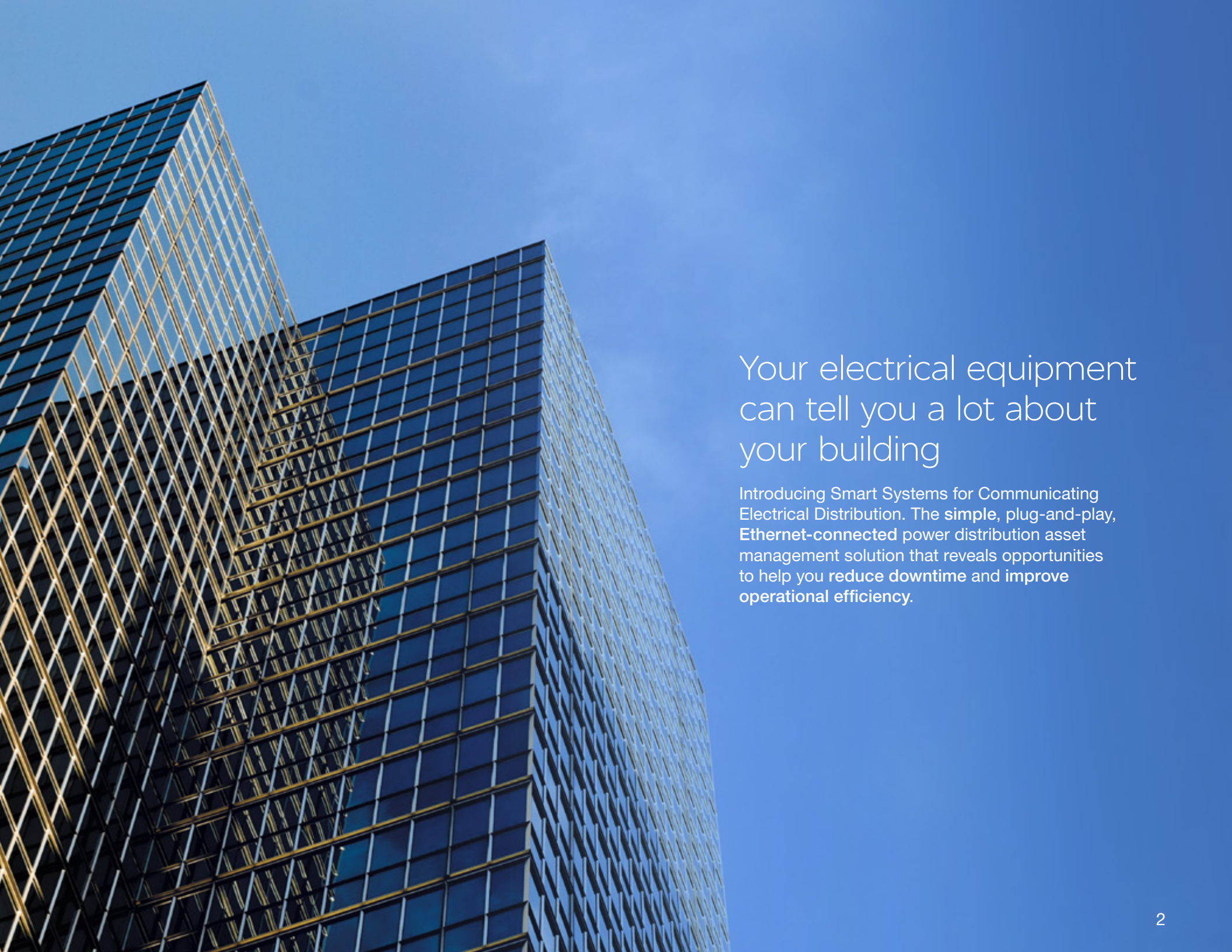


Ethernet-connected Electrical Asset Management has never been easier

Smart Systems for Communicating
Electrical Distribution



Schneider
Electric



Your electrical equipment can tell you a lot about your building

Introducing Smart Systems for Communicating Electrical Distribution. The **simple**, plug-and-play, **Ethernet-connected** power distribution asset management solution that reveals opportunities to help you **reduce downtime** and **improve operational efficiency**.



Let's start a conversation with your electrical distribution equipment

The Internet of Things is changing the way we receive and consume data.

To help you take advantage of this trend, Schneider Electric™ offers Smart Systems an innovative connected solution that uses your electrical distribution equipment to deliver relevant information, helping you improve asset management, overall reliability, and operational efficiency of your facility.

Square D™ by Schneider Electric switchgear and electrical distribution can no longer be viewed as just a gray box. It's revolutionizing the way you interact with your building.

Schneider Electric removes the complexity of connected solutions to help you manage your buildings' power distribution assets.

Rely on smart data to monitor your buildings' health, pinpoint troublesome areas, and facilitate a predictive maintenance program.



Simple

Data is presented simply. View the “big picture” and easily keep track of your buildings’ electrical assets’ condition and status – on whatever time frame you choose. Smart Systems removes the complexity of communicating with circuit breakers, so you may easily spot potential problems that could lead to an outage or unscheduled downtime.

Commissioning is simple. Components use a straightforward, plug-and-play design that can be quickly commissioned. Most components “auto discover” one another, so time-consuming module programming is minimized.

Responsive

Stop chasing alarm details. Up to 56 email alert types are available, depending on the Square D circuit breaker. From your desktop, simply “check box” the preferred alerts and input the email addresses you wish to receive the alert.

Make smarter decisions. Smart Systems helps you view, control, and streamline data from your electrical equipment assets, and facilitate a predictive maintenance program that helps reduce cost and improve uptime.

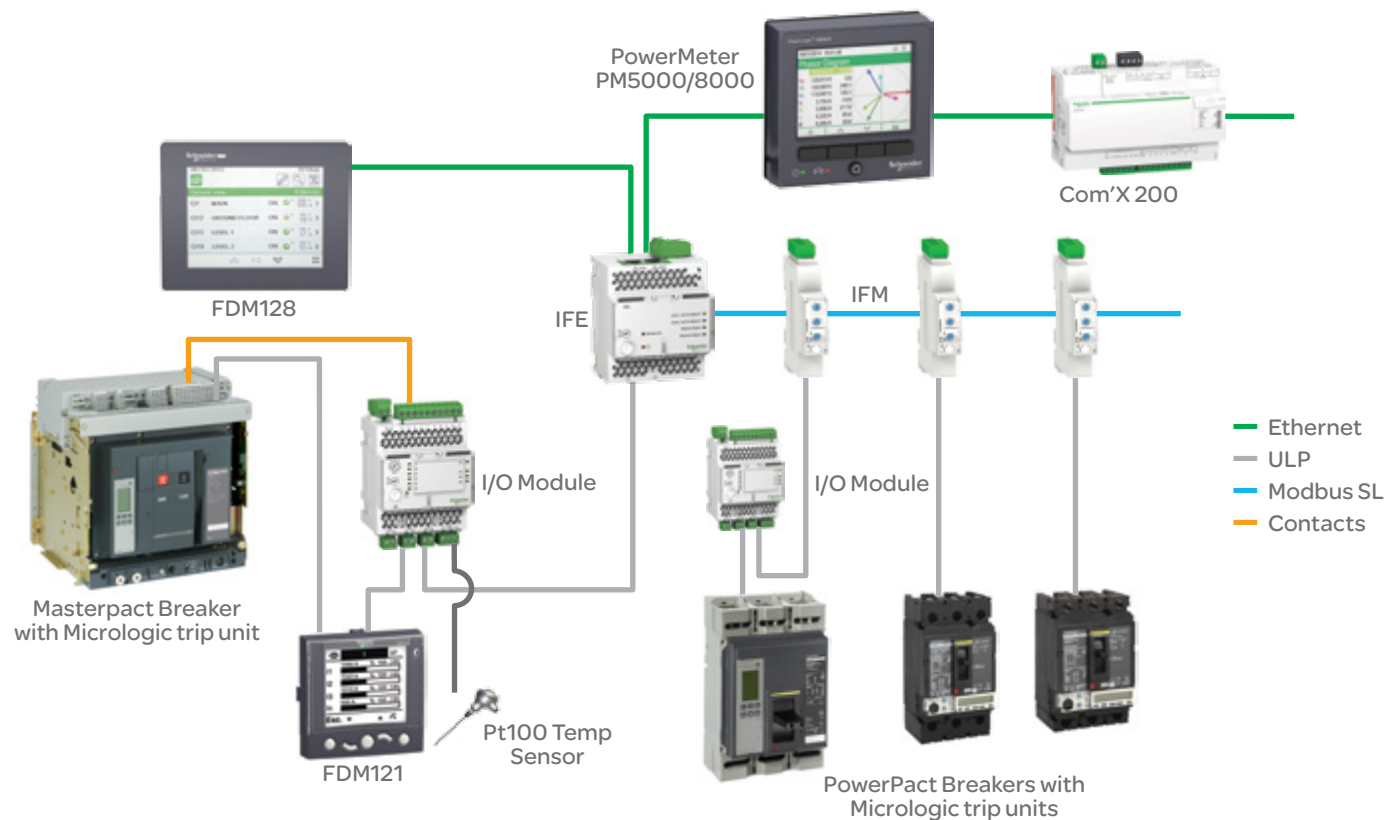
Connectivity

Fast reliable connectivity. With the speed and convenience of Ethernet now common in nearly every connected device, you can monitor your building in real time and immediately act on operational efficiencies. Plus with Ethernet, you have no worries about bandwidth slowing your data speed.

Remote connectivity. Instead of physically checking to ensure each power distribution circuit is operational and its status confirmed, you can do so automatically on your desktop. You can even check on electrical distribution assets in multiple buildings or even in different geographic locations across the country or globe.

Keep an eye on your energy usage. With baseline energy consumption information, you can drive overall energy efficiencies. Smart Systems can help you measure and verify energy consumption and identify opportunities for improvement in your facilities.

Smart Systems Architecture Overview



Your Square D circuit breakers with Micrologic™ trip units have a lot to tell you about your buildings' overall health.

A simple Ethernet connection is used to access data from breakers for easy access on your computer screen.

The preconfigured I/O Module advances Cradle Communication Module functions by adding

communication, control, and monitoring into a single device.

The IFE Interface uses faster, more reliable Ethernet connectivity to access breaker status and metering data, send alarms, and control a breaker's on/off state.

The Ethernet-enabled FDM128 touch-screen displays breaker status, metering data, and alarm notifications, as well as allows customers to view and control up to eight circuit breakers.



Enjoy the benefits of Electrical Asset Management made easier



Make smarter decisions

Data presented simply and concisely lets you easily spot trends and quickly make decisions.



Maximize operational efficiency

Simple, plug-and-play design makes it easy to connect your computer to circuit breakers and retrieve data.



Drive real value

Monitor, control, and display circuit breaker data and functionality to reveal opportunities for improvement.



Gain greater control

Remotely control breakers on and off for energy efficiencies without incurring an on-site visit.



Customize alarm notifications

Specify alarm email notifications to email specific individuals within your organization, customizing the alert message to pinpoint alarm specifics and location.



Grow efficiencies

Increase the efficiency and performance of your electrical distribution assets.

Scalable Connectivity

Enjoy remote monitoring that's scalable to your demands with two distinct software options.

1 Your connected solution works with the embedded PowerView™ application, and can be accessed through your preferred Web browser. Rely on its comprehensive overview to monitor your buildings' health, and drill down to review status or to control individual devices.

2 Smart Systems works with many popular facility management solutions, both cloud-based and locally hosted software.



Ethernet-connected Electrical Asset Management has never been easier

Use Smart Systems for Communicating Electrical Distribution to reveal opportunities with actionable data to reduce downtime and improve operational efficiency.

We want to start a conversation with you.

Connect to Schneider Electric for more information.



Call your Schneider Electric representative
or 1-888-778-2733



Click on www.schneider-electric.com/us

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