Restaurant Enterprise Solution (RES) Version 4.8 Maintenance Release 1

About This Document

This document provides installation instructions for the MICROS Restaurant Enterprise Solution (RES) Maintenance Release 1 for Version 4.8. The process ensures the proper transfer and configuration of the files, programs, and database required for the smooth operation of the applications.

Listed in this document are the revisions that have been implemented within this Maintenance Release.

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Maintenance Release 1

Installing a Maintenance Release

This Maintenance Release can only be installed on a system that has the released version of RES 4.8 (build 4.8.3.2655) installed.

Before You Begin

1. Close ALL running MICROS applications, except Control Panel.

2. In the MICROS Control Panel, set the Restaurant to OFF.

3. Make sure all of the POS Clients are at System Closed.

4. Close the MICROS Control Panel

Installation

1. Copy the Maintenance Release, RES_48_MR1.exe to the temp folder on your RES Server.

2. Double-click on RES_48_MR1.exe. The patch will run for a short time. Once the patch is complete, the RES server will automatically reboot.

Installation Notes

Installing the Maintenance Release on a RES server will stop all of the running MICROS services before installing the updated files. The RES server will reboot upon completion. The Maintenance Release may include updated files for the POS Clients. Once the server has rebooted, all of the clients will install the updated files. Once finished, the clients will then reboot.

Before installing updated files on your system, the Maintenance Release preserves the original files by appending .PrePatchRestore to the existing filename. **It is absolutely critical that these renamed files be left in place**, exactly as they are. The removal or modification of these archived .PrePatchRestore files will render your RES server un-patchable by future RES releases.

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.

Installing the Maintenance Release produces a log file named MicrosNovaPatch.log, which will be located in the *%windir%* folder.

Installing a Maintenance Release will create a unique registry key:

HKEY_LOCAL_MACHINE\SOFTWARE\MICROS\NovaFix\RES_48_MR1

Within this key, a value name 'Installed Date' is created. The data for this value will be the date the Maintenance Release was installed.

All maintenance releases will add a row to the database in db_version_cfg to indicate that a Maintenance Release patch has been executed against the DB. The 'db_module_desc' will be 'RES 4.8 Maintenance Release 1'. The 'db_service_pak_desc' column will be the same as the RES row.

Revisions

Whats Revised?

A revision is defined as a correction made to any existing form, feature, or function currently resident in the RES Version 4.8 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
CAL	CAL Version 21 Does Not Work with ForceUpdate Packages	N/A/ 37557	7
	CAL Client List Blank on WS5	N/A/ 37556	7
Cash Management	Till Adjustment With Negative Amount Not Working	29192/ 37608	7
Database	MyLabor Does Not Work With RES v4.8	N/A/ 37570	8

Module	Revision	CR ID/ SCR	Page
POS Operations	POS Operations Can Error When Multiple Tenders Require References	29131/ 37569	8
	Combo Meals Rung With Quantity Key in Non-COM Ring Too Many	29148/ 37579	8
	Applying Discount Could Give "No sales to discount" Error With COM	29163/ 37589	9
	Touchscreens Not Updating Correctly After Changing Menu Levels With COM	29160/ 37587	9
	ViVopay DTc Auth Request Message Does Not Include RFID Capable	N/A/ 37583	9
	POS Operations Can Error with 'Magnetic Card Entry Required'	N/A/ 37603	10
	Pickup Open Check SLU Not Displaying Correct Message	29152/ 37601	10
	'Item Price Substitution' Discount Rule Type Not Working as Expected	29191/ 37607	10
Reports	Daily RVC Discounts Detail Report Could Have Incorrect Authorizing Employee	28493/ 37590	11

**Revisions
Detailed**

CAL

CAL Version 21 Does Not Work with ForceUpdate Packages
CR ID #: N/A
SCR #: 37557

Version 21 (1.0.3.21) of CALsrv.exe would not install the ForceUpdate packages to clients. The ForceUpdate packages are used by nova fixes and maintenance releases to force clients to upgrade even though the RES version has not changed. This has been corrected.

CAL Client List Blank on WS5
CR ID #: N/A
SCR #: 37556

Previously, when reconfiguring CAL from a WS5, no clients would display in the client list dialog. This has been corrected.

Cash Management

Till Adjustment With Negative Amount Not Working
CR ID #: 29192
SCR #: 37608

Previously, when making a negative adjustment to a till in Cash Management, the adjustment would save as 0.00. This has been corrected.

Database

MyLabor Does Not Work With RES v4.8
CR ID #: N/A
SCR #: 37570

In RES v4.8, the MICROS.sp_UpdateTmClkInfo stored procedure was changed to support employee break enhancements. The change caused MyLabor to not function properly due to the addition of new non-defaulting parameters. The new parameters have now been moved to the end of the parameter list and set to default to null. This has corrected the error.

POS Operations

POS Operations Can Error When Multiple Tenders Require References
CR ID #: 29131
SCR #: 37569

Previously, if using multiple tenders per seat with reference required on each tender it was possible for POS Operations to experience an unhandled exception. This has been corrected.

Combo Meals Rung With Quantity Key in Non-COM Ring Too Many
CR ID #: 29148
SCR #: 37579

Previously, in Non-COM mode, selecting 4 @ for a combo meal would result in 4 combos then 3 combos then 2 combos then 1 combo being rung in. This has been corrected.

Applying Discount Could Give "No sales to discount" Error With COM

CR ID #: 29163
SCR #: 37589

Previously, the ability to select discount items when using Conversational Ordering Mode (COM) when processing Quantity Threshold and Total Price Threshold based discounts would error with "No sales to discount". This has been corrected.

Touchscreens Not Updating Correctly After Changing Menu Levels With COM

CR ID #: 29160
SCR #: 37587

Previously, changing menu levels when using Conversational Ordering Mode (COM), would not update the touchscreen correctly. The touchscreen could display incorrect menu items. This has been corrected.

ViVopay DTc Auth Request Message Does Not Include RFID Capable

CR ID #: N/A
SCR #: 37583

Previously, if a ViVOpay DTc device was used, the authorization request message did not include that the POS workstation was RFID capable. This has been corrected.

POS Operations Can Error with 'Magnetic Card Entry Required'
CR ID #: N/a
SCR #: 37603

Previously, if an employee was required to use a magnetic card (*Employees | Employee Classes | Clock In/Sign In | Require mag card emp ID*) and the user workstation does not allow keyed ID entry (*Devices | User Workstations | Options | General | Allow keyed ID entry*) the 'One Touch Sign In' key would not work properly. POS Operations would error with the 'Magnetic Card Entry Required' message. This has been corrected.

Pickup Open Check SLU Not Displaying Correct Message
CR ID #: 29152
SCR #: 37601

In RES versions prior to 4.8, if the 'Pickup Open Check SLU' or the 'Open Check SLU With No Table' keys were selected and there were no open checks, the message 'No Open Checks Found' would be displayed. In RES version 4.8 the Open Check SLU screen would be displayed but the touchscreen would be blank. The functionality has been restored to show the error message 'No Open Checks Found'.

'Item Price Substitution' Discount Rule Type Not Working as Expected
CR ID #: 29191
SCR #: 37607

In previous RES versions, when applying a discount that had a rule type 'Item Price Substitution' and the option 'Trigger Items must be selected' enabled, POS Operations would display the dialog box 'Please Select the Items to Discount'. Rather than the item selected being discounted, the most expensive item listed in the dialog box would be discounted. This has been corrected.

Reports

Daily RVC Discounts Detail Report Could Have Incorrect Authorizing Employee
CR ID #: 28493
SCR #: 37590

Previously, if an employee picked up another employee's check and then applied a discount that required manager approval, the Daily RVC Discounts Detail report would show the transaction employee as the authorizing employee. This has been corrected.