

# Power Xpert® Software

## Professional and Enterprise Editions



Feature	Benefit
<b>General</b>	
Web browser user interface	There is no need to install a separate client piece of software on your computer. Simple and easy access via Web browser from any location in the world.
Web-based monitoring capabilities	Monitor all power system equipment through the Internet.
<b>Event Notification</b>	
Event notification via e-mail notification	Receive automatic e-mails when events are triggered.
Event notification via pagers, text message or third-party interfaces	Receive alarms on event changes via pagers, text message or third-party interfaces.
Alarm state management	Acknowledge, clear and close alarms through Power Xpert Software.
Event indicator displayed without Web page active	The Web page you are on does not need to be active to display the event indicator.
Alarm/event searching and filtering	Conveniently search and filter alarms and events to quickly find what you are looking for.
Waveform attached to applicable power event	Waveforms captured by meters are attached to actual power events, making them easy to understand and interpret.
Web browser based waveform viewing	There is no need to install a separate waveform viewer on your computer. Waveforms can be easily reviewed right in your Web browser.
Alarm capabilities based on device driven events	Alarms and triggered events come to the software directly from the associated devices, eliminating false alarms.
<b>Analysis and Trending</b>	
Graphic Trend Viewer	Displays power system device measurements in an easy-to-understand graphical chart format.
Chart or data option selection	Conveniently view the data in either spreadsheet type data format or a graphic line chart plot.
Multiple trends display	Displaying multiple trends at a time helps analyze event ramifications and impact in more detail.
Multiple axis support	Multiple trends can be plotted on multiple x and y axis, displaying pertinent time and scale information.
View multiple variables (i.e., Ia, Ib, Ic, Vab, Vbc, etc.) for a single waveform	Multiple waveform variables can be viewed at a time, eliminating the need of changing views frequently.
Standard COMTRADE file format support	View, import and open any waveform captures in standard IEEE (C37.111-1999) COMTRADE file format.
<b>Analysis and Trending continued...</b>	
Customizable Trend Viewer look and feel	The formatting of the data, and the look and feel of it can be easily customized according to user preferences.
Fixed or custom time frames	Information displayed in the Trend Viewer can have either system-defined fixed or user-selected custom time frames.
Trend analysis capabilities	Trends can be easily spotted and analyzed on screen or exported to third-party software for further analysis if necessary.
Data export	Trend data can be easily exported to Excel for further analysis.

<b>Custom Graphics and Layouts</b>	
Custom graphics development via Web browser	Customized Web pages can be easily developed using a plain Web browser, eliminating the need to install a separate application to be installed, learned and utilized.
iFrame capability	iFrames enable embedding browser portals into custom Web page layouts.
Browser Portal Widget support	Browser Portal Widgets can be embedded in iFrames to accommodate streaming media feeds.
Streaming media support	Multiple streaming media feeds can be embedded into a single Web page, utilizing iFrames technology.
Graphic object library included as standard ISOT standard electrical picture objects available	A large object library including most common power devices is embedded within the system, enabling the user to develop mimic screens from the start.
Graphic files import capability	Add ISO standard compliant graphics to one-line diagrams or other layouts for ISO compatibility.
Graphic object animation capability	Import floor plans, street maps or photographs to be used as background images or mimic objects in Web pages.
Gauge object library support	Graphics can be animated based on event and threshold changes. An object could change color, for example, when a threshold is reached.
External Web links support	A multitude of gauges are provided in the standard object library to enable easy Web page custom measurement gauges design.
Alarm bubble-up support through several page layers	Add Web links to Power Xpert Software pages, which link to any device, Web page on the Internet, and network around the globe with a Web user interface.
Trend object support	Alarms can be easily bubbled-up through multiple Web pages with the folder link feature. Event can be seen on the topmost page and the user can drill down for more information.
<b>UPS Shutdown</b>	Trend objects can be embedded into the layout, enabling viewing the data directly in the Trend Viewer.
File saving during shutdown	During an emergency shutdown due to an extended power failure outlasting the UPS battery, open files on the computer systems are closed and saved in an orderly fashion.
Automatic, orderly and sequential shutdown	All operating systems running Power Xpert Software Shutdown Agent will be shut down in an orderly and sequential fashion to prevent data loss.
Parallel redundant UPS shutdown capability	Built-in software logic will initiate shutdown only after UPS redundancy has been lost and the last UPS is out of runtime.
<b>Security and Administration</b>	
Windows Authentication Security	Control access to Power Xpert Software via Windows Authentication Service.
Two-tier secure system access support	Access the Power Xpert Software with read or write privileges to prevent unauthorized tampering.
SSL	Supported via OpenSSL.
Secure Web browser access (support for HTTPS)	Supported via OpenSSL.

<b>Time Synchronization</b>	
Time Synchronization support for connected devices with 1 millisecond time resolution	Millisecond-based timestamp support (when supported by connected device) enables understanding the sequence of rapidly occurring events.
<b>Export and Integration</b>	
Extended Excel spreadsheet support	Open report files directly in Excel.
SQL database query support	Power Xpert uses standard SQL database format that can be queried by third-party applications for system integration and data exchange.
<b>Logs</b>	
System Log	The System Log gathers information on system-level events for error and security purposes.
Error Log	The Error Log gathers information on errors occurred for diagnostic purposes.
<b>Service</b>	
Eaton help desk services (1-877-ETN-CARE)	Call Eaton to speak directly to a product specialist providing support for the software.
Turn-key startup service	Purchase a 1, 2 or 5-day startup service package from Eaton for turn-key system installation and configuration.

NOTE: These specifications are subject to change without notice and represent the maximum capabilities of the product with all options installed. This is not a complete feature list. Features and functionality may vary depending on selected options and product model. Please refer to the technical data sheet and User Manual for detailed specifications.