

Power Xpert Gateway 900

The power to see  
the power you use.

**EATON**

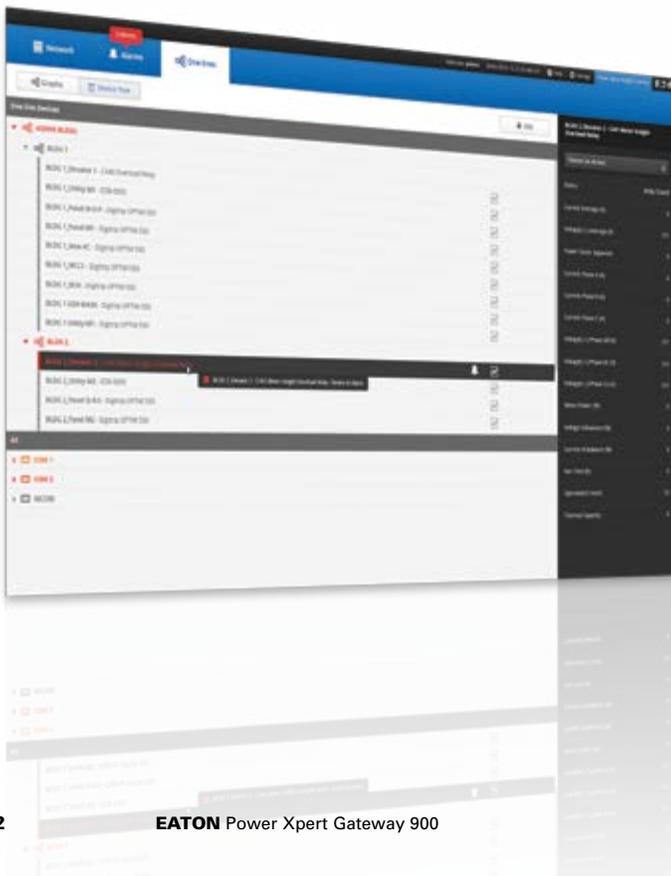
*Powering Business Worldwide*



## Business demands 24/7 power and energy monitoring.

Today, every business is driven to improve system safety, reliability, efficiency, equipment life and maintenance practices.

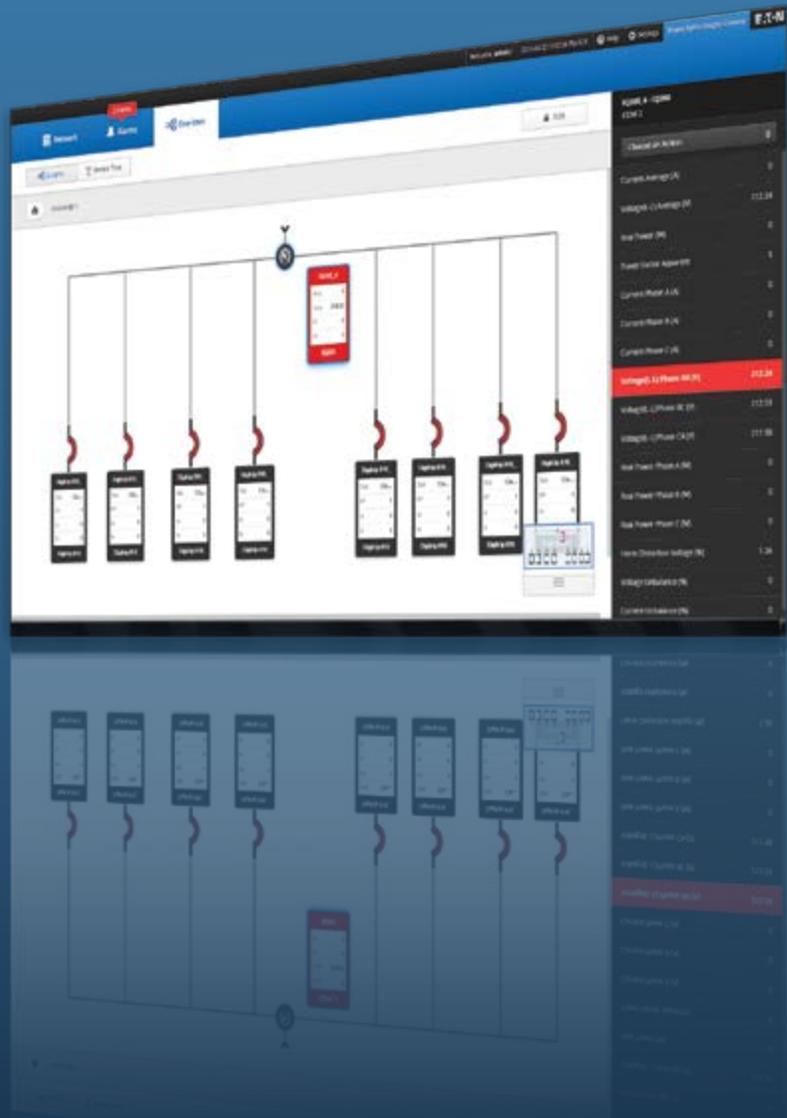
Whether monitoring electrical systems of industrial or commercial facilities, Eaton's PXG 900 delivers the information you need when it is needed. The ultra-compact PXG 900 may be installed in electrical assemblies or systems to acquire and consolidate data from components such as trip units, meters, relays, drives, and I/O devices. It's a flexible data aggregation solution for low- and medium-voltage switchgear, switchboards, panelboards, transfer switches, and motor control centers.



# Power and energy monitoring that supports your operational goals.

Eaton provides knowledge about your system to help you deliver results. Every business faces decisions about data: what to collect, how to collect it, proper analysis and decisioning to meet corporate performance requirements. Eaton understands this time-consuming challenge. Eaton developed the Power Xpert® Gateway 900 (PXG 900) to help you understand electrical system performance, identify concerns, establish baselines and guide proper actions to support operational needs.

- **Safety:** Monitoring systems can help minimize exposure to potentially hazardous electrical environments by providing remote status and operational parameters.
- **Reliability:** Assessment of data from the monitoring system can reveal existing or imminent issues that can adversely affect operations and production. Historical data from power monitoring systems can help identify and correct both acute and chronic problems to increase productivity.
- **Environmental:** A better knowledge of how energy is used within a facility allows you to identify an array of prospects to improve efficiency, minimize waste, and reduce energy consumption.
- **Maintenance:** Data trends can forecast and notify decision makers when discrete equipment parameters may be exceeded, enabling you to plan maintenance rather than face unscheduled shutdown of equipment within hazardous areas. Some monitoring devices also offer a variety of additional parameters (temperature, pressure, flow rate, vibration, status indicators, etc.) through the use of transducers.
- **Financial:** Every decision you make directly or indirectly influences the bottom line. In most cases the monetary impact from even one or two of the elements above quickly justifies the purchase and installation of a power monitoring system.



# Make better decisions faster—at a glance.

## Using a Web browser, view detailed interfaces:

- Network tab
- Alarms tab
- Individual device detail pop out
- Trend viewer pop out
- One-line tab
- Help button with on-board product documentation
- Settings button for advanced configuration

## Comprehensive device parameters:

- Device status
- Current
- Voltage
- Power
- Energy
- Frequency
- Power factor
- Voltage THD

## Add Power Xpert Insight Software:

- View multiple gateways
- View other power systems equipment
- Enable extensive energy monitoring and capacity analysis



## Flexible. Scalable. Smart.

- Intuitive setup reduces time and expense for configuration.
- Displaying and navigation of device data made easy with the top 4 channel block, side bar, and detailed device pop-out window.
- Provides easy, remote access to system electrical parameters, historical data and alarms through a Web browser.
- Easily communicate with upstream systems such as BMS and SCADA systems.
- Ethernet access point that can provide cybersecurity for downstream devices, including Role Based Access Control, Password Management and login notification.
- Provides power monitoring with features, including data logging, one lines and alarm information, offering customers low-cost electrical monitoring.
- Expand with Power Xpert Insight software for a comprehensive view into multiple PXGs in different locations.
- Manage a subnet of IP addresses enabling connectivity of supported Modbus TCP devices via a single access point for Modbus TCP device communication and data acquisition.
- Convert serial protocols (INCOM and ModBus RTU), and enable access through an Ethernet network via HTTP/HTTPS, Modbus TCP, BACnet IP and SNMP.

Facility engineers, energy managers, process engineers, maintenance personnel and commercial property managers need to log and view relevant electrical parameters. Whether it's monitoring a sophisticated continuous manufacturing process, the commercial or institutional infrastructure at a campus or healthcare facility, or highly sensitive data-processing centers, the PXG 900 will provide the information needed to gain insight and understanding of the facility's electrical system.

Learn more about PXG 900 from Eaton at [Eaton.com/pxg](http://Eaton.com/pxg).

## No matter the size or type of facility, put Eaton's Power Xpert technology to work for you.



**Eaton. Providing solutions for energy management the world over.**

As the global demand for clean power continues to increase faster than utilities are able to keep up, Eaton is helping customers do more with less energy, while improving the reliability of critical systems and processes.

Better information about energy use is being employed to improve equipment monitoring and maintenance, reduce unplanned downtime and lower energy costs. With a complete integrated solution including monitoring devices and software, trust Eaton to help you achieve your energy management goals.

Learn more about PXG 900 from Eaton at [Eaton.com/pxg](http://Eaton.com/pxg).

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