GE Digital Energy

DDFR Distributed Digital Fault Recorder
Revision 3.00 release notes

GE Publication Number: GER-4306

Overview

Summary

GE Multilin releases the 3.00 firmware version for DDFR Distributed Digital Fault Recorder. Highlights of this release include:

- Additional 10/100baseT Ethernet port to provide access to the retrieved IED files.
- Definable Modbus poll rate for Events and Waveforms.
- IP reset to default values option available through a pussbutton.
- Suppor for the latest revision of product F/W versions.

This document contains the release notes for the 3.00 release of the DDFR Distributed Digital Fault Recorder

- Affected product: DDFR Distributed Digital Fault Recorder
- Date of release: September 24th , 2008
- Firmware revision: 3.00

Description

The version 3.00 release is compatible with the EnerVista DDFRPC Setup software and Enervista DDFRArchiver versions 3.00 and higher.

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 a description of the categories displayed.

Enhancements

N **New 10/100 Ethernet port**

New Ethernet port has been added to DDFR Distributed Digital Fault Recorder with the purpose of providing access to the retrieved IED files, for instances, events.

N **Modbus poll rate**

The Modbus poll rate feature has been added to DDFR Distributed Digital Fault Recorder with the purpose of allowing the user to change it and to reduce Network loading

N **IP reset option**

The IP reset button has been added to DDFR Distributed Digital Fault Recorder with the purpose of allowing the user to reset the IP to default settings without requiring the unit be returned to factory.

E **Support for the latest revisions of product F/W versions**

The latest revisions of product F/W versions have been included on DDFR Distributed Digital Fault Recorder new version.

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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 programmable buttons.
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 specifications or other metering problems
P	Protection out of specifications	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@indsys.ge.com
Home Page: http://www.GEindustrial.com/multilin