

Power Monitoring Expert

Delivers superior power and energy management to meet your toughest demands



Drive performance with the next generation in power and energy management

Managing a complex facility with critical power assets and high-energy consumption is challenging. You need access to real-time monitoring data, alarming, and power quality analysis to help you avoid critical conditions that can cause equipment failures and downtime. You also need a robust set of energy analytics tools to manage your energy efficiency and sustainability programs.

StruxureWare™ Power Monitoring Expert is a complete, interoperable, and scalable power management software solution that enables you to optimize your power distribution infrastructure, maximize operational efficiency, and improve your bottom-line performance. This solution will help you:

- Maximize facility uptime and reliability
- Examine and mitigate power quality related issues
- Find new ways to extend equipment performance and life span
- Track energy consumption, uncover savings opportunities and accurately allocate costs
- Enable compliance with power quality and energy standards such as IEC/IEEE and ISO50001

Power Monitoring Expert also features segment-specific solutions for data centers, healthcare, and buildings, delivering pre-engineered functionality customized to meet your needs.

Manage power quality, availability, and reliability

Optimize use of your electrical and infrastructure assets

Drive energy efficiency initiatives and improve financial performance

Power and energy intelligence at your fingertips

Customized real-time monitoring

- Access real-time status of sensitive power distribution components
- Trend chart tools with customized views to reveal patterns and anomalies quickly



Data analytics and visualization

- Smart dashboards with configurable presentation widgets and kiosk options
- Powerful graphics templates and libraries
- Automated power quality reports and waveform analysis tools
- Comprehensive templates for energy and power reporting, with flexible report distribution options

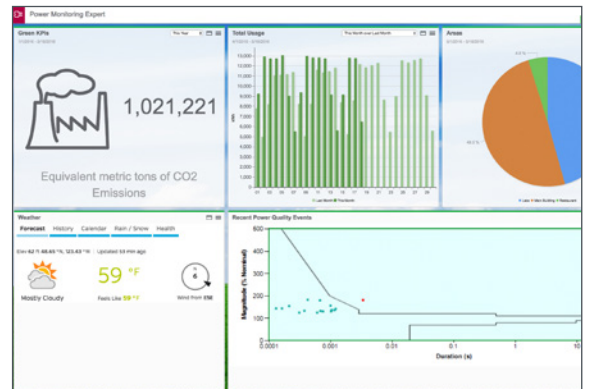
Time	Location	Event Type
2016-01-01 10:00:00	Site 1	Voltage Unbalance
2016-01-01 10:05:00	Site 2	Current Imbalance
2016-01-01 10:10:00	Site 1	Power Factor
2016-01-01 10:15:00	Site 2	Harmonics
2016-01-01 10:20:00	Site 1	Temperature
2016-01-01 10:25:00	Site 2	Vibration
2016-01-01 10:30:00	Site 1	Humidity
2016-01-01 10:35:00	Site 2	Pressure
2016-01-01 10:40:00	Site 1	Flow
2016-01-01 10:45:00	Site 2	Level
2016-01-01 10:50:00	Site 1	Speed
2016-01-01 10:55:00	Site 2	Position
2016-01-01 11:00:00	Site 1	Acceleration
2016-01-01 11:05:00	Site 2	Displacement
2016-01-01 11:10:00	Site 1	Velocity
2016-01-01 11:15:00	Site 2	Force
2016-01-01 11:20:00	Site 1	Energy
2016-01-01 11:25:00	Site 2	Power
2016-01-01 11:30:00	Site 1	Efficiency
2016-01-01 11:35:00	Site 2	Loss
2016-01-01 11:40:00	Site 1	Cost
2016-01-01 11:45:00	Site 2	Revenue
2016-01-01 11:50:00	Site 1	Profit
2016-01-01 11:55:00	Site 2	Margin
2016-01-01 12:00:00	Site 1	ROI

Alarm and event management

- Powerful alarm triggering, notification, and analysis tools
- Sequence of events reporting for power system event root cause analyses

Robust technical infrastructure

- Ready-to-use communications with many electrical distribution devices
- Fully compatible with current operating systems and databases
- Interoperable with integration to other systems and devices through open data and protocol standards
- Scalable through flexible deployment options



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