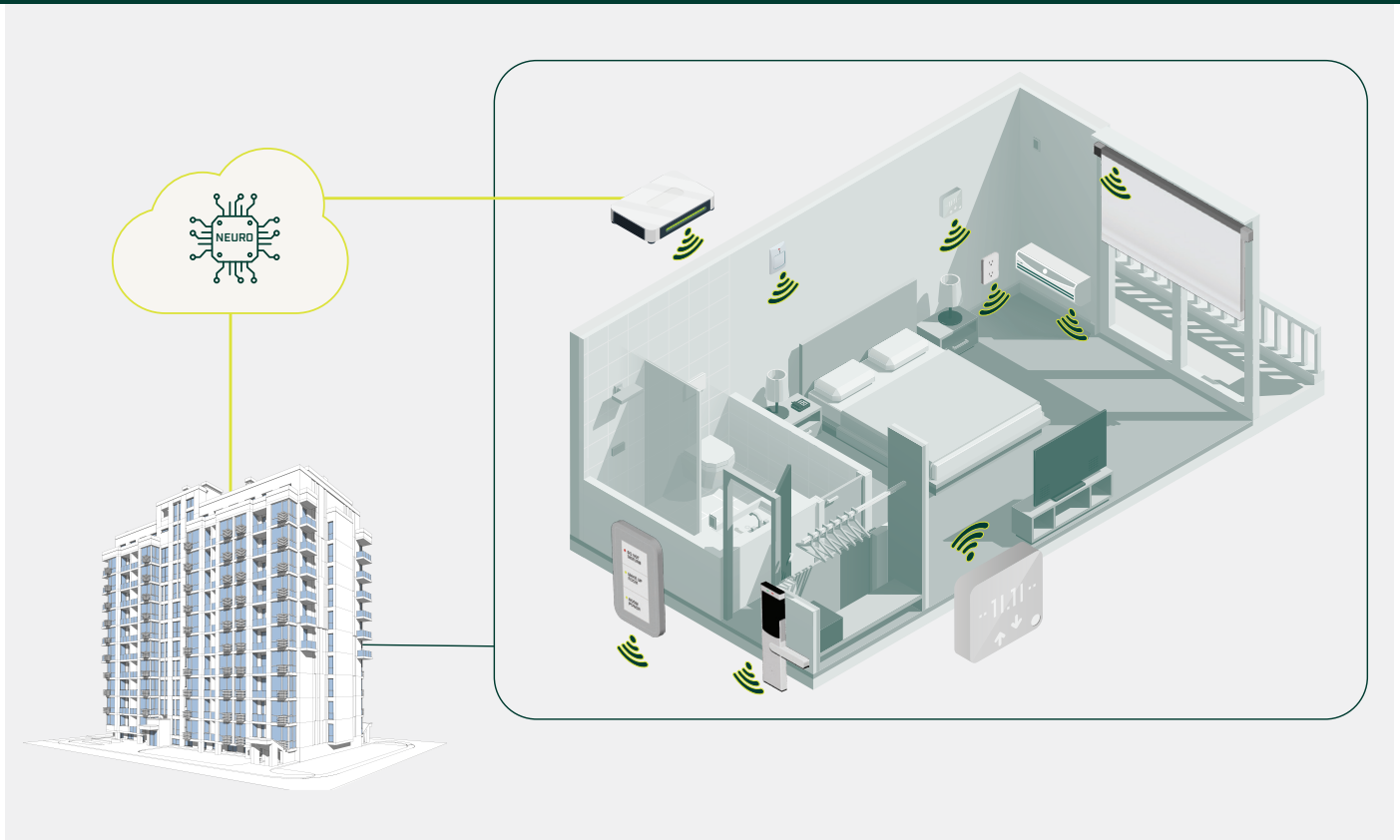


Guest Room & Energy Management Systems

Our Product? Partnership.

Smartcon partners with clients to deliver complete, hotel brand-compliant guest room management systems to dramatically reduce energy consumption, improve operation efficiency, meet sustainability goals, and create a more comfortable guest experience.



For hotels looking to stay competitive, enhance their sustainability profile, and achieve significant energy savings, partnering with Smartcon is a smart investment for the future.



OCCUPANCY DETECTION

Your energy management starts at the door. Here's how saving energy through occupancy detection could work for your facility: The door contact switch signals the room's thermostat, which acts as the "information center" that the room has become occupied, immediately adjusting temperature, welcome lighting and drapes adjustment. A Passive Infrared Sensor (PIR) continues to detect occupancy, assuring that the desired temperature is maintained. Conversely, shortly after detection of room vacancy, the door switch will adjust the room to a higher energy-saving mode, with the temperature effectively stabilizing at a predetermined, unoccupied state.



OCCUPANCY BASED ROOM CONTROLS

The Smartcon team will work closely with you to structure and implement an energy management system that works best for your facility and meets brand standards. Expertly installed and commissioned room energy controls can provide revenue savings of up to 45 percent per room, per year.

Our system allow operators and owners to remotely monitor ambient temperatures throughout your properties and get instant alerts when temperatures exceed predefined thresholds.

BENEFITS

- Promote guest comfort by ensuring optimal indoor environmental conditions
- Prevent mold and mildew growth to ensure healthy indoor environments for staff and guests
- Proactively identify and address HVAC anomalies to ensure optimal system functionality and efficiency
- Avoid structural damages caused by excessive moisture
- Integrate with PMS management system
- Saves energy, up to 45% per room. Our solution provides building management with ultimate control over energy consumption, yet maintains guest comfort. The solution increases operational efficiencies. The typical ROI is 2-3 years.
- Indoor Air Quality (IAQ)
- Sustainability
- Operational efficiencies



BUILT-IN IOT INFRASTRUCTURE

At Smartcon, we redefine the concept of a "converged network" with our Cloud-based IoT infrastructure. This innovative solution empowers hotel owners and operators to build on their strategic investment by integrating multiple IoT sensors and applications into a single, cohesive system, rather than spending on isolated, siloed infrastructures. This bolt approach continually reduces the Total Cost of Ownership throughout the IoT platform life-cycle—from design to deployment to service.

INTEGRATIONS

API INTEGRATION

In addition to the integrated guest room management functions, our APIs provide data from equipment running on our infrastructure.

BUILDING AUTOMATION SYSTEM

Our systems can connect the hotel's guest room management system to the Building Automation System to allow for greater visibility, control, energy savings, and data capture.

INDOOR AIR QUALITY (IAQ)

Indoor Air Quality (IAQ) monitoring in hotels has become a critical component of ensuring guest comfort, health, and safety. By continuously tracking factors such as temperature, humidity, mold, particulate matter, and volatile organic compounds (VOCs), hotels can maintain optimal air quality, reducing the risk of respiratory issues and improving overall guest satisfaction. Real-time IAQ data allows hotel operators to proactively address potential problems, prevent the buildup of allergens, and enhance ventilation systems, leading to a healthier indoor environment.

BMS LITE

NeuroCore BMS Lite solution offers a streamlined, cost-effective approach to building management systems, providing essential monitoring and control features without the complexity or expense of a full-scale BMS. Designed for properties seeking to optimize energy efficiency and operational oversight, BMS Lite leverages Neuro's powerful cloud-based platform to deliver real-time data and insights into key building systems. This scalable solution empowers facilities to enhance comfort, improve efficiency, and reduce energy costs—all while offering the flexibility to expand capabilities as property needs grow.

DND/MUR

Guest privacy and convenience can be maximized through the integration of Do Not Disturb and Make Up Room (DND/MUR) commands. Smartcon can integrate customized exterior corridor and in-room controls that compliment your property's décor and ensure guest comfort and hotel staff efficiency.

GUEST ROOM LIGHTING

GRMS incorporates lighting control features for guest experience and energy management, including check-in and check-out via the PMS, occupancy sensing, and energy efficiency compliance per Commercial Energy Code / Title 24.

GUEST ROOM LOCK INTEGRATION

Electronic door locks integrate with our GRMS solutions and support occupancy detection when they open and close. They can even have room temperature return to setpoint only when guests enter, not housekeeping or maintenance. Locks can ride on the GRMS network, so there is no need for a separate network infrastructure.

HOTSOS INTEGRATION

HotSOS is a comprehensive service optimization software solution designed to streamline workflows, automate communications, and improve operational efficiency across various industries. The platform enables the automation of tasks such as scheduling maintenance, generating work orders, and conducting inspections, reducing reliance on manual processes and enhancing accuracy. It centralizes user information, empowering staff to better understand and address individual preferences and needs, ultimately improving overall service quality and user experience.

IN ROOM SAFE INTEGRATION

Integrating your property's guest room safes with a property management system has shown to be a positive factor in reducing room security maintenance costs and liability issues, as opposed to non-integration. Bringing safes online through automated technologies provides an increased level of security by generating a verification footprint of when and by whom a hotel safe is accessed.

MINI BAR INTEGRATION

As independent third party software integrators, Smartcon is experienced in the commissioning of guest room mini bar technologies. This automated application has become an industry standard, providing staffing relief, loss reduction, tracking reports and a streamlined check-out process.

MOBILE HOSPITALITY INTEGRATIONS

Today's hotel guest brings an average of three connected devices with them during their stay. This is a great opportunity to tap into their already existing habits that will provide a more engaged experience. Working in conjunction with various mobile software platforms, the app literally puts the controls in the guests' hands. The app can also be designed to easily integrate with your existing guest loyalty application, providing a seamless interaction with the hotel branded content. To top it off, you can pre-program rooms to a loyal guest's preferred settings during their stay, and potentially capture an even more loyal customer.

PROPERTY MANAGEMENT SYSTEM

Integrating Guest Room Management Systems (GRMS) with the Property Management System (PMS) allows hotels to optimize energy savings by more accurately determining room occupancy status. The GRMS can adjust thermostat settings based on whether a room is sold or unsold, leading to significant energy savings, particularly in unsold rooms. The integration enhances guest comfort by pre-conditioning rooms before guest arrival and can result in energy savings of 5-15%, depending on climate and occupancy rates

SMOKING MARIJUANA DETECTION

Integrate a comprehensive solution for monitoring and managing disruptive activities such as marijuana use, cigarette smoking, vape, and excessive noise. With advanced sensors, a detector can accurately identify smoke and odors from both tobacco, vape, and marijuana, helping hotels enforce non-smoking policies/fines and maintain a fresh, odor-free environment. The system's noise detection feature alerts staff to disturbances, ensuring a quieter experience for guests and reducing the risk of negative reviews.

VOICE INTEGRATION

The Hospitality industry must continue to keep pace with an ever changing technology-capable landscape. The ability to manage in-room temperature, lighting, entertainment and other amenities via voice control provides guests with a personalized, convenient system that powers their environment. Voice control integrations also generate data analytics that can improve operational efficiency and ultimately revenue savings.