Features of Viewpoint Maintenance 2.10

<u>What's New</u>

Viewpoint Maintenance 2.10 now offers Fault Diagnostic, Security Report and Status Report for the following products:
- GE Multilin 369 Motor Management Relay
- GE Multilin PQMII Power Quality Meter

Viewpoint Maintenance 2.10 supports the latest revision of SR745 firmware, offering an enhanced Security Audit Trail. Settings and firmware changes will be recorded by the relay, and included in the Viewpoint Maintenance Security Report.

Also new in Viewpoint Maintenance 2.10 is an enhanced SR750 / SR760 Status Report, including all settings for the following protection elements:
- Logic Inputs
- User Input
- Contact Outputs
- Phase / Ground / Neutral / Negative Sequence IOC and TOC
- BUS and LINE over/under voltage
- Frequency protection
- Breaker failure
- Synchrocheck

Viewpoint Maintenance 2.10 extends supported firmware to the following:
- 469 now supporting up to firmware version 5.00
- 489 now supporting up to firmware version 4.00
- 745 now supporting up to firmware version 5.00
- 750 now supporting up to firmware version 7.00
- 760 now supporting up to firmware version 7.00

For the full list of Viewpoint Maintenance supported devices, see page 3

Settings Security Report

The Security Audit Trail feature automatically tracks the details of settings and firmware changes to your relays. This traceability helps map out where a problem may have occurred and will help improve future maintenance procedures.

Security Report Includes:
- Date and Time of hardware, firmware or settings changes made to your devices
- Logging of the MAC address of computers and users making settings changes
- Track method of how settings changes were made (i.e. Keypad, Serial Port, Ethernet)*
- Printer-friendly option to view hard copy reports
- Filter by date to identify changes to settings over time
- Ability to identify the name of settings files for accurate identification*

*Available for the UR Platform v4.60 and above and SR745 v5.00 and above

Device Status Report

Reduce the time required to perform maintenance on your device by generating a report that indicates the health and operating status of your relays, meters, and the power system being monitored.

Status Report Includes:
- Current operating condition of your GE Multilin devices
- Current operating condition of the equipment being monitored and protected
- Critical devices settings that have not been programmed
- Operating history of the monitored devices
- Maintenance issues that need to be addressed
- LED simulated view of equipment targets and alarms

Simple Fault Diagnostics

Reduce the time required to collect data for troubleshooting a fault with Viewpoint Maintenance. A single click of the mouse will gather all required information from the relay, including pertinent Settings, Oscillography, and Event files, fault reports, data logger and health reports.

Fault Diagnostic Features:
- Effortlessly collect the data required to diagnose a fault
- Automatically package all information into a single .ZIP file for easy sharing
- Eliminate costly hours of maintenance with a single click of a mouse
- Reduce the amount of time required to troubleshoot a fault, and get your system back up and running

Devices Supported - Summary

Multilin Industrial IED's	Multilin UR Family IED's
369	B30
469	C30
489	C60
745	D30
750/760	D60
PQMII	F35
	F60
	G30
	G60
	L60
	L90
	M60
	N60
	T35
	T60

Note: C30, N60 are not supported in Status Report.

Supported Firmware Versions

IED Product	Versions Supported
369	1.6x to 2.5x
469	2.5x to 5.0x
489	1.3x to 4.0x
745	2.4x to 5.0x
750/760	3.6x to 7.0x
PQMII	2.0x to 2.2x
B30	2.6x to 5.0x
C30	2.6x to 5.0x
C60	2.6x to 5.0x
D30	3.0x to 5.0x
D60	2.6x to 5.0x
F35	2.6x to 5.0x
F60	2.6x to 5.0x
G30	4.4x to 5.0x
G60	2.6x to 5.0x
L60	2.6x to 5.0x
L90	2.6x to 5.0x
M60	2.6x to 5.0x
N60	3.4x to 5.0x
T35	2.6x to 5.0x
T60	2.6x to 5.0x

Technical note
1. When retrieving Data Logger files, using UR firmware 480, select "All" option, because UR firmware does not support "From" , "To" for the data logger in that version.
2. When using modem communication to a 369 device, use 9600 baud rate.
3. For PQMII on Fault Diagnostic – when 'Event Records' option is selected also the Voltage Disturbance Recorder files will be retrieved. Similar when the option 'Oscillography' is selected the Trace Memory files are retrieved.

Installation of Viewpoint Maintenance

To install EnerVista Viewpoint Maintenance, open the file named "EVVPMaintenance210.exe"

For more information on this product, visit
http://www.geindustrial.com/multilin/enervista/viewpoint/maintenance.htm or contact us:

Sales:
EnerVista@ge.com

Technical Support:
In North America (toll free): 1-800-547-8629 (select option #2)
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System Requirements

- 1 GHz processor (2 GHz processor recommended)
- 256 Mb Ram (512 Mb recommended)
- Video card capable of displaying 16-bit, 1024x768 (1280 x 1024 recommended)
- 700 Mb available space on system drive, 450 Mb available space on installation drive
- Internet Explorer 5.5 with Service Pack 1 or greater
- Windows NT 4.0 (Service Pack 6a), Windows 2000, Windows XP