Enhancement	CR ID/ SCR	Page
RES Options Supported	POS Configurator Options Supported	N/A/ 39923	7

**Enhancements
Detailed**

RES Options Supported

POS Configurator Options Supported

CR ID #: N/A

SCR #: 39923

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

On the *Sales / Menu Item Classes / General Options* tab:

- ◆ **Scan for Condiment Placeholders After Order**

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

- ◆ **Do not display**

There are special conditions when managing the Do not display option. EM will handle the option Do not display by the following:

If the store does not have this option and there is a new Menu Item Class in the package with **Do not display** enabled, EM will set the *Display in Touchscreen Detail* to **Name 1 Only**.

If the store does not have this option and there is an update to an existing Menu Item Class in the package with **Do not display** enabled, EM will not update the current setting for the *Display in Touchscreen Detail*.

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

- ◆ **Print NLU on Guest Check**

- ◆ **Print NLU on Remote Order Device**

On the *Sales / Discounts / General* tab:

- ◆ **Type - Payment Enabled Automatic**

On the *Sales / Discounts / Rule Setup* tab:

- ◆ **Trigger 5**
- ◆ **Trigger 6**
- ◆ **Trigger 7**
- ◆ **Trigger 8**

On the *Devices / Touchscreen Designer* tab:

- ◆ **Category - Add/Xfer Check SLU - API Only**

What's Revised?

A revision is defined as a correction made to any existing form, feature, or function currently resident in the EM Version 4.11 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.

Revisions Summarized

The table below summarizes the revisions included in this Maintenance Release.

Module	Revision	CR ID/ SCR	Page
Configurator	Removing NLU Could Result in an Error	33667/ 39935	10
Mepi Rules	Activation Package Could Error on Reasons	N/A/ 39945	10

Revisions
Detailed

Configurator

Removing NLU Could Result in an Error

CR ID #: 33667

SCR #: 39935

Previously, removing the **NLU** from a menu item in the Corporate Configurator by using the backspace key resulted in an error. This has been corrected.

Mepi Rules

Activation Package Could Error on Reasons

CR ID #: N/A

SCR #: 39945

Previously, an activation package could fail if the **Default Reason for Time Card Adjustments** (*POS Configurator | Employees | Time and Attendance | Payroll*) was linked at corporate. This has been corrected. Now, if the **Default Reason for Time Card Adjustments** is linked, EM will implicitly subscribe Reasons.