The heart of smart and connected buildings

EcoStruxure™ Building Operation 3.0

The digital age is rapidly transforming how we manage the places where people spend up to 90 percent of their time: buildings.[1] As the Internet of Things connects more devices within buildings, the amount of data that can be mined for critical building management information is increasing exponentially. How that data is used to create smart buildings is improving what matters most – increasing operational efficiency and improving the occupant experience.

Welcome to the building of the future.

Creating smart buildings with valuable intelligence

EcoStruxure Building Operation is the heart of our building management system. Schneider Electric's advanced, open-integration platform lets you monitor, manage, and control building operations on one system. The software turns data from connected devices, sensors, and systems into actionable intelligence. What's more, the platform scales easily to meet the evolving needs of any enterprise and is designed with security top-of-mind.

Today's smart buildings are:

- More engaging
- Hyper-efficient
- Truly sustainable
- Always simple

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EcoStruxure Building Operation 3.0 Features and Benefits

Facilitate the secure exchange of data and analysis from both Schneider and third-party energy, lighting, HVAC, fire safety, security, and workplace management systems while leveraging digitization and big data.

Gain access to more information

- Enables real-time insight into building operations via new easy-to-use dashboards; customize for specific needs
- Provides access to all data directly without the need for third-party tools
- Obtain anytime, anywhere access to information via mobile applications
- Easily present dashboards to building occupants in kiosk mode

Ensure security

- Applies security updates to take advantage of the latest .net and Microsoft XML
- Features BACnet Testing Laboratories (BTL®) 14 certification
- Provides peace of mind with Schneider's built-in Secure Development Lifecycle policy

Improve performance

- Supports Schneider's new SmartX IP Controller - RP-C for HVAC, part of the new Connected Room Solution
- Allows for multi-version hardware and software support
- Improves performance and response, especially in larger systems, with a 64-bit architecture option
- Extend EcoStruxure Building capabilities with the Smart Connector open and flexible application framework

Delivering value at every level

Facility Managers increase operational efficiency and occupant satisfaction.

- Keep buildings running smoothly and predictably to ensure comfort
- Obtain fast on-the-go diagnoses and resolution of building events via smart devices
- Customize data views to individual preferences
- Eliminate the need for specialized standard operating procedures to satisfy GMP compliance

System Integrators simplify and save valuable time.

- Deploy building systems faster and more efficiently
- Provide a more integrated environment across building systems
- Differentiate and gain a competitive advantage
- Speed system engineering and ensure consistency with new configurable standard applications

Building Occupants enjoy overall satisfaction.

- Enable occupants to control comfort and amenities at their convenience

Contact your Schneider Electric representative for more information.

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1. The National Human Activity Pattern Survey, tps://indoor.lbl.gov/sites/all/files/lbnl-47713.pdf