



# ECOSTRUXURE™ BUILDING

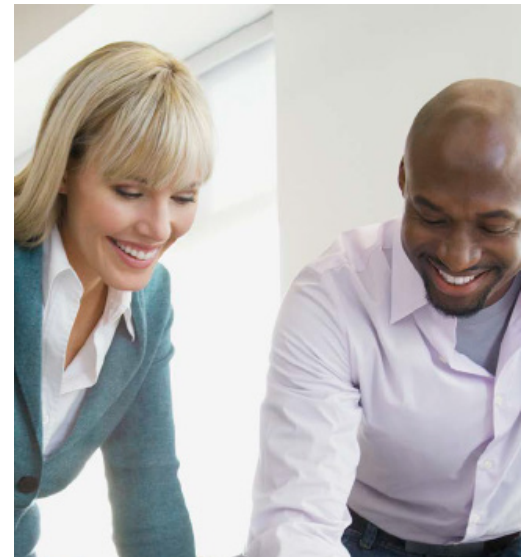
UNLOCKING VALUE - UNLEASHING PRODUCTIVITY

## UNLOCK BUILDING VALUE WITH ECOSTRUXURE BUILDING

When your organization effectively addresses energy and operational efficiency, your work spaces run smarter and more cost-effectively. Combine that with a more engaging user experience for you and your colleagues, and the outcomes are measurable: increased comfort and productivity, and higher building value. EcoStruxure™ Building from Schneider Electric is The Open Innovation Platform of Buildings – a collaborative Internet of Things (IoT) solution that features a scalable, secure, and global architecture to make buildings of all types smart.

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

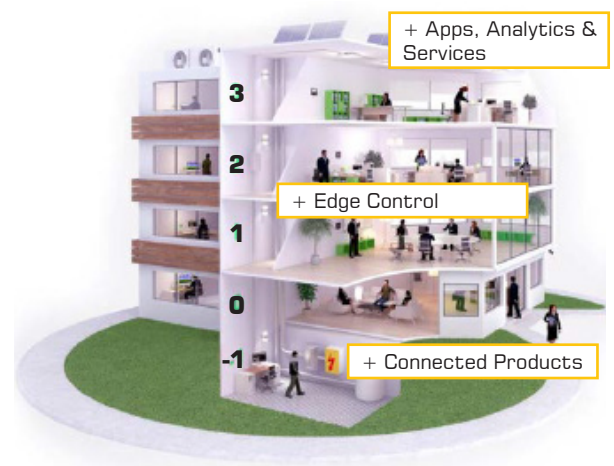


## GET THE INDUSTRY'S ONLY TRULY OPEN, COLLABORATIVE IOT PLATFORM

*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.

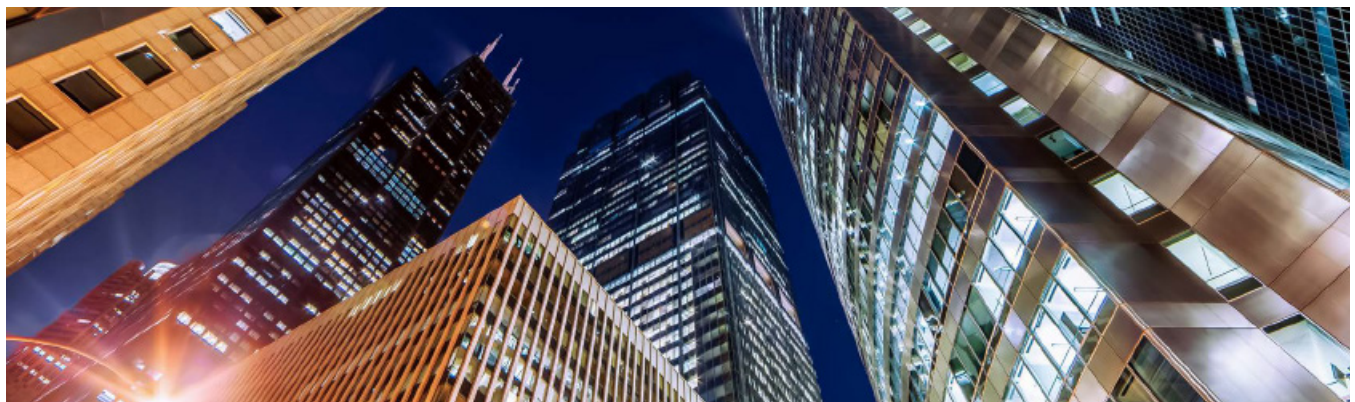




on premise or on cloud
 
**The Open Innovation Platform of Buildings**  
 A single solution for collaborative, sustainable buildings: Scalable | Secure | Global

EcoStruxure Building is part of Schneider Electric’s EcoStruxure, our IoT-enabled, plug-and-play, open architecture that boldly offers innovation at every level: connected products, edge control, and apps, analytics, and services.

It delivers end-to-end solutions in six domains of expertise – Power, IT, Building, Machine, Plant, Grid – for four end markets: *Building, Data Center, Industry and Infrastructure*. EcoStruxure is driving digital transformation for Schneider Electric clients globally, enabling them to be competitive in today’s digital economy.



**GAIN OPERATIONAL INSIGHT: CONNECT SOFTWARE, HARDWARE, AND SERVICES**  
**EDGE CONTROL: ECOSTRUXURE BUILDING OPERATION**

Our next-generation building management software – EcoStruxure Building Operation v3.2 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. Our 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%

# SMARTX EDGE SERVERS AND ECOSTRUXURE BUILDING OPERATION SOFTWARE

EcoStruxure Building provides Innovation At Every Level to make buildings:

- » Smarter: Gain insight across systems and access actionable information for ROI-driven decision-making
- » More efficient: Increase building efficiency to reduce energy consumption and costs by 30 percent
- » More comfortable: Create modern facilities that boost productivity and improve building value



**SmartX AS-P Server**



**Ecostruxure  
Building Operation**



**SmartX AS-B Server**

## IMPROVE EFFICIENCY, WORK SMARTER

### CONNECTED PRODUCTS: SMARTX IP CONTROLLERS AND SMARTX LIVING SPACE SENSORS

Our new, 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.

Now you can:

- » 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



**SmartX MP-C**  
15/18/24/36 points



**SmartX MP-V**  
7/9 points



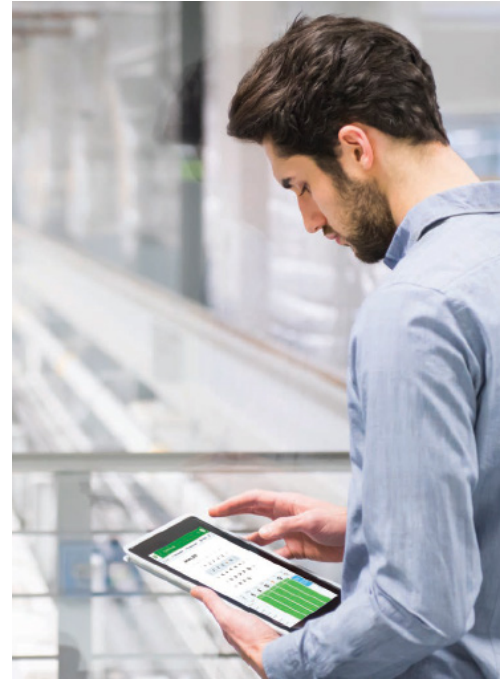
**SmartX Living Space Sensors**  
Multi-sensor models

## **SIMPLIFY NETWORK CONNECTIVITY, ENABLE IT EFFICIENCY**

### ACTASSI STRUCTURED CABLING MANAGEMENT

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

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



## **TWO TECHNOLOGY LEADERS, ONE BEST-IN-CLASS SOLUTION**

### SCHNEIDER ELECTRIC-CISCO® PARTNERSHIP

Schneider Electric's technology solution partnership with Cisco helps bridge the OT and IT worlds, and maximize the connectivity made possible in buildings. The tested and validated designs Schneider Electric and Cisco developed together enable you to select Schneider Electric SmartX IP Controllers for your building systems and be confident in the knowledge that you can securely connect your building systems to an end-to-end IP network with a resilient architecture that will be easy to manage.

In addition, with the selection of Cisco's industrial Ethernet, catalyst switches and routers as well as its IoT Threat Defense security architecture and Industrial Network Director (IND) network management system, you further enhance the overall availability and security of your entire system.



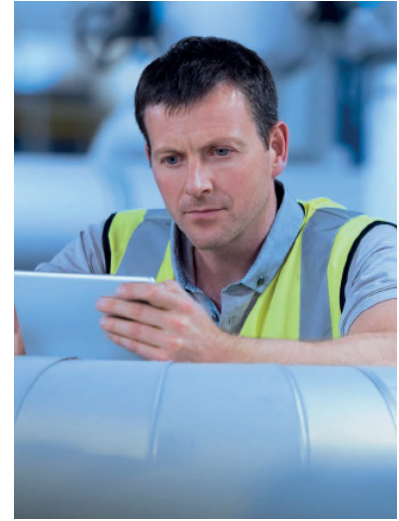
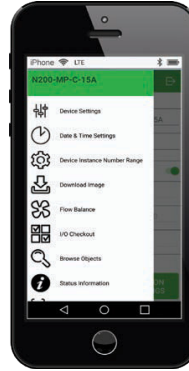
## DEPLOY FASTER, REDUCE COSTS

### ECOMMISSION SMARTX IP CONTROLLERS MOBILE APP

eCommission SmartX IP Controllers mobile app improves productivity and lowers labor costs by enabling the configuration of SmartX IP Controllers without connection to a server.

Use this convenient app for:

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



## REDUCE OPERATING COSTS, INCREASE COMFORT AND ASSET VALUE

### APPS, ANALYTICS AND SERVICES: ECOSTRUXURE BUILDING ADVISOR

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.

Our 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.



CM3 Building Solutions is a Master EcoXpert of Schneider Electric