

SMART SOLUTIONS FOR SMART HOTELS



SPICA Hospitality

The hospitality industry is evolving, and hotels need to keep up with new technologies to stay competitive. **SPICA Hospitality** provides modern solutions that boost efficiency, reduce costs, and create a seamless experience for both guests and staff.

With smart energy management, advanced access control, and automated staff scheduling, your hotel can operate more efficiently while embracing technology that protects the environment and saves energy.

- Optimized energy consumption
- Enhanced security and seamless room access
- Digitalized hotel staff management
- Integration with existing system



ENERGY MANAGEMENT

Hotels consume large amounts of energy for heating, cooling, and lighting. Systems use advanced sensors and algorithms to reduce energy consumption without compromising guest comfort.

GUEST ROOM ENERGY MANAGEMENT SYSTEM

Guest Room Management System (GRMS) offers complete room automation, optimizing energy use and enhancing guest service. Using **advanced occupancy-based algorithms and sensors**, it adjusts energy settings based on room occupancy, reducing costs and promoting sustainability.

INTEGRATIONS

Smart Locks

We are partners with top lock vendors to deliver integrated, advanced security solutions.

HVAC

INTEREL connects to your preferred HVAC system through multiple industry standards for seamless control.

Building Management System

Seamlessly integrate with your BMS using industry-standard protocols to optimize building operations.

Lighting & Power

Our energy management system acts as a master switch in retrofits, while the Maestro Series provides centralized power control for new constructions.

Curtains & Blinds

Whether wired or wireless, our system integrates effortlessly to control natural light in your space.

Sensors

Enhance awareness with motion, light, door/window status, leak detection, and power consumption sensors.

Endless design options - Choose from 700+ RAL colors - Design your own user experience

How to spot solutions designed specifically for hospitality?

Self-Explanatory Room: Zero Learning Curve

Large Icons

14mm diameter, 50% larger than the closest competitor.

Full-Body Icon Design

Unique in the industry, unmatched since 14 years.

Legible Text

Every icon has easily readable text in large fonts.



OTHERS

Easy to See? NO!

outline icons without text.
Turn on the light?
Put your glasses on first!



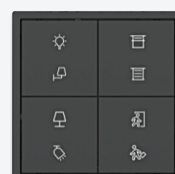
Easy to Use? NO!

Subtle but critical difference between residential and hospitality-focused products.



Curtain Controls and Suite Rooms?

Trade-off between available space on bedside, cost and guest experience.



EOS - smart thermostat

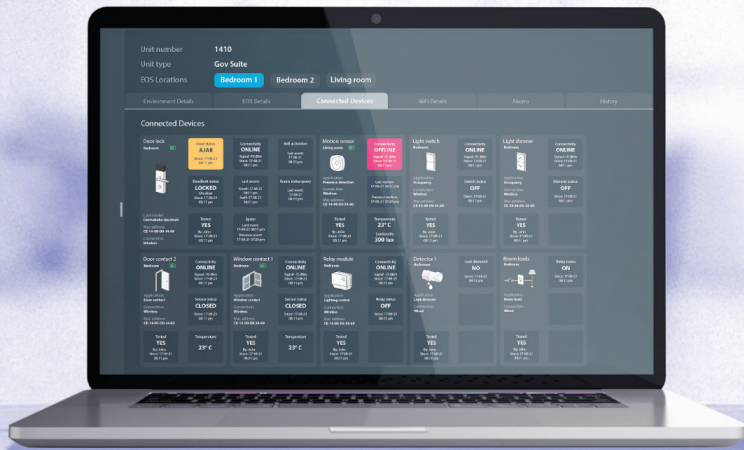
EOS is an advanced energy management platform that reduces energy waste and costs while maintaining an award-winning design and cutting-edge technology.

- Most integrated IoT thermostat - EOS supports multiple protocols (BLE, ZigBee, Thread, WiFi) for seamless smart building integration.
- Easy & error-free setup - The EOS Installer App enables fast commissioning via INTEREL Cloud, requiring only a unit number for configuration.
- Intuitive user experience - Designed with usability in mind, ensuring a short learning curve for users.
- Advanced occupancy sensing - Built-in sensors detect occupancy and activity, improving efficiency with over-the-air (OTA) updates.
- Future-proof with OTA updates - INTEREL OS enables continuous feature upgrades and performance improvements without hardware changes.

5 Steps to implement EOS in your property



EOS2



Room status and occupancy data are visible in INTEREL.io

Door lock integration

EOS's integrated wireless connectivity serves as an Internet of Things infrastructure for locks, allowing your hotel to take advantage of these features at a lower cost and with less effort.



SECURITY & ACCESS - ASSA ABLOY VINGCARD HOTEL LOCKS

Contactless door access

RFID technology enables **contactless door unlocking**, extending the lifespan of electronic locks, improving efficiency and reliability, and providing guests with **enhanced security and convenience**.

Compatibility & Connectivity

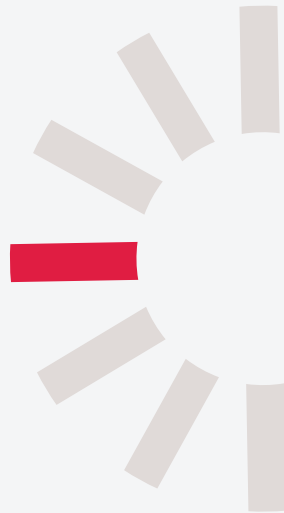
A key feature of modern hotel access control systems is **seamless integration** with **smart room solutions** like **Interrel - Hotel of Things**, ensuring a connected and efficient guest experience.

Mobile key

NFC and **Bluetooth Low Energy (BLE)** technologies allow guests to **unlock doors using their smartphones**, adding extra convenience and flexibility.

Mobile Key

- Seamless guest experience - redefines convenience with secure, contactless access.
- Advanced security - uses ASSA ABLOY's Seos key technology for encrypted digital key transmission.
- Encrypted communication - ensures safe delivery of room key and number via secure channels.
- Instant room access - guests unlock doors by simply tapping their smartphone on the lock reader.
- Unauthorized access prevention - minimizes the risk of security breaches with advanced encryption.



Vingcard Essence

integrates all lock components inside the door for a sleek, minimalist look. Mobile Access-ready by default, it lets guests use their phones as room keys anytime.

Signature is a sleek, modern lock ideal for new builds and retrofits. It supports Mobile Access, various handle designs, and both wireless and PoE connectivity.

Novel is a durable, eco-friendly lock with RFID and Mobile Access support. Certified for safety and performance, it's built for all conditions and offers a battery-free option.

Workforce management for hotels

Hotel managers face daily challenges in shift scheduling, staff fluctuations, and tracking working hours. **Dynamic Scheduling is professional work schedule planning solution** which simplifies scheduling and reduces costs.

Key challenges:

shift management

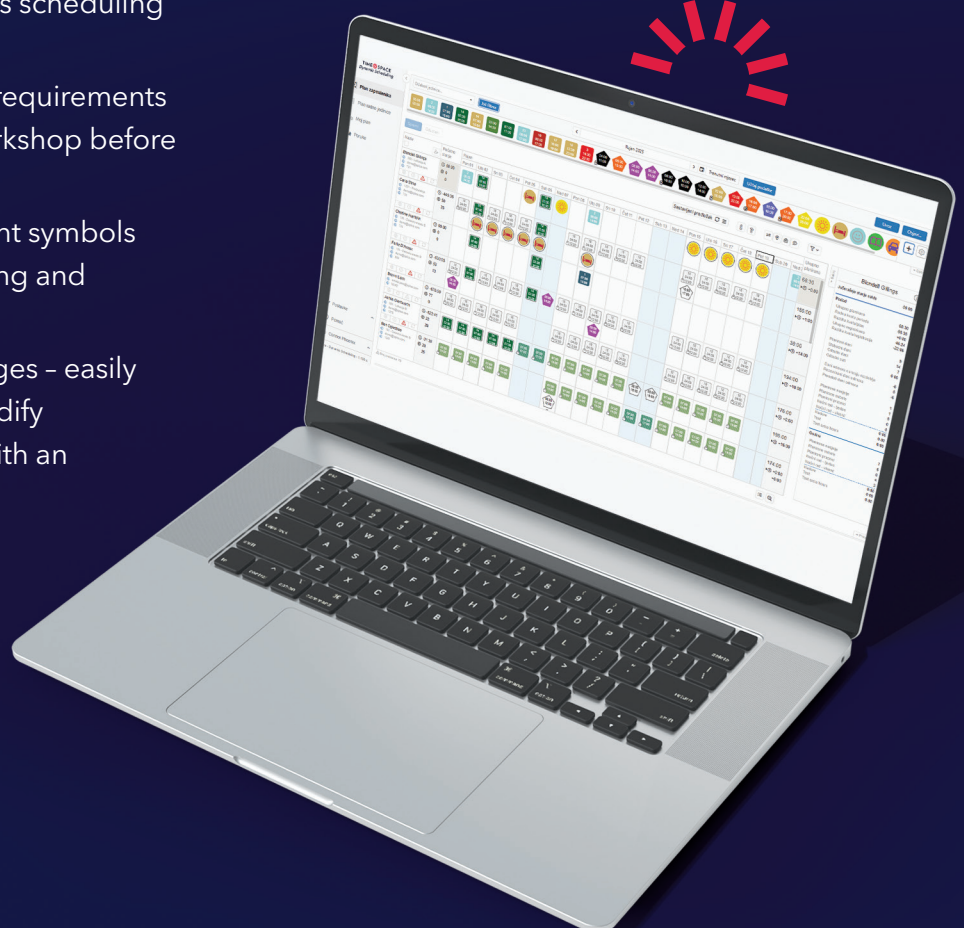
absence and
attendance tracking

compliance with
legal regulations

overtime
optimization

Main benefits:

- Easy scheduling and clear work schedule overview.
- Automatic compliance with legal regulations and GDPR.
- Reduction of labor costs and planning time.
- Individual and group data entry.
- Automatic alerts - prevents scheduling conflicts with labor laws.
- Simple implementation - requirements are defined through a workshop before software installation.
- Intuitive interface - different symbols and colors simplify planning and tracking changes.
- Quick adaptation to changes - easily replace employees or modify shifts with a single click, with an automatic audit trail ensuring GDPR compliance.



Smart back-of-house solution: DoorCloud

In the hospitality industry, managing back-of-house security is just as critical as front-of-house operations. With staff turnover, restricted areas, and the need for real-time access control, hotels face challenges in ensuring only authorized personnel enter sensitive areas like storage rooms, offices, and service corridors

DoorCloud offers:

Mobile-first access -

no more lost keycards; staff can use their smartphones to unlock doors.

Real-time monitoring -

instantly track who enters restricted areas and adjust permissions remotely.

Cloud-based control -

manage access from anywhere, with no need for on-site servers.

Increased security -

ensure only authorized personnel access sensitive locations.

Seamless integration -

works with existing systems for a hassle-free transition.

Audit trails and reporting

keep detailed logs of access events for full transparency and compliance.

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