

# Schneider Electric

## EcoStruxure™ Building Automation

### UNLOCK BUILDING VALUE WITH ECOSTRUXURE BY SCHNEIDER ELECTRIC, A LEADER IN BUILDING AUTOMATION

CM3 Building Solutions has been installing and integrating Building Automation systems in the tristate area for 40 years. As a Schneider Electric Master EcoXpert, we install, integrate, service, and support Schneider Electric building automations systems across New Jersey, Pennsylvania, and Delaware

The Building Automation System from Schneider Electric - EcoStruxure™ - is an industry leading system that is both affordable and scalable, delivering smart energy management - regardless of building size.

EcoStruxure is not just a product. It is a system-wide approach to creating an intelligent energy management system within your facility.

EcoStruxure Building securely connects hardware, software, and services over an Ethernet IP backbone to help you.

- » Maximize building efficiency
- » Optimize comfort and productivity
- » Increase building value

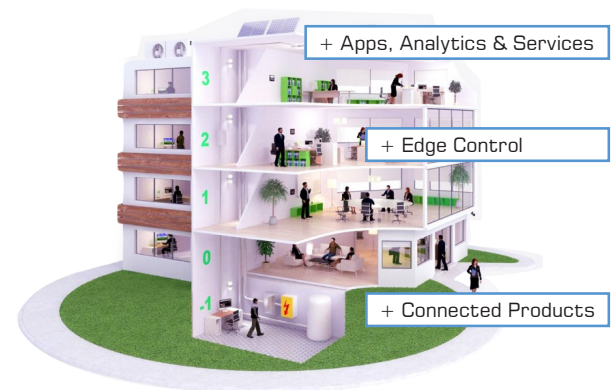


# GET THE INDUSTRY'S ONLY TRULY OPEN, COLLABORATIVE IOT PLATFORM

Today's smart buildings demand simple integration across systems and easy access to the latest IoT devices. They also require an environment that keeps buildings and occupants safe.

With an open and secure software integration framework, EcoStruxure Building Operation allows collaboration across complex third-party systems to create truly innovative custom solutions. The EcoStruxure platform natively supports industry-standard open protocols out of the box, including BACnet, Modbus, LON, and Zigbee. It also includes BTL certifications across the system's SmartX hardware and software components.

Integrating connected products using industry-standard protocols helps future-ready buildings and ensures new technology expansions will be easier to adopt and implement.

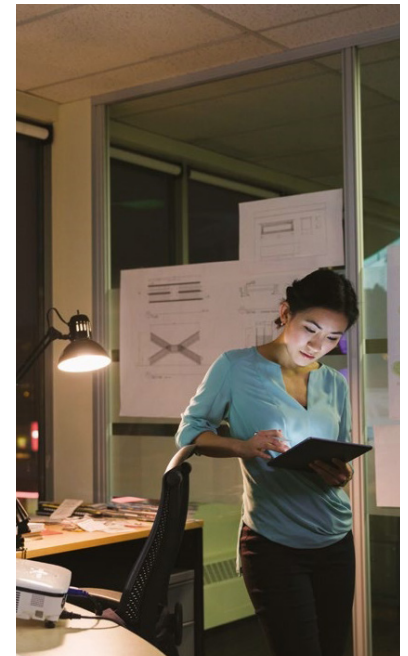


## GAIN OPERATIONAL INSIGHT: CONNECT SOFTWARE, HARDWARE, AND SERVICES

This next-generation building management software – EcoStruxure Building Operation – is the edge-control heart of the EcoStruxure Building system. It enables enterprises to seamlessly facilitate the secure exchange of data and analysis from both Schneider Electric and other third-party energy, lighting, HVAC, fire safety, security, and workplace management systems while leveraging digitization and big data.

The new software collaborates easily with building systems from Schneider Electric and other providers, allowing users to leverage data to create innovative applications. In addition, you get:

- » A truly mobile experience: access building data anytime, anywhere on a laptop, tablet, or smart phone
- » Visibility into large campuses and global buildings 10 times larger than before
- » Time- and labor-saving features to increase engineering efficiency up to 30%

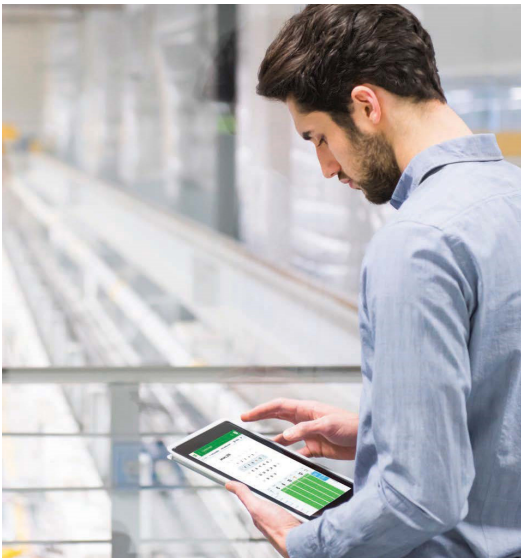




# REDUCE OPERATING COSTS, INCREASE COMFORT AND ASSET VALUE

EcoStruxure Building provides an open data interface that allows you to improve overall cost of ownership with analytics, reporting, and access to valuable services on premise or in the cloud.

The EcoStruxure Building Advisor, now included with all service plans, continuously monitors building performance to proactively diagnose issues and access actionable intelligence to improve occupant comfort and lower energy and maintenance costs by as much as 30 percent. Regular reporting and collaboration with our experts provide additional building insights and solutions.



## SIMPLIFY NETWORK CONNECTIVITY - ENABLE I.T EFFICIENCY

Schneider Electric's networking and connectivity infrastructure portfolio helps remove the complexity from IP with connectors, racks, data patch panels, cables and faceplates that work seamlessly with Smart Controllers.

Get simple installation and ease of engineering deployment with our single source for your BMS and network cabling needs. The physical network infrastructure solutions offer reliable, end-to-end scalability that enable IT efficiency.

## DEPLOY FASTER, REDUCE COSTS

The Schneider Electric mobile app improves productivity and lowers labor costs by enabling the configuration of SmartX Controllers without connection to a server

### Use this convenient app for:

- » Device configuration
- » Air balancing
- » Programming and I/O checkout
- » Local application deployment



## IMPROVE EFFICIENCY, WORK SMARTER

These next-generation IP field controllers and accessories, including living space sensors and cabling management, extend the reach of the open innovation platform with seamless scalability and flexible topologies that deliver unprecedented performance.

- » Enable data transmission from connected equipment
- » Diagnose and resolve issues faster
- » Commission with mobile phones for added convenience
- » Enjoy utmost peace of mind with market-leading cybersecurity



### EcoStruxure™ Architecture

