

MM300 Platform

MM300 Enhanced Motor Management System Release Notes

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Summary

GE Grid Solutions releases firmware version 2.11 for the MM300 Enhanced Motor Management System. This firmware is specific to the MM300 Enhanced product and does not affect other devices within this platform.

When using firmware version 2.11, EnerVista Flex 1.10 or above must be used.

Highlights of this release include:

2.10 Firmware Version

MM300 Enhanced Motor Protection System

- Graphical Control Panel LEDs colors are now configurable
- Added new Logical Nodes to IEC 61850
- Added Forward and Reverse limit elements to FlexLogic PSL
- Added new operands to Any Alarm
- Fixed issue related to Virtual Outputs signals MCC permissive element
- Fixed issue related to Process interlock not behaving as expected
- Fixed issue related to UnderCurrent element not behaving as expected
- Fixed issue related to Thermal protection element information visualization

2.11 Firmware Version

MM300 Enhanced Motor Protection System

- Fixed issue related to Auto/Manual setting not being saved after reboot

New MM300 Enhanced Motor Management System firmware can be downloaded from the link below:

[MM300 Motor Management System - Software \(gegridsolutions.com\)](https://www.gegridsolutions.com/MM300_Motor_Management_System_-_Software)

Please contact your local GE sales representative or Customer Service Department (CST) for any questions.

Release Details

In the following release descriptions, a revision category letter is placed to the left of the description. Refer to the Appendix at the end of this document for additional details.

Multilin MM300 Enhanced Platform - Firmware Version 2.10 Release Details

Enhanced Motor Management System

E Graphical Control Panel enhancements

- Configurable LED colors
- Text corrections in Summary screen
- Target screen fix for Alarm messages

E Added new Logical Nodes to IEC 61850

- Motor Running Hours
- Number of Motor Starts
- Analog values read by RTD
- CURRENT METERING – MOTOR LOAD
- Internal Temperature Alarm
- Thermistor analog signal
- Transfer time analog signal

E Added Forward and Reverse limit elements to FlexLogic PSL

- Forward and Reverse limit elements are now configurable in FlexLogic PSL

E Added new operands to Any Alarm element

- Process Interlock Int Alarm
- Open/Short RTD Alarm

P Fixed issue related to Virtual Outputs signals MCC permissive element

- Added Virtual Outputs signals for MCC permissive function

P Fixed issue related to Process interlock not behaving as expected

- Fixed Process Interlock element to block the device start when set as Stop

P Fixed issue related to UnderCurrent protection element not behaving as expected

- Fixed UnderCurrent element latched functionality

P Fixed issue related to Thermal protection element information visualization

- Fixed Thermal protection element Time to trip information visualization in EnerVista Flex and Graphical Control Panel

Multilin MM300 Enhanced Platform - Firmware Version 2.11 Release Details

Enhanced Motor Management System

P Fixed issue related to Auto/Manual setting not being saved after reboot

- Fixed Auto/Manual selection so that whatever setting the device is on before rebooting will be there after rebooting as well.

Appendix

Change Categories

This document uses the following categories to classify the changes.

Table 1: Revision Categories

Code	Category	Comments
N	New feature	A separate feature added to the relay. Changes to existing features even if they significantly expand the functionality are not in this category
G	Change	A neutral change that does not bring any new value and is not correcting any known problem
E	Enhancement	Modification of an existing feature bringing extra value to the application
D	Changed, incomplete or false faceplate indications	Changes to, or problems with text messages, LEDs and user pushbuttons
R	Changed, incomplete or false relay records	Changes to, or problems with relay records (oscillography, demand, fault reports, etc.)
C	Protocols and communications	Changes to, or problems with protocols or communication features
M	Metering	Metering out of specification or other metering problems
P	Protection out of specification	Protection operates correctly but does not meet published specifications (example: delayed trip)
U	Unavailability of protection	Protection not available in a self-demonstrating way so that corrective actions could be taken immediately
H	Hidden failure to trip	Protection may not operate when it should
F	False trip	Protection may operate when it should not
B	Unexpected restart	Relay restarts unexpectedly

The revision category letter is placed to the left of the change description.

For Further Assistance

For product support, contact the information and call center as follows:

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