

Date: September 18, 2015 **Classification:** GE Information

Release Notification of P30 Phasor Data Concentrator – Synchrophasor Processor Card Firmware Version 2.02

The GE series of Multilin P30 Phasor Data Concentrators (PDCs) and Phasor Measurement Unit (PMU) devices leverage the latest advances in synchrophasor and computing technologies available for the power industry to enable synchrophasor based wide area monitoring applications.

NOTICE

P30 Phasor Data Concentrator – Synchrophasor Processor card firmware version 2.02 is now available for ordering.

P30 Phasor Data Concentrator – Synchrophasor Processor Card Firmware v2.02 Enhancement

A key enhancement in synchrophasor data management, introduced in version 2.02 includes:

- A new Communications Event “Input Buffer Overflow” has been added. This event is generated when the concentrator is not able to process all input IEC TR 61850-90-5 samples. For detailed description of the event please refer to the reference manual.

P30 Phasor Data Concentrator – Synchrophasor Processor Card Firmware v2.02 Resolved Issues

- Addressed problem when Ethernet cable is disconnected from the P30 and re-connected, the static routes will be lost until a reboot of the P30. With the v2.02 release, static routes will be restored when Ethernet cable is re-connected.
- Addressed problem when an IEC TR 61850-90-5 output is attached to an interface that is disconnected, multiple 90-5 “Server State” On/Off events are generated every 8 milliseconds. With the v2.02 release, only one event will be generated.
- Addressed problem when the P30 is started without an IRIG-B connection, the date is always set to January 1st (the year is updated). With the v2.02 release, it shows the correct date.
- Addressed problem when an IEC C37.118 client retrieves the configuration from a C37 configuration output (created automatically for each 90-5 output), the “Server Status” event is generated. With the v2.02 release, this event will not be generated

Firmware Compatibility

The 2.02 firmware release requires EnerVista P30 Setup software version 2.02 or higher. GE suggests use of the latest available version of the software.

View the latest version of the P30 Phasor Data Concentrator Reference Manual and additional information on P30 phasor data concentrator at the GE Digital Energy website:

<http://www.gedigitalenergy.com/multilin/catalog/p30.htm>



imagination at work

Product Support

If you need help with any aspect of your GE Digital Energy product, you can:

- Access the GE Digital Energy Web site
- Contact GE Digital Energy Technical Support

GE Digital Energy Web Site

The GE Digital Energy Web site provides fast access to technical information, such as manuals, release notes and knowledge base topics.

Visit us on the Web at: <http://www.gedigitalenergy.com/>

Contact GE Digital Energy Technical Support

GE Digital Energy Technical Support is open 24 hours a day, seven days a week for you to talk directly to a GE representative.

In the U.S. and Canada, call toll-free: 1 800 547 8629.

International customers call: +1 905 927 7070

Or send an e-mail to: multilin.tech@ge.com

Copyright Notice

© 2015, General Electric Company. All rights reserved.

The information contained in this online publication is the exclusive property of General Electric Company, except as otherwise indicated. You may view, copy and print documents and graphics incorporated in this online publication (the "Documents") subject to the following: (1) the Documents may be used solely for personal, informational, non-commercial purposes; (2) the Documents may not be modified or altered in any way; and (3) General Electric Company withholds permission for making the Documents or any portion thereof accessible via the internet. Except as expressly provided herein, you may not use, copy, print, display, reproduce, publish, license, post, transmit or distribute the Documents in whole or in part without the prior written permission of General Electric Company. If applicable, any use, modification, reproduction, release, performance, display, or disclosure of the Software Product and Associated Material by the U.S. Government shall be governed solely by the terms of the License Agreement and shall be prohibited except to the extent expressly permitted by the terms of the License Agreement.

The information contained in this online publication is subject to change without notice. The software described in this online publication is supplied under license and may be used or copied only in accordance with the terms of such license.

Trademark Notice

GE and the GE monogram are trademarks and service marks of General Electric Company.

* Trademarks of General Electric Company. Other company or product names mentioned in this document may be trademarks or registered trademarks of their respective companies.

Document Revision History

Version	Revision	Date	Author	Change Description
1.00	0	16-Oct-2014	F. Munoz	Initial Release
	1	13-Jul-2015	Z. Mian	Updated minimum version
	2	18-Sep-2015	GL	Removed references to technical support library