GE VERNOVA

Multilin Agile Protection and Control Relay Platform

Multilin Agile Firmware Version 08D

Release Notes

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Summary

GE Vernova releases the Multilin Agile Firmware Version 08D for the Multilin Agile Protection & Control Relays.

Multilin Agile Firmware Version 08D

Release Date: September 12, 2025

- Firmware v08D is compatible with v08C, v08B, v06B, v06A, v05C, v05B, v05A.
- When updating the firmware, files are overwritten, and all settings could be lost.
- Always save the setpoint file 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
- The latest D&I EnerVista Setup software is available at the same location. The software supports Windows 7, 8.1, 10 and 11.

Note: Please contact your local Multilin sales representative or Multilin Customer Service Department for any questions regarding this upgrade.

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1 Firmware v08D

1.1 High PRP traffic

Section:	Communication
Impact to customer:	In networks with significant PRP traffic from multiple protection relays, a Multilin Agile device may experience an unexpected reboot
Products Affected:	Multilin Agile
What changed?	Modification in the driver file implemented a node message index check to ensure it will not go out of range and cause a processor to restart

1.2 FlexLogic Timers

Section:	Protection
Impact to customer:	In previous versions setting changes made to individual FlexLogic Timers do not take effect until relay was power cycled. This has now been corrected.
Products Affected:	Multilin Agile
What changed?	FlexLogic pickup and dropout settings corrected to take effect without the need to power cycle the relay.

1.3 Phase rotation ABC/ACB

Section:	Protection
Impact to customer:	In previous version Phase Rotation setting defaulted to ABC on power cycle when programmed for ACB.
Products Affected:	Multilin Agile
What changed?	Corrected Phase Rotation setting issue where the ACB rotation would only be used till a power cycle was executed. The setting would remain ACB, but internally relay used ABC rotation for calculations resulting in incorrect Sequence component measurements (Ex: Negative Sequence).

1.4 GOOSE Reception mapping to Remote Inputs

Section:	Communication
Impact to customer:	The mapping of GOOSE Reception into Remote Inputs was not sequential
Products Affected:	Multilin Agile
What changed?	Mapping has been corrected.

2 Firmware v08C

2.1 Relay freezes

Fixed an issue that caused 20TE models to freeze when a setting was changed through the front panel while the security bypass was activated.

2.2 Relay reboots

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

3 Firmware v08B

3.1 Cybersecurity

Advanced cybersecurity options complying with NERC-CIP/IEC 62351 standards supported.

3.2 IEC61850 Control Authority

IEC61850-control authority feature - OrCAT- Local/remote control feature (described in IEC 61850 7-4: Annex B).

3.3 Trip Bus Supervision

Support added for Trip Bus supervision functionality

3.4 HiZ – High Impendence

Support added for HiZ downed conductor function.

3.5 Motor Protection & Control

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

3.6 German and Polish.

German and Polish languages are now supported

3.7 Enhancements to FlexLogic

Enhancements to FlexLogic as follows,

- Number of Virtual Outputs increased from 128 to 256.
- Number of Virtual Inputs increased from 128 to 256.
- Number of FlexLogic Timers increased from 32 to 64.
- Number of FlexElements increased from 8 to 16.

3.8 Pos Seq UV 1 and Pos Seq UV 2

Fixed an issue that caused Pos Seq UV 1 and Pos Seq UV 2 texts to be displayed incorrectly in drop-down lists.

3.9 Ethernet 1 link alarm

Fixed an issue that prevented Eth 1 link status error alarm from being reset when Eth 1 was enabled.

3.10 Neutral Current

Resolved an issue that prevented the IN calculation from being performed correctly when no current was present in Phase A..

3.11 Breaker Failure

Resolved an issue that caused the Breaker Failure operation and re-trip indication to be unavailable in the Last Trip record and on the HMI.

3.12 Breaker Status

Resolved an issue that caused the breaker status operand 'CB Not Configured' to be unavailable in the Target Messages and FlexOperand list.

3.13 Power Demand

Resolved an issue that caused incorrect Minimum Power Demand calculations when the device was powered off, also addressed a condition where Minimum Power Demand calculation was not blocked when the injected current was less than 0.02 × CT.

3.14 Default Screens

Resolved issue that prevented Default Screens\Display Time setting from displaying in 20TE.

3.15 Sensitive Earth Fault

Resolved issue that caused SEF IOC to drop out at 0.5xCT outside the defined range.

3.16 Phase – Time over current

Resolved an issue that caused the PTOC element to operate incorrectly when a User Curve configured as FR ST Inverse was used

For Further Assistance

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

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