**CM3** BUILDING SOLUTIONS

A Master EcoXpert of
Schneider Electric

# Schneider Electric
## Connected Room Solutions

### Create the Room of the Future Today

## IS YOUR BIGGEST INVESTMENT MODERNIZED FOR THE FUTURE?

**Without the right digital infrastructure, today's buildings won't meet tomorrow's expectations.**

As a building owner, you're always looking for ways to increase the value of your property, attract and retain good tenants, and maintain 100 percent building occupancy. Problem is, achieving these goals is an ever-changing challenge. The building industry is undergoing a massive transformation that is redefining how occupants interact with their buildings. To be truly modern, buildings need to deliver better occupant experiences, enhance well-being and become hyper-efficient. They need to adapt to emerging smart IoT technology in our rapidly evolving, digital environment and leverage automation to increase operational and energy efficiency.

The good news is, a smarter, connected building — and the potential it delivers to all levels of your organization — is within your reach.

Smart, connected buildings are good for people and good for business. And with **EcoStruxure Connected Room Solutions** from Schneider Electric, you can deliver the room of the future – today.

## MAXIMIZE BUILDING AND PEOPLE PERFORMANCE

**EcoStruxure Connected Room Solutions deliver increased efficiency and personalized comfort.**

Connected Room Solutions from Schneider Electric enable the Internet of Things to deliver a host of services for more efficient, responsive and engaging buildings.
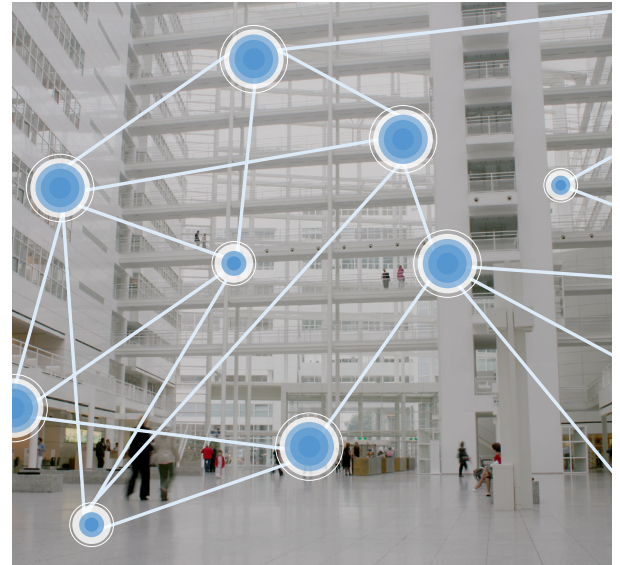
A connectivity hub for efficiency and personalized occupant experiences, these modular solutions create an ecosystem that easily integrates all systems and IoT devices in new or retrofit buildings. It starts with room control that extends easily from HVAC to lighting, blinds with the option to add-on smart workplace services. The solution includes modern room sensors, integrated wireless technologies, an office occupant mobile app, and the EcoStruxure Building Operation which offers the platform to deliver a full scope of benefits.

Built on an open platform, Connected Room Solutions are comprehensive offers that expand to the entire occupant experience, while putting in place an end-to-end IP infrastructure that is flexible to grow and adapt with your building and its occupants' dynamic needs.

## EXPERIENCE AN OPEN IP SOLUTION

Future-proof your investment with an open, flexible and resilient building infrastructure that will grow with you and adapt to your tenants' changing needs.

» **People-centric:** Attract tenants and enhance occupant productivity,satisfaction and well-being with room comfort control; add more services such as wayfinding and touchless navigation.

» **Extensible:** Expand from HVAC, lighting and blind control, and more with just one engineering interface; easily add-on advanced services and applications, like space, occupancy and well being analytics.

» **Sustainable:** Increase building value and achieve certifications such as LEED, BREEAM and WELL with enhanced zone-level sensors and integrated granular energy metering.

» **Resilient:** Deliver a faster, more flexible and secure experience using the latest wireless technology and a platform built on an IP infrastructure.

» **Flexible:** Adapt to tenant floorplan reconfiguration needs fast and with minimal disruption using convenient rezoning tools & software.

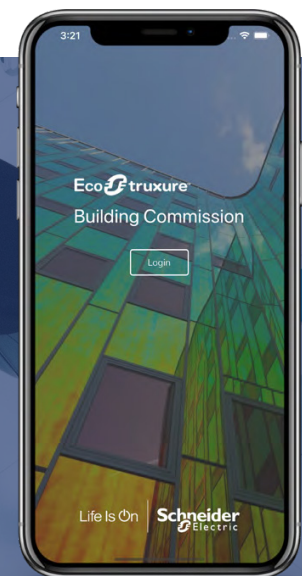Is your building keeping pace with the changing demand of tenants and occupants?

Address their needs while maintaining operational and energy efficiency with EcoStruxure Connected Room Solutions.

## REVOLUTIONARY ADVANCES EASILY ACHIEVED

EcoStruxure™ Connected Room Solutions enable management of HVAC, lighting, blinds and other smart workplace services applications.

Central to this revolutionary technology is the new SpaceLogicTM RP Controller, a modular BACnet/IP-based device with native web-services, Bluetooth and optional Zigbee connectivity that enables control of multiple systems in a room, while serving as an IoT hub for all connected devices in your building. Connect the controller to expansion modules and wireless sensors to adapt ventilation and temperature based on occupancy, control lighting and blinds, monitor indoor air quality, window and door status, manage scene settings, and add on valuable services. Easily capture and learn from the data in those connected devices to improve the efficiency of your building.

With Connected Room Solutions, you can take a modular approach to your building and adapt room and floor plan configurations easily with a convenient rezoning feature. Plus, you can get down to business faster with easily downloadable standard applications and EcoStruxure™ Building Commission app, which enables your facilities staff to commission controllers ladder-free with minimal disruption to occupants' day-to-day activities.

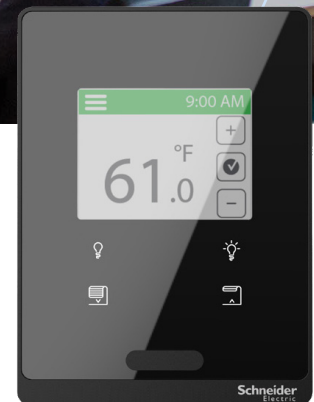# ENHANCE EFFICIENCY, FUNCTIONALITY, AND OCCUPANT EXPERIENCE

**Increase productivity through higher employee satisfaction with the EcoStruxure™ Building Engage App**

The EcoStruxure Building Engage mobile application ensures the conveniences enjoyed at home are available in the workplace. Tenants and their employees can personalize work environments using their own smartphones to individually control comfort preferences in meeting rooms and offices. Available in multiple languages, the Engage app also lets you offer other value-added services, like indoor/outdoor maps to make wayfinding easier, personalized communications, as well as many other conveniences.

## Enjoy one-touch control and a pleasing appearance with SpaceLogic Sensors

Achieving the perfect room conditions based on individual preferences has never been so easy or attractive. SpaceLogic Room Sensors provide convenient HVAC, lighting and blind touch control and task-based scene settings in a single unit. Sleek Optimum sensor housings feature a glass touchscreen face and smooth surrounds in black, white, and matte white finishes to enhance any room aesthetic.

## Gain more insight, and enhance room ambience with the SpaceLogic Multi-Sensor

Using iBeacon Bluetooth beacon signals to enable mobile device positioning, these sensors combine room occupancy detection with HVAC and light-level management. Use with Building Operation software to enable daylight harvesting when natural light is detected, and adjust for warm or cool lighting for circadian benefits to enhance occupant productivity.

**Increase flexibility with SpaceLogic Wireless Connectivity – Advanced**

Adapt easily to room set-up changes or configurations with a wireless ecosystem. SpaceLogic™ Wireless Expansion Modules provide simple and sophisticated lighting control, and require minimal wiring to interface lighting to the BMS. Wireless sensors are ideal for secondary control of indoor air quality; motion and occupancy monitoring; window and door status; and water leakage monitoring.



**Enhance performance with EcoStruxure™ Building Operation for effective and informed building management**

An element of EcoStruxure Connected Room Solutions, Schneider Electric's EcoStruxure Building Operation software is especially powerful for making information-based decisions from connected room data.

» Manage and optimize building assets with deeper levels of information for analysis

» Get compelling dashboards and visualization tools with access to more building data

» Meet increased cybersecurity and compliance needs

» Maximize investment with the Connected Room Solutions' floorplan rezoning feature*



\* Use with the SpaceLogic AS-P Automation Server