GE
Grid Solutions

Multilin 650 Family

Firmware v8.20, Software v8.20

Release Notes

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Summary

GE Grid Solutions issues the Multilin 650 Family Firmware version 8.20 and EnerVista 650 Setup software 8.20. The firmware is specific to R650 Family products and does not affect other devices.

The 8.20 firmware and 8.20 software version release for the 650 platform introduces software and firmware improvements that only affect R650 devices. When using firmware version 8.20, EnerVista 650 setup 8.20 or above must be used.

Highlights of this release include:

8.20 Firmware Version
Introduced DNP Timeout setting
- A new setting has been added to configure the DNP Timeout

8.20 EnerVista 650 Setup software
- Compatibility with R650 8.20 Firmware version

This document contains the release note for firmware version 8.20 for the Multilin 650 Family of products.
- Affected products: R650
- Firmware Release Date: June 21, 2021
- EnerVista Setup Release Date: July 14, 2021

New 650 firmware and EnerVista Setup software can be downloaded from the links below, based on device type.

R650: https://www.gegridsolutions.com/app/viewfiles.aspx?prod=r650&type=7

NOTE

For existing R650 devices installed with firmware version below 8.20, if the new features and enhancements are not needed, no upgrade of the relays is required.

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

Release Details

In the change descriptions below, 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 650 Family - Firmware version 8.20 Release Details

Recloser controller Relay R650

E   **Introduced DNP Timeout Setting**

Introduced "DNP Timeout" setting making DNP time out configurable, which used to be hardcoded to 2 minutes on prior firmware versions. DNP communication Timeout can now be configured between 1 and 100 minutes. EnerVista 650 Setup - Software version 8.20 Release Details.

G   **Compatibility implemented with Firmware 8.20 version**

Updated database and configuration files to ensure correct compatibility with 8.20 Firmware version.

Upgrade Path

Firmware Compatibility

The released firmware version 8.20 requires EnerVista 650 Setup software version 8.20 or higher. GE suggests using the latest version of the software.

EnerVista 650 Setup software can convert settings files from an older version to the latest version. It also provides a tool to compare settings files from different versions, generating a Difference Report. This Difference Report identifies new settings and additional information to assist the user during the upgrade process.

Software Compatibility

The minimum operative system requirements for the EnerVista 650 Setup software are as follows:

- Windows® XP with Service Pack 2 (Service Pack 3 recommended)
- Windows 7
- Windows 8

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

For further assistance

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

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