

EnerVista 745 Setup Software

Version 5.11 Release Notes

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Overview

Summary

GE Multilin releases EnerVista 745 Setup software version 5.11. Highlights of this release include:

- Support for Windows Vista Environment
- Enhanced Customer Feedback
- Converting setting files from 745 PC Program prior to version 3.00 to 745 Setup Program post 3.00
- Phase-to-Phase Voltage and Rated Load Settings Printout
- Neutral TOC Setting
- Released December 5, 2007

Upgrading from a previous version of the 745 Setup software to the new 5.11 release is free, and can be done via EnerVista Launchpad or downloaded directly at:

<http://www.geindustrial.com/multilin/software/745.htm>

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

In the following enhancement descriptions, a revision category letter is placed to the left of the description. Refer to the Appendix at the end of this document for a description of the categories displayed.

Enhancements

N

Windows Vista Operating Environment

EnerVista 745 version 5.11 Set-up software is compatible to operate in the Windows Vista operating environment. In addition to supporting Windows Vista, version 5.11 set-up software also supports Windows XP and Windows 2000.

N

Enhanced Customer Feedback

When submitting customer feedback information the EnerVista software program has been enhanced to capture all relevant data from the PC program, the 745 relay and the connected computer. This enhanced feature can be found in the Main menu under the Help heading.

By including this additional functionality to the 745 Setup software this allows GE Multilin's technical support staff to efficiently assist with customer requirements.

E

Converting setting files from 745 PC Program prior to version 3.00 to 745 Setup Program post 3.00

In versions prior to 5.11, when attempting to convert setting files from versions prior to 3.00 of the 745 PC Program, the Setup program would not load the file if a common (',') was in the description field.

In release 5.11, the 745 EnerVista setup program has been improved to load setting files from versions prior to 3.00 with commas (',') in the description field by replacing any commas (',') with dashes ('-').

E

Phase-to-Phase Voltage and Rated Load Settings Printout

Prior to release 5.11, Phase-to-Phase Voltage and Rated Load printout would incorrectly displace the decimal point by a value of ten times the values stored in the relay.

i.e, Phase-to-Phase voltage in the relay would indicate the correct value of 69kV, however the printout of the settings files would indicate a value of 690kV.

Prior to this release, values stored in the relay were the correct values and not the settings file printout.

F

Neutral TOC Setting

Prior to release 5.11, the W1 Neutral Time OC setting would always maintain an enabled setting, irrespective of programmed parameters. If the W1 Neutral Time OC default values are modified, there may be a potential of nuisance tripping.

With the release of version 5.11 the W1 Neutral Time OC can now be enabled and disabled based on the protection scheme requirements.

Upgrade paths

Customers are able to upgrade their version of 745 Setup software to the new 5.11 release for free.

This can be done either via EnerVista Launchpad or by direct download from the following site:

<http://www.geindustrial.com/multilin/software/745.htm>

If using EnerVista Launchpad, follow these steps:

1. Open EnerVista Launchpad
2. Click "IED Setup"
3. Click "Check Updates". Note: this will check for updates to all of the IED setup software shown.
4. Select the 745 version 5.11 upgrade for download.

Please contact your local GE Multilin sales representative or GE 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.

GE Multilin technical support

GE Multilin contact information and call center for product support is shown below:

GE Multilin
215 Anderson Avenue
Markham, Ontario
Canada L6E 1B3

Telephone: 905-294-6222 or 1-800-547-8629 (North America), +34 94 485 88 00 (Europe)

Fax: 905-201-2098 (North America), +34 94 485 88 45 (Europe)

E-mail: multilin.tech@ge.com

Home Page: <http://www.GEmultilin.com>