

# EnerVista MM300 Setup Software

## Revision 1.30 Release Notes

GE Publication Number: GER-4150

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## Overview

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### Summary

GE Multilin releases EnerVista MM300/MM200 Set-up Software version 1.30 that introduces enhancements to the MM300 set-up program. Highlights of this release include:

- Waveform Capture
- Data Logger
- Release February 15, 2008

Upgrading from a previous version of the MM300/MM200 Setup software to the new 1.30 release can be done via EnerVista Launchpad or downloaded directly at:

<http://www.geindustrial.com/multilin/software/mm300.htm>

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

In the following enhancement descriptions, a revision category letter is placed to the left of the description. Refer to the Appendix at the end of this document for a description of the categories displayed.

## Enhancements

N

### Waveform Capture

The EnerVista MM300 Set-up program has been enhanced to include waveform capture. The MM300 can be used to capture waveforms (or view trace memory) at the instance of a trip, activation of a virtual output, or other conditions. A maximum of 64 cycles (32 samples per cycle) can be captured and the trigger point can be adjusted to anywhere within the set of cycles.

The following waveforms can be captured:

- Phase A, B and C currents ( $I_a$ ,  $I_b$  and  $I_c$ )
- Ground Current ( $I_g$ )
- Phase A-N, B-N and C-N voltages ( $V_{an}$ ,  $V_{bn}$  and  $V_{cn}$ ) is Wye connected
- Phase A-B, B-C and C-A ( $V_{ab}$ ,  $V_{bc}$  and  $V_{ca}$ ) if Delta connected

N

### Data Logger

The MM300 EnerVista Set-up software has been enhanced to include a data logger, which is used to sample and record up to ten (10) actual values at a selectable interval. The Data Logger can be enable to operate in Continuous mode which will continuously record samples until stopped by the user; or with Continuous mode disabled, which will trigger the datalog once without overwriting previous data.

## 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.

## GE Multilin technical support

GE Multilin contact information and call center for product support is shown below:

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