



## SMART ELECTRICAL SERVICES

# Improving reliability, uptime, and performance with Smart Electrical Services from Siemens

[usa.siemens.com/smartelectricalservices](https://usa.siemens.com/smartelectricalservices)

From ensuring operational efficiency and safety to meeting compliance requirements, the complexity of modern electrical infrastructure demands innovative approaches for achieving and sustaining reliability, uptime, and performance. Facilities teams often juggling multiple responsibilities can count on Siemens to deliver the services and maintenance that not only enhance performance but prioritize safety and regulatory compliance.

Let Smart Electrical Services from Siemens redefine service for the lifecycle of your electrical equipment. By leveraging the power of digitalization to transform your electrical system and equipment, you can:

### Enhance safety

Smart Electrical Services integrate advanced diagnostic capabilities that detect potential electrical faults and hazards before they pose a risk to your employees or facility.

### Improve operational efficiency and reduce total costs

Analytics and monitoring provide real-time insight on KPIs, help optimize energy consumption, and reduce downtime before they become costly problems.

### Improve reliability and power quality

Harnessing the power of digitalization to transform electrical equipment can help manage energy efficiency minimize the risk of business disruption such as avoiding excess utility charges due to phase imbalances.

Best of all, Smart Electrical Services from Siemens are easily scalable across your entire building portfolio – whether you have buildings in one region or across the country.

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## How it works

For customers with Smart Electrical Services, Siemens installs digital edge hardware to connect the power meter to our Site Controls platform for 24/7/365 monitoring and fault detection. Experts from our Digital Service Center (DSC) review and interpret trends for ongoing support and recommendations.



### Support

#### Remote Support

- Access to remote support for monitored equipment during normal business hours

#### Web Portal Access

- Access to monitoring web portal

#### SMS / Email Notification

- Notification of alarms by support team



### Monitoring

#### 24/7 Monitoring + Alarming

- Proactive monitoring and technical assistance for alarming

#### Analytical Reporting

- Customized quarterly or monthly reports

#### Consultancy

- Review of reports and recommendations by experienced engineers



### Energy Management

#### Energy Performance Management

- Monitor voltage / current unbalances, load variances, and reactive power

#### Power Quality / Factor

- Harmonic distortion and poor power factor analysis

#### Maximize Lifecycle Efficiency

- Insight to help avoid penalties and optimize utility billing



Siemens offers preventive maintenance, emergency services, technical support, and more for the lifecycle of your electrical systems and equipment – all backed by our onsite field services, expert consulting and engineering services, and digital services. For more information, visit [usa.siemens.com/smartelectricalservices](https://usa.siemens.com/smartelectricalservices)

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