GE VERNOVA

Multilin 650 Series Protection and Control Relay Platform

C650 and F650 Series Firmware and Software Version 9.20

Release Notes

Summary

GE Vernova releases the 650 Series Firmware and Setup Software Version 9.20 for the Multilin 650 Series Protection Relays.

C650 and F650 Series Firmware and Software Version 9.20

Release Date: Dec 1, 2025

- GE Vernova releases the Multilin 650 Family Firmware and EnerVista 650 Setup software version 9.20. The firmware and Setup Software is specific to 650 Series products and does not affect other devices.
- The firmware and Software version 9.20 release for the 650 platform introduces firmware and software improvements that only affect C650 and F650 devices. When using firmware version 9.20, EnerVista 650 setup 9.20 or above must be used
- Upgrade the firmware to version 9.20 by downloading the file directly from GE Vernova website:
  https://www.gevernova.com/grid-solutions/resources?prod=c650&type=7&node_id=4548
  https://www.gevernova.com/grid-solutions/resources?prod=f650&type=7&node_id=4482
- The latest 650 Setup Software v9.20 is available at the same location. The software supports Windows 7, 8, 10 and 11.

  > **NOTE** For existing 650 devices operating on firmware versions earlier than 7.0x, no relay upgrade is required if the new features and enhancements are not needed. However, to benefit from the enhancements described in this release, new relays will be required.

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

Table of Contents

1 Firmware v9.20

1.1 Waveform Retrieval via TFTP

Category: R

Products: F650, C650

Impacted firmware: 7.xx, 8.xx, 9.10, 9.11

Corrected firmware: 9.20

Workaround: N/A

Description: The DIR.TXT file is now available in 650 products. This file was previously available in version 5.x.

1.2 Firmware and Software HMI Rebranded as GE Vernova

Category: G

Products: F650, C650

Impacted firmware: NA

Corrected firmware: 9.20

Workaround: NA

Description: 650 products rebranded to GE VERNOVA

1.3 HSR Error counter

Category: C

Products: F650, C650

Impacted firmware: 7.xx, 8.xx, 9.10, 9.11

Corrected firmware: 9.20

Workaround: NA

Description: Resolved the High-Availability Seamless Redundancy (HSR) protocol error counter, which displayed errors even when no communication traffic was present.

1.4   Synchrocheck Voltage difference units

Category: M

Products: F650, C650

Impacted firmware: 7.xx, 8.xx, 9.10, 9.11

Corrected firmware: 9.20

Workaround: NA

Description: Corrected Synchrocheck voltage difference unit from kV to V.

1.5   IEC61850 reconnection in PRP network

Category: C

Products: F650, C650

Impacted firmware: 7.xx, 8.xx, 9.10, 9.11

Corrected firmware: 9.20

Workaround: NA

Description: Corrected a reconnection issue with IEC61850 protocol when connected to a PRP network. If both LAN A and LAN B connections were dropped simultaneously, the product using older firmware, was unable to re-establish communications.