

EnerVista Viewpoint Engineer

Revision 3.10 Release Notes

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Overview

Summary

GE Multilin issues the EnerVista Viewpoint Engineer 3.10 release. Highlights of this release include:

- New! IEC61850 Substation Designer
- Enhanced locking of settings file templates
- Supports for UR firmware 5.40
- Support for Windows Vista
- Released November 13, 2007

Release details

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

IEC61850 Substation Designer

The EnerVista Viewpoint Engineer software version 3.10 includes the new Substation Designer Option. The Substation Designer is an easy to use IEC 61850 configurator, allowing the import of ICD files from multiple vendors devices. The Substation Designer can be used to display the ICD file information, configure transmission and reception GOOSE messages, as well as create SCD files for any IEC61850 devices.

E

Enhanced Locking of Settings File Templates

The Settings File Template functionality of EnerVista Viewpoint Engineer has been enhanced to allow more security of locked files. FlexLogic parameters in a locked template can now contain hidden fields, viewable only when the correct password is entered. The locking has also been enhanced to ensure that the settings remain locked and hidden when stored to UR relays with firmware versions 5.40 or higher. When using the Logic Designer or Logic Monitoring functions of Viewpoint Engineer, the template password must be entered in order to view or edit the FlexLogic.

E

Support for UR Firmware 5.40

EnerVista Viewpoint Engineer revision 3.10 now supports the UR firmware version 5.40.

E

Enhanced Logic Designer Elements

The Logic Designer has been enhanced to simplify the creation of both protection and communication Logic. Logic Symbols have been added for UR Tip Bus, Direct Inputs, Teleprotection Inputs, and Remote Inputs.

E

Enhanced Logic Printing

The Print function of EnerVista Viewpoint now allows the printing of notes inserted into the logic designer. Preferences are available to print the notes either at the end of each worksheet, or merged into a single notes document attached to the end of the document.

E

Exporting of Connectivity Reports

EnerVista Viewpoint Engineer now supports exporting of the System Designer Connectivity reports to Microsoft Excel spreadsheets.

Upgrade paths

Customers are able to upgrade their version on Viewpoint Engineer to take advantage of the latest developments and feature enhancements. Following the upgrade path below that fits your scenario will allow for upgrading the software on your computer.

Currently have EnerVista Viewpoint Engineer installed on a computer that **DOES NOT** have Internet access

In order to upgrade to the latest version of EnerVista Viewpoint Engineer, you must be within your upgrade period, or purchase an upgrade package.

Install the new 3.10 version of EnerVista Viewpoint Engineer and copy the following information that is posted on your screen once the installation is complete: **Old MID Code, Old SITE Code, New MID Code, New Site Code.**

On a computer that is connected to the Internet, access the GE Multilin License Manager at the following link:

<http://pm.geindustrial.com/SWMgr/evpcustomerlogin.asp>

In the bottom section of the screen that is labeled "Upgrade Software", enter the **OLD MID** and **OLD Site** codes that were provided earlier. When completed, press the **Login** button.

Upgrade Software (Note: Enter the MID and Site Code of **old software**):



MID

Site Code

[What is my MID and Site Code?](#)

LOGIN **CLEAR**

Once logged in, select the **Check Upgrades** button. This will provide a list of all software licenses that have upgrades available. Select the **Upgrade** button located beside the EnerVista Viewpoint Engineer license.

You will again be asked to enter in the MID and SITE code from your computer. Entering this information will generate a new unlock code.

Go back to the computer that has the new 3.10 version of EnerVista Viewpoint Engineer installed on it and enter in the Unlock Code in the field that is provided. Press the **Unlock** button to proceed with using the new version of Viewpoint Monitoring.

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

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