

Enervista Integrator

Revision 6.30 Release Notes

GE Publication Number: GER-4366

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Overview

Summary

GE Multilin issues the Enervista Integrator 6.30 release that introduces the following features and enhancements:

- Support for new device types
- Support for new firmware versions of existing device types
- PMU Data Retrieval
- OPC DA version 3.00 support
- Backup and Restore of configurations made in Integrator
- Ability to run Integrator as a Windows Service
- Released February 24, 2010

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

Support for new device types

Enervista Integrator has been enhanced to support the following devices:

Device	Device Type	Version
Entellisys LVS	ELVS400	4.00
Entelliguard Trip unit	GTU	7.0x
EPM9800	EPM9800	6.1x
SR350 Feeder Management Relay	SR350	1.2x
B90 - Universal Relay	B90	4.8x to 5.7x

Support for new firmware versions of existing device types

Enervista Integrator has been enhanced to extend support for the newest firmware versions of the UR family, as well as the MM200 and MM300 relays.

Device	New Firmware Version Supported
Universal Relay (UR) Family	5.7x
MM200 Motor Management Relay	1.2x
MM300 Motor Management Relay	1.4x

N

PMU Data Retrieval

PMU Data retrieval is supported for UR devices from version 5.2x to 5.7x in COMTRADE format.

E

OPC-DA version 3.00 support

Enervista Integrator's OPC server is now compliant to OPC DA version 3.00. Waveform and Event Server applications can now communicate to GE32MTCP and GE32MODB servers on the OPC Interface. The Waveform client now communicates to the Waveform Server using COM as the default interface.

N

Backup and Restore of configurations made in Integrator

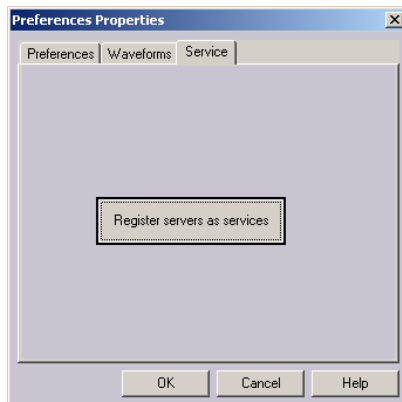
Users can now back up all configurations created in Integrator and store these backups on the PC's local hard disk. These backed-up configurations can be imported into Integrator system by using the Restore option.

N

Ability to run Integrator as a Windows Service

Enervista Integrator's Servers (GE32MODB, GE32MTCP, Waveform Server, and Event Server) can now be run as Windows Services, which allows the servers to boot upon Windows start. This allows users have the Intergrator Servers run automatically instead of requiring users to log into the computer and launch the Integrator application.

Users can register the servers as services by selecting the Register servers as services from the services page in the Preferences window from Configurator Application. With a single click on "Register Servers" as services button, all the servers (GE32MODB, GE32MTCP, Waveform Server, and Event Server) will be converted into services and launched automatically with the existing configuration. An example of the "Register Services" button is below:



Users can also unregister the Servers from Service mode to normal mode. This can be done in the same way as above by clicking on the "Unregister Servers" button which appears in place of the "Register Services" button when the Integrator is running as a service.

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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