

Electrical Power Monitoring System, Foreseer Healthcare and mission-critical systems



Powering the transformation of healthcare

Ensure always-on power for the essential electrical system

Healthcare-related facilities require safe and reliable power to support the mission-critical systems required to provide exceptional patient care. They also need to be able to scale to meet future needs. Eaton's Electrical Power Monitoring System (EPMS), Foreseer® helps to ensure that your facility has the power it needs, when it is needed. Our EPMS helps:

- Ensure the availability of critical systems with backup power protection
- Simplify The Joint Commission® compliance
- Maximize the utilization of existing assets with capacity management tools
- Ensure critical systems receive the power they need
- Proactively prevent power loss
- Monitor and manage all power systems, across all facilities
- Maximize energy-saving opportunities to reduce operating costs to refocus investment on patient care
- Allow labor-constrained teams to work more efficiently

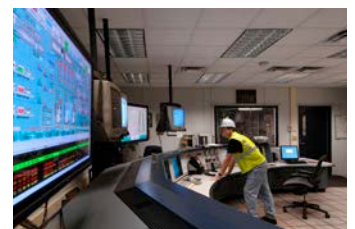
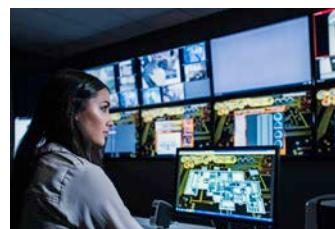
Foreseer connects to your operation's vast array of devices, regardless of make or model. Foreseer turnkey services are professional integration and engineering services delivering tailored design, deployment and configuration plans, wiring diagrams and custom graphics, along with project management, contractor services and customized reporting.

Exceptional monitoring, alerts and reporting— no matter the size or location

Foreseer is fully scalable to support a single facility or a large campus, including data centers or multiple facilities no matter where they are in the world. It facilitates real-time monitoring of power, water, gas, air, steam, environmental and sub-systems. In addition, Foreseer can grow as your systems do without stranding hardware or excessive software costs.

Instantly measure availability, loading and consumption in real time

By constantly collecting performance information and providing easy remote access, the network of data acquisition devices and advanced software provides the ability to instantly measure availability, loading and consumption in real time. As a result, Foreseer makes it possible to monitor the operation and status of all the electrical components that are running in buildings, and trend measurements on those components over time, looking for changes.



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The Joint Commission and National Fire Protection Association® (NFPA) certifications

When changes are detected, the information can be used to instantly trigger alarms, prompting investigation and a proactive response prior to costly or service-impacting failures. Foreseer provides facility management teams the ability to log, benchmark and report on data to help produce required electrical system reports for The Joint Commission accreditation and NFPA certifications.



See how Eaton's EPMS helped Rochester General Hospital with Joint Commission accreditation here.

The embedded Foreseer reporting features and the optional Foreseer Reporting System offer a built-in reporting capability to quickly generate compliance reports and automatic updates that can be emailed to facility management leadership based on accreditation timelines.

To help with NFPA certifications, Foreseer allows auditing emergency power supply systems and monitoring key metrics for generators and automatic transfer switches during testing at user-defined date/time ranges.

Improved patient care

Ultimately, Foreseer enables safe, reliable power for patients while reducing costs by mitigating the risk of downtime, simplifying preventive maintenance and allowing system-wide compliance testing to be completed from a single location.



Using EPMS with building management systems (BMS) creates a powerful combination to reliably maintain patient comfort and care.

Providing services requires a complete picture of the building ecosystem. By installing an EPMS to work alongside your BMS, facility management can accurately manage, analyze and trend building environmental systems in conjunction with all of the utilities flowing through the facility. Our EPMS provides this complete, easy-to-interpret picture by monitoring the water, air, gas, electricity and steam systems throughout the building. Proactive alarms spot problems before they result in costly downtime, while easily identifying areas for efficiency improvement. The integration can also help with demand response programs, as well as providing accurate consumption levels for calculating power usage effectiveness or utility rebates.



But most importantly, the power monitoring and management capabilities delivered through an EPMS provide confidence—confidence that power systems are doing what they should, that personnel will be immediately notified of alert conditions in time to resolve, not just react, and the confidence of being able to predict and prevent problems before they occur.

For today's complex facilities, these capabilities are no longer luxuries, but necessary tools to keep your operations running effectively and efficiently.

Full-service support

Our experienced team, located throughout the United States, works with you from system design and implementation to training and ongoing support. Eaton is there for the entire life cycle of your project and beyond.



Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

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