



GE Communicator

Advanced Power Monitoring & Analysis Software for Windows®



Description

GE Communicator is a cost effective, user friendly software for programming and monitoring supported metering devices. This software allows users to program the meters, view real-time metered data, configure and analyze collected information from supported devices. The software provides simple screen displays, graphing and reporting functions that allows users to collect and archive data in ODBC compliant database.

Access to multiple meter data can be accomplished by configuring the Communicator to individually address each meter for retrieval of individual and logged data.

The following devices are supported by GE Communicator.

- EPM 4400S, EPM 5200P, EPM 5300P, EPM 5350* - Real Time Metering
- EPM 7430D, EPM 9450Q* - Real Time Metering and data logging
- EPM 7450D, EPM 9650Q* - Real Time Metering, Waveform and data logging

* Available with built in Ethernet. TCP/IP

Real-Time Viewing Capability

GE Communicator displays real-time data from the supported devices. The data is displayed in an easy to understand graphical format.

GE Communicator can display following data on pre-configured screens from supported devices:

- Real Time Data - Volts, Amps, Power, Energy etc.
- Real-Time & historical graphical trending
- Time of Usage & Accumulations
- Power Quality - Actual Real-Time Waveform, Harmonics
- Alarms & Limits
- Max. & Min. for Each Parameter
- I/O Device Information if supported by a device (Digital Inputs, Analog Outputs etc)

Advanced Communication Structure

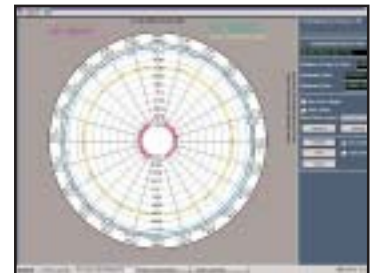
GE Communicator provides users three communication options to support the various meter types. These include:

- Ethernet TCP/IP
- Remote Modem
- Direct Serial RS 485

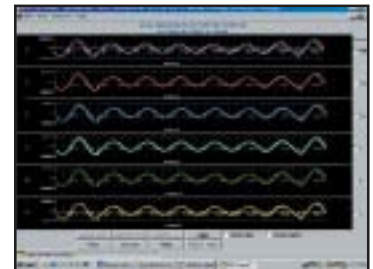
- Comprehensive Real-time Data Viewing



- Superior Charting & Graphing Functions - Historical Trends for any Parameter



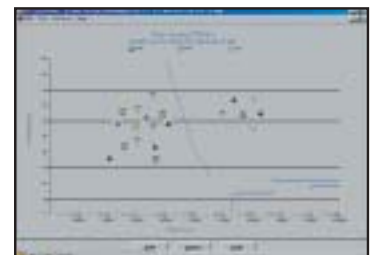
- Waveform, Power Quality Analysis & Fault Analysis



- Maintenance Free ODBC Compliant Database
- Ethernet TCP/IP & Telephone Connection Capable
- Easy to use "Tree" Programming Structure
- Compliant with most Windows® Based Applications
- Powerful, Simple & Productive



Phasor Analysis



CBEMA Log Plotting

Graphical Charting and Data Analysis

GE Communicator's charting and graphing functions allow users to easily access any desired data and provide fast and simple analysis.

Data analysis features include:

- Tabular Data Format with Direct Microsoft Excel® Compliance
- 6 Pen Charting and Graphing
- Circular or X-Y Chart Formats
- Max. / Min. Values Printed Directly on Plot
- Unlimited Zoom & Pan
- Direct Cut & Paste in Most Windows® Applications
- View waveform records with comprehensive data analysis features
- View stored waveforms on events caused by power quality problems, faults, transients and many other conditions.

Using GE Communicator, you can:

- View & Superimpose Multiple Waveforms
- Zoom & pan events
- Place hash marks directly on waveform graphs to calculate delta time & differing event durations.
- Conduct harmonic analysis on waveform data using harmonic magnitudes, peak value and RMS readings per cycle.

Power Quality Charting & Graphing

GE Communicator can calculate power quality on a scatter graph providing users with Computer Business Equipment Manufacturers Association (CBEMA) plotting information. The CBEMA guideline provides a realistic, at-the-equipment, maximum allowable voltage that equipment can withstand, without damage or upset. If many events fall outside the CBEMA tolerances, they may be damaging the monitored equipment. The software also provides 3D plots and histograms with frequency and severity.



Intuitive Meter Programming Requires No Training to Use

GE Communicator uses an intuitive, simple to use "TREE" programming method with graphical configuration. This allows users to easily walk down a list of configurations and set any desired parameters easily and quickly. This application was specifically designed to be easy to use and quick to set-up and running.

ODBC Databases for all Collected Data

GE Communicator uses an ODBC compliant database structure. ODBC structure provides the data in easily accessible format for 3rd party applications. This allows data to be managed as well as collected. The database also auto-configures itself so that the users do not have to be versed with database knowledge to maintain the data.

System Requirements

- PC Running Windows® 98, NT, 2000 or Better.
- 800x600 Min. Resolution, 1024x768 Preferred.
- Minimum Computer requirements - 700 MHz Processor with 256 Meg memory and 20 gig hard drive.

Contact Information

For the nearest GE Industrial Systems sales office, visit us at: www.gepowerleader.com. Click on Buy. Click on Where To Buy. Select geographic location. Enter zip code, select appropriate market, and choose Energy Management from the Select a Product drop-down menu.

Ordering Information

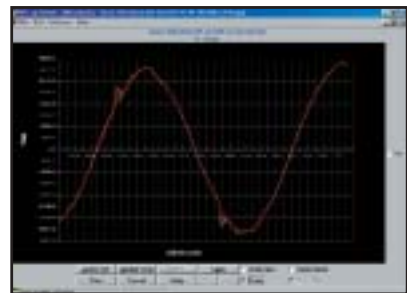
DESCRIPTION	CATALOG NUMBER
Communicator Software, Single User License	PL9000NCM100000
Communicator Software, Five User License	PL9000NCM500000
Communicator Software, Multiple User, Single Site License	PL9000NCMS00000



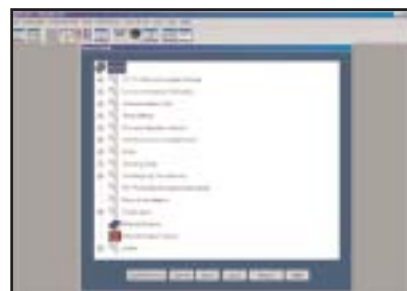
Logical Programming & Control



Real-Time Data with Scope-Mode



Detailed Waveform



Simple "TREE" Structure