

"M258-LMC058 firmware"

Read Me

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1 GENERAL

This document contains important information about "M258-LMC058 firmware" V2.0.31.30
Please read the complete document before you run the product.

2 INFORMATION

M258-LMC058 firmware contains these new features:

- Connection to Controller assistant for V4.1
- File system homogenization for Performance platforms (M241, M251, M258 & LMC058)

3 COMPATIBILITY

This firmware is compatible with SoMachine V3.1 and all versions before SoMachine V3.1

4 CONTENT OF THIS PACKAGE

This "**M258 – LMC058**" firmware contains the following components:

- Connection to Controller assistant for V4.1

Controller assistant "Write on controller" functionality is not available for all M258/LMC058 firmware versions. "Write on controller" can be used only if **both** current PLC firmware and firmware to install are:

- Either, at least v2.0.31.30 or v4.0.2.8
- Or, v4.0.X.X older than v4.0.2.8

For all other cases, controller assistant will popup a message to notice the incompatibility. User must then use a USB key to perform the firmware update (the USB key can be generated using "Write to" functionality of controller assistant).

To use the controller assistant for firmware updating, please use the version V4.1.0.3 or greater.

- File system homogenization for Performance platforms (M241, M251, M258 & LMC058)

The file system is the same for all platforms.

Please, refer to the chapter 5 for installing the FW v2.0.31.30

5 INSTALLATION

When updating M258 firmware with USB key,

- LEDs of controller might be temporary switched off.
- **Do NOT power OFF PLC until “USB Host” LED is fixed green.**
- **Do NOT extract the USB key until “USB Host” LED is fixed green.**

When “USB Host” LED is fixed green, you must extract the USB key to restart PLC.

1st case: PLC restarts normally

2nd case: **PLC restarts with no LEDs**; user should perform a second FW update with same USB key.

During this second firmware update, LEDs can be OFF for some minutes, user should not power off PLC until “USB Host” LED is fixed green.

Remarks:

1. The clone function is similar to firmware update.
2. It is not possible to directly install firmware v2.0.31.15 on M258 if the M258 current firmware is at least v2.0.31.30 or v4.0.2.8. User should first update the M258 firmware using v2.0.31.X (X between 16 and 27).