# Enabling smarter,
# safer experiences
# for your hotel guests



The power behind **your mission**

Johnson
Controls

Johnson Controls

# Providing comfort to the guests



With Johnson Controls integrated technologies and solutions it is possible to connect to the resources, systems, devices and services for hotel monitoring, analysis and control, and to increase operational efficiency and the productivity of personnel. Johnson Controls combines advanced technology with extensive expertise providing integration of necessary functions such as Guest Room Management, HVAC, lighting, energy management and complete building management systems to meet the unique requirements of hotels.

JCI GRMS solutions negate the need for specialist operators for individual systems thereby reducing overhead costs. The user-friendly graphical interface allows front desk staff to interpret and respond to alerts, notifications, emergencies and housekeeping calls through a standard platform. Real-time information such as room status, presence of a guest or housekeeper in the room, make-up room or do not disturb requests can be monitored and action taken directly through the GRMS software.

**Hotels come in all shapes and sizes and they come with a unique set of challenges. They feature a variety of open plan communal areas in addition to multiple private occupancy rooms. They are highly complex and energy intensive environments. Ultimately though hotels need to provide their guests with the highest levels of satisfaction and comfort while optimizing operational efficiency.**

**Our room automation solutions give hotels a huge advantage, empowering them to:**

- Improve guest control
- Enhance guest experience and satisfaction
- Improve building performance
- Reduce the workload for staff

# An unrivalled spectrum of solutions and services

Johnson Controls designs intelligent, energy efficient solutions, integrated infrastructure and security solutions that work seamlessly together to deliver on the promise of smarter, safer and more efficient hotels. Our unrivalled spectrum of innovative products is complemented with expertise in installation, service and systems integration.
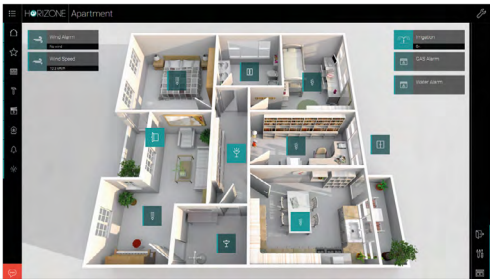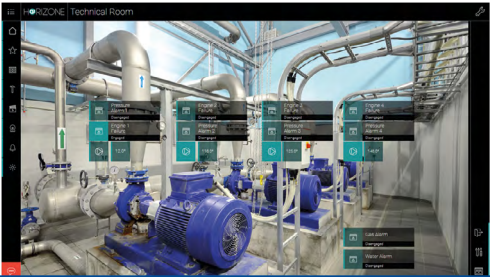
Customers benefit from our wide range of solutions and products – a one-stop-shop for the entire lifecycle of their buildings and facilities. In the hotel sector, this includes efficient working facilities, asset security and fire protection, evacuation systems and the ever-evolving field of data management.

Hotels often need to integrate multiple layers of communication and security systems – from fire alarms to selective notifications, from staff call to intruder alarms. By integrating all installations and information, hotels can increase efficiency, improve daily processes and save on operational costs.

Our vision is to create a safe, comfortable and sustainable world. We deliver technology and expertise that helps the world progress and helps our customers win everywhere, every day - all whilst adhering to our core values:

- Stand-alone and/or holistic systems delivering greater efficiency and return on investment

- Fire, safety and security solutions that meet your unique industry requirements

- Protection of your assets, property, personnel and customers

# Comprehensive solutions

Johnson Controls designs energy-efficient hotel buildings and offers advanced air-conditioning systems to enhance sustainability, energy use and guest comfort. We provide an exceptional range of products fitted with intelligent controls and monitoring systems from standardized "plug and play" units and packages, to complete customized installations ensuring each system is the best fit for your hotel. Hotel guests expect a peaceful environment. Furthermore, hotels are normally situated in city center locations where low sound performances are very important with regards to the surrounding buildings or residential areas. Johnson Controls' HVAC solutions deliver industry leading sound performance, ensuring your guests and neighbors aren't disturbed.

## Guest Room Management & Metasys Building Automation System

Enhance guest experience, increase efficiency and reduce costs.

1. Building Management System
2. Metasys hotel management & reservation system interface
3. Guest room management (lights, air condition, etc.)
4. Occupant Control apps (Lighting control, HVAC, Curtains and shutters, etc.)
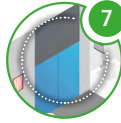
## Intelligent Lighting & Energy Management

Enabling smarter and more sustainable buildings by using energy management and storage.

5. Lighting Control System Applications
6. Smart thermostat with occupancy sensor
7. Sun-blinds
8. Smart Lighting
9. Energy Storage

## Safety & Security

Ensure people and asset security all the time.

10. Digital CCTV surveillance
11. Fire evacuation
12. Emergency lighting
13. Access controls (doors, gates, elevators)

## HVAC

Bring comfort to your guests with our HVAC solutions.
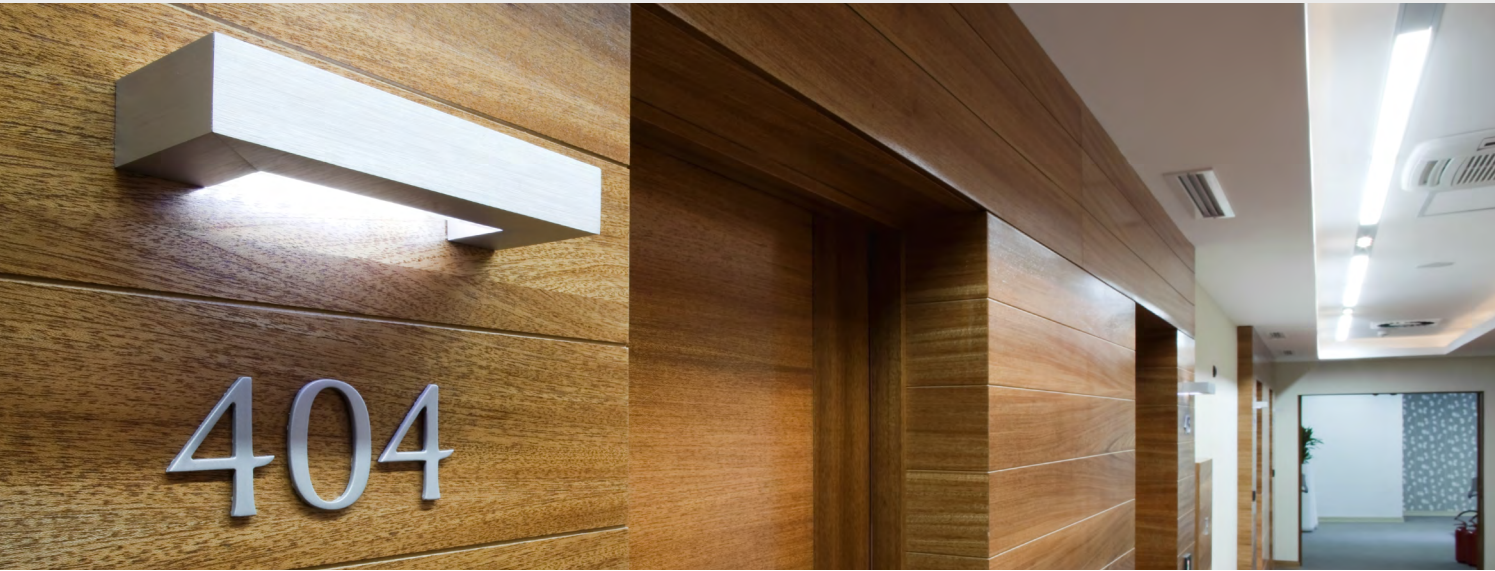
14. Room controls, sensors, actuators
15. Rooftop evaporators
16. Air quality & humidity controls
17. Watercooled chiller

## Smart solutions

JCI GRMS solutions use smart technology to detect guest presence or absence and control air conditioning, lighting, and other in-room systems to ensure they have the most enjoyable and comfortable experience possible during their stay. The system automatically switches to an energy saving mode when a room is unoccupied, and all non-essential services are turned off. Air conditioning, lighting and other services are re-activated at the previous settings once guest presence is detected, resulting in guaranteed guest comfort and energy conservation.

**Everything can be controlled to suit the activity of the occupant:**

## Hotels need smart systems that interact with guests to ensure their comfort and create an energy-efficient building, offering cost effective solutions to control lighting, entertainment, temperature, privacy and security.

## Guest Room Management

Guest Room Management System (GRMS) from Johnson Controls is designed to ensure an exemplary and gratifying experience for your guests. Our intelligent solutions are based on interactive technology that compliments the exceptional experience you want for your guests to ensure a comfortable and excellent stay.

Johnson Controls offers scalable, easy to use and cost-effective guest room management solutions to control lighting, entertainment, temperature, privacy and security in commercial buildings, student housing and in the hotel industry.

Our solutions offer your guests a unique, comfortable and personalized experience without complexities while meeting your cost reduction and higher efficiency goals. We place the power of intelligent building automation systems and your buildings at your disposal giving you complete visibility into all aspects of your business.

JCI GRMS solutions offer seamless integration with building automation systems (BAS) through KNX and IP protocols, empowering facility managers and owners with powerful real time data they can use to make decisions about operating strategies that maximize energy efficiency and improve the bottom line.

The user interface presents information in a simple, intuitive way on virtually any device, significantly accelerating the decision-making process for rapid returns on investment and higher productivity, while supporting quick identification and troubleshooting of potential problems.

## Elegant design

Your hotel reflects your individuality and is a unique identity that sets it apart from the competition. Aesthetic design creates a signature ambience and a memorable visual character that increases guest satisfaction and enhances the experience of staying in your hotel. Johnson Controls' customizable guest room management solutions offer a variety of designs and personalized graphics that appeal to the aesthetic sense without compromising on functionality and ease of use.
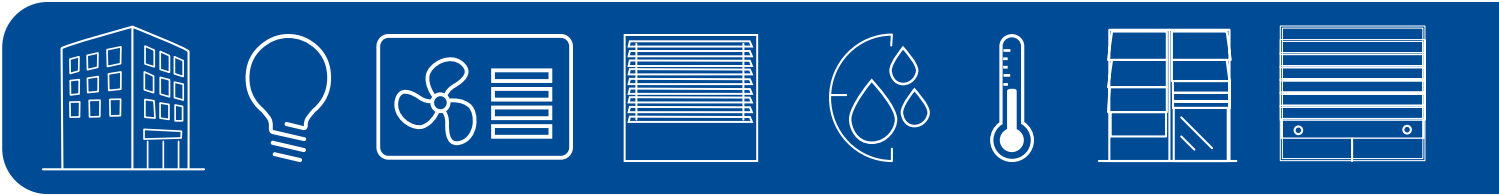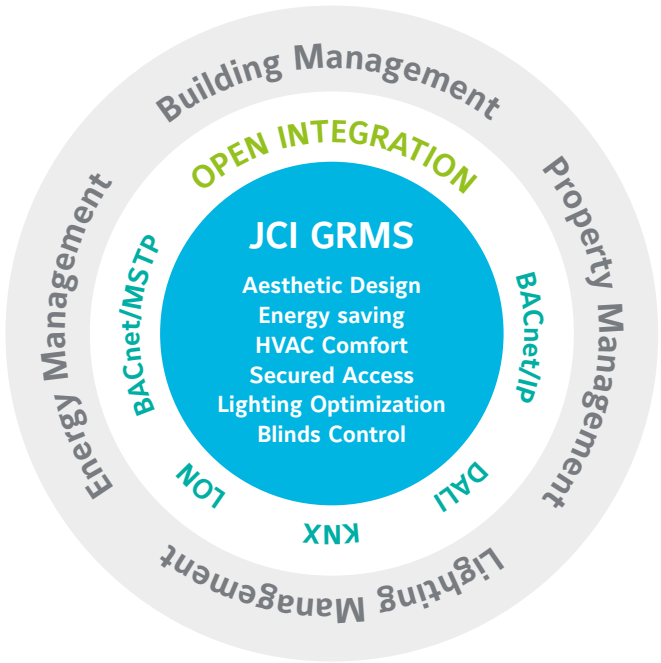
**Products and solutions natively-engineered for custom design. A world of materials, finishes and icons to optimize guest's experience and hotel's brand identity.**

## Metasys® Building Automation System

At Johnson Controls, our Metasys® Building Automation System is the foundation of modern building energy management efficiency. This intelligent, world-class technology system connects commercial HVAC, lighting, security and protection systems – enabling them to communicate on a single platform to deliver the information you need, allowing you to make smarter, savvier decisions while enhancing your guests' comfort, safety and productivity.

Building Management
OPEN INTEGRATION
Property Management
Energy Management
BACnet/MSTP
**JCI GRMS**
Aesthetic Design
Energy saving
HVAC Comfort
Secured Access
Lighting Optimization
Blinds Control
BACnet/IP
LON
DALI
KNX
Lighting Management

## Intelligent lighting

Hotels require flexible lighting solutions for wide range of different environments. Lobbies, bars, restaurants, stairwells, storerooms, car parks, conference rooms and the guestrooms themselves all have unique lighting requirements that are affected by access to natural light that varies from day-to-day and around the clock.

Human-centric intelligent lighting plays a huge role in overall comfort for hotel guests. Johnson Controls' lighting control system offers powerful, scalable and versatile solutions that integrate seamlessly with building automation systems to provide an excellent guest experience and effectively manage the energy consumed.

## About Johnson Controls Building Technologies & Solutions

Johnson Controls Building Technologies & Solutions is making the world safer, smarter and more sustainable – one building at a time. Our technology portfolio integrates every aspect of a building – whether security systems, energy management, fire protection or HVACR – to ensure that we exceed customer expectations at all times. We operate in more than 150 countries through our unmatched network of branches and distribution channels, helping building owners, operators, engineers and contractors enhance the full lifecycle of any facility. Our arsenal of brands includes some of the most trusted names in the industry, such as Tyco®, YORK®, Metasys®, Sabroe®, ZETTLER® and Sensormatic®.

**For more information, visit www.johnsoncontrols.com or follow us @johnsoncontrols on Twitter.**

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