



# Firmware/Software Release Note

Date: **March 2025**

Distribution: **Public**

Reference: **GER-4995**

## **Multilin Agile \* Firmware** **Software Version 08C - March 2025**

### **Notable Quality Improvements**

- Fixed an issue that made the device reboot when sending a configuration that took too long to load.

### **Hardware Compatibility**

- Design Suffix "E".

### **Configuration Management Tool Compatibility**

- Compatible with D&I EnerVista Setup v4.15 and newer.

### **Upgrade Procedure**

- Follow the process outlined in the instruction manual.

### **Upgrade Impact**

- Firmware v08C compatible with v08B, v06B, v06A, v05C, v05B, v05A.
- When updating the firmware, files are overwritten, and all settings could be lost.
- Always save all data before upgrading.
- Configuration of the CID file is required to be created or converted from the previous version using:
  - D&I EnerVista Setup v4.15 or newer.



# Software Version 08B - August 2024

## Key New Features

### Platform

- Advanced cybersecurity options complying with NERC-CIP/IEC 62351 standards.
- 61850-control authority feature - OrCAT- Local/remote control feature (described in IEC 61850 7-4: Annex B).
- Trip Bus supervision functionality included.

### P14D, P14N, P94V- Compact Feeder Protection and Bay Controller

- Added support for HIF downed conductor function.

### P24D/N- Motor Protection Series

- Support new ordering code options for Motor protection and control.

## Other New Features

### Platform

- Support of new languages: German and Polish.
- Increased number of Virtual outputs supported up to 256.
- Increased number of Virtual Inputs supported up to 256.
- Increased number of Timers up to 64.
- Increased number of Flexelements up to 16.

### Feeder

- New Binary Input/Output options supporting ring terminals: Cortec digit - 8, new options - P or R.

## Notable Quality Improvements

- Fixed an issue that caused Pos Seq UV 1 and Pos Seq UV 2 texts to be displayed incorrectly in drop-down lists.
- Fixed an issue that prevented Eth 1 link status error alarm from being reset when Eth 1 was enabled.
- Fixed an issue that prevented IN calculation being done properly when no current flowing through phase A.
- Fixed issue that caused Breaker Failure operation and re-trip indication from being unavailable in Last Trip or HMI.
- Fixed issue that caused some texts (Switchgear references and Current summary) in EnerVista D&I Setup/HMI from not displaying properly.
- Fixed issue that caused Breaker status operand - CB Not configured - from being unavailable in the Target messages and Flex Operand list.
- Fixed issue that caused Min Power Demand miscalculation when device is Powered Off, and also Min Power Demand calculation is not blocked when injection  $< 0.02xCT$ .

- Fixed issue that prevented Default Screens\Display Time setting from displaying in 20TE.
- Fixed issue that caused SEF IOC drop out at 0,5xCT not happening in defined range.
- Fixed issue that caused PTOC to operate incorrectly when using User Curve configured as FR ST Inverse.

## **Hardware Compatibility**

- Design Suffix “E”.

## **Configuration Management Tool Compatibility**

- Compatible with D&I EnerVista Setup v4.15 and newer.

## **Upgrade Procedure**

- Follow the process outlined in the Instruction Manual.

## **Upgrade Impact**

- Firmware v08B compatible with v06B, v06A, v05C, v05B, v05A.
- When updating the firmware, files are overwritten, and all settings could be lost.
- Always save all data before upgrading.
- Configuration of the CID file is required to be created or converted from the previous version using:
  - D&I EnerVista Setup v4.15 or newer.

# Software Version 06B - May 2024

## Notable Quality Improvements

- Fixed an issue that prevented the CT Supervision feature from operating properly in non-VT models.
- Fixed an issue that prevented Directionality from calculating properly in Sensitive Ground models when multiple instances are being used simultaneously.
- Fixed an issue that prevented Phase Over Voltage protection from properly applying time delay, when operated for a second time.

## Hardware Compatibility

- Design Suffix “E”.

## Configuration Management Tool Compatibility

- Compatible with D&I EnerVista Setup v4.12 and newer.

## Upgrade Procedure

- Follow the process outlined in the Instruction Manual.

## Upgrade Impact

- Firmware v06B compatible with v06A, v05C, v05B and v05A.
- When updating the firmware, files are overwritten, and all settings could be lost.
- Always save all data before upgrading.
- Configuration of the CID file is required to be created or converted from the previous version using:
  - D&I EnerVista Setup v4.12 or newer.

# Software Version 06A - February 2024

## Key New Features

- Added support for Moving Average Voltage Protection for Phase Overvoltage.

## Other New Features

- Added Volt/Hertz feature in P94VB model.
- Added Minimum Time setting for ANSI 51 elements.
- Added Reactive and Apparent Power Demand Metering to IEC 61850 MMTR\_3 Logical Node.

## Notable Quality Improvements

- Fixed an issue that IEC 61850 communication stopped if no client data request sent for a long period.
- Fixed an issue that caused CB Arcing current to be calculated incorrectly.
- Fixed specific texts in English US language for VT inputs menu, and in Spanish language for Voltage Disturbance and Admittance Protection menus.
- Fixed an issue that caused CB Trip/Close command to be incorrectly executed after reboot.
- Fixed an issue in RS485 port settings that caused the device to operate incorrectly after sending CID settings.
- Removed Synch Check setting for UF Restoration element in P94VB models.
- Added missing Neutral OV1 PKP and OP flexoperands.
- Added missing Fault Locator elements in IEC 61850 Logical Node for P14DZ models.
- Added missing Ethernet Link Error flexoperands.
- Added missing Minimum Power Demand calculation.

## Hardware Compatibility

- Design Suffix "E".

## Configuration Management Tool Compatibility

- Compatible with D&I EnerVista Setup v4.12 and newer.

## Upgrade Procedure

- Follow the process outlined in the Instruction Manual.

## Upgrade Impact

- Firmware v06A compatible with v05C, v05B and v05A.
- When updating the firmware, files are overwritten, and all settings could be lost.
- Always save all data before upgrading.
- Configuration of the CID file is required to be created or converted from previous version using:
  - D&I EnerVista Setup v4.12 or newer.

# Software Version 05C - December 2023

## Key New Features

N/A

## Other New Features

N/A

## Notable Quality Improvements

- Fixed an issue that made devices with comms digit (digit 9 of the CORTEC) equal to “2” reboot constantly.
- Fixed an issue in the firmware upgrade that changed the device CORTEC into the default one after flashing.
- Fixed an issue in the HMI that made the status screen of the I/Os show an incorrect number of Input/Outputs, as well as incorrect board and pin names.

## Hardware Compatibility

- Design Suffix “E”.

## Configuration Management Tool Compatibility

- Compatible with EnerVista D&I version v4.10 and newer.

## Upgrade Procedure

- Follow the process outlined in the Instruction Manual.

## Upgrade Impact

- Firmware v05C compatible with v05B and v05A.
- When updating the firmware, files are overwritten, and all settings could be lost.
- Always save all data before upgrading.
- Configuration of the CID file is required to be created using D&I EnerVista Setup 4.10 or newer.

# Software Version 05B - November 2023

## Key New Features

N/A

## Other New Features

N/A

## Notable Quality Improvements

- Fixed an issue in the PSL that didn't properly load any of the Minor Error signals.
- Fixed an issue in the RS485 2nd port that stopped communicating properly after rebooting the device.
- Fixed an issue in PTP\_1588 due to which the RTC was not updating after a change in the PTP master clock's date/time.

## Hardware Compatibility

- Design Suffix "E".

## Configuration Management Tool Compatibility

- Compatible with EnerVista D&I version v4.10 and newer.

## Upgrade Procedure

- Follow the process outlined in the Instruction Manual.

## Upgrade Impact

- Firmware v05B compatible with v05A.
- When updating the firmware, files are overwritten, and all settings could be lost.
- Always save all data before upgrading.
- Configuration of the CID file is required to be created using D&I EnerVista Setup 4.10 or newer.



## For Further Assistance

For questions or further product support, please contact the GE Vernova support team using:

	E-mail	Telephone
Global Contact Centre	GA.support@gevernova.com	+44 1785 250070
Central, East Asia, Pacific	GA.supportCEAP@gevernova.com	+65 6749 0777
India	GA.supportIND@gevernova.com	No telephone line
Middle East, North Africa, Turkey	GA.supportMENAT@gevernova.com	+971 4 375 6950
Europe, Russia, CIS, Sub-Saharan Africa	GA.supportERCIS@gevernova.com	+34 94 4858854
North America	GA.supportNAM@gevernova.com	+1-877-605-6777 (Global toll-free) +1-800-547-8629 (NAM toll-free) +1-678-844-6777 (Direct)
Latin America	GA.supportLAM@gevernova.com	+55 48 2108 0300