

## SR Family

# Multilin 745 Transformer Protection System

## Energvista Software Revision 5.24 Release Notes

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### Summary

GE Grid Solutions issues the Energvista 745 Setup software 5.24 release. Highlights of this release include:

- Ground CT input setting is not shown in the Compare Report for 2-winding transformer setting files.
- Compare Report shows IP Address value in standard format.
- Waveform time stamp mismatch with events file is resolved.
- Quick connect issue is resolved.
- Performance improvement while Reading/Writing settings file.
- Offline settings file folder path containing Screen Names has improved handling.
- Energvista 745 Setup software is supported on Windows 7, 8.1 and 10 (English OS)
  
- Release Date: **15th February 2018**

Upgrading from a previous version of the Energvista 745 Setup software to the new 5.24 version can be done via EnerVista Launchpad or downloaded directly at:

<http://www.gegridsolutions.com/app/ViewFiles.aspx?prod=745&type=7>

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## Release details

In the following change descriptions, 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.

### Enervista 745 Setup software 5.24

- E**      **Ground CT input setting is hidden in the Compare Report from 2-winding transformer setting files.**
  - When a 3-winding transformer setting file is converted to a 2-winding transformer setting file and compared with a different 2 winding transformer setting file, the Compare Report used to show the "Ground CT Input" parameter for the converted file. "Ground CT Input" should be available only for 3-winding transformer settings files. Now the Enervista 745 Setup Compare Report filters out the "Ground CT Input" setting when compared to another 2-winding transformer setting file.
  
- E**      **Compare Report IP Address is shown in IP address format.**
  - In Compare Report the "Ethernet IP Address", "Ethernet Subnet Mask", and "Ethernet Gateway Address" parameter values are now displayed in xxx.xxx.xxx.xxx format. Previously these were displayed as numerical values.
  
- E**      **Waveform time stamp mismatch with events file has been resolved.**
  - Waveform time stamps are now in synch with Event file time stamps.
  
- E**      **Quick connect issue is resolved.**
  - During Quick Connect, in the case of changes to the cable to other devices without refreshing Quick Connect, the Enervista 745 Setup software now displays a warning message.
  - Quick Connect is now shown in a separate node, to easily identify the Quick Connect device.
  
- E**      **Performance improvement while Reading/Writing settings files.**
  - The Enervista 745 Setup application now shows a progress bar while Reading/Writing settings files. Previously Enervista used to show "Not Responding" during lengthy actions such as Reading/Writing settings and events and waveform retrieval from the relay.
  
- E**      **Offline settings file folder path containing Screen Names have improved handling.**
  - Offline settings file folder paths containing screen names (**Example:** "Protection Summary", "Event Record", "Trending", "Factory Service", "Waveform Capture") are now handled properly, with Enervista 745 Setup opening the user-selected screen in offline mode.
  - The Offline Settings File window now show the setup icon at the bottom left of the screen. Previously this window showed a grey icon.

- Enervista 745 Setup now displays a message when the application is opened and the user deletes any offline settings files (used by application) from the hard disk.

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

## 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

The revision category letter is placed to the left of the change description.

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## For further assistance

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

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