

HCS<sup>®</sup>group

# WIRELESS TECHNOLOGIES

for a sustainable Hospitality

# WIRELESS SYSTEM

HCS VISION is a wireless building automation system designed to deliver an intelligent, elegant and sustainable experience in every type of hospitality environment. It is not simply an access control system, but an integrated platform that enables centralized management of access control, occupancy, lighting, climate control, service requests, room status and alarms — all through a single interface.

Thanks to ZigBee wireless technology, HCS VISION eliminates the need for complex wiring, invasive installations or additional devices, ensuring fast deployment and full respect for existing structures, including historic or architecturally valuable buildings. Designed and entirely manufactured in Italy, HCS VISION combines technological innovation, operational simplicity and energy efficiency, providing real-time control and optimized energy management.

**ONE SYSTEM.  
TOTAL CONTROL.  
INFINITE APPLICATIONS.**



# ENERGY EFFICIENCY

## ENERGY UNDER CONTROL

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HCS VISION intelligently optimizes the use of electrical energy and climate control, activating systems only when necessary and according to the actual occupancy of the room.

Thanks to occupancy monitoring and room operational status, invisible energy waste is eliminated — such as spaces being heated, cooled or illuminated without guests present.

Efficiency is not just a technical function, but a concrete operational advantage.

**COST REDUCTION.**  
**CENTRALIZED CONTROL.**  
**MEASURABLE SAVINGS.**





# ADVANCED SECURITY

## PROTECTION AND REAL-TIME MONITORING

HCS VISION integrates access control, occupancy management and alarm monitoring into a single platform.

Every event is recorded in real time, ensuring full traceability and complete operational visibility across the entire property.

The system allows the monitoring of door openings, unauthorized access attempts and technical anomalies, enabling timely interventions and more attentive management.

Security is not a separate element, but an integral part of the hotel's overall control system.

**PROTECTION FOR GUESTS.**  
**PROTECTION FOR STAFF.**  
**CONTINUOUS MONITORING.**

**DISCREET TECHNOLOGY.  
CONCRETE EFFECTIVENESS.**

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# SMART COMFORT

HCS VISION enhances the guest experience through intelligent and automated room management, without invasive interventions, operating discreetly and without altering the aesthetics of the property.

Thanks to its wireless architecture, the system integrates naturally into existing spaces, adapting to the hotel's configuration while respecting its identity and design.

Lighting, climate control and services are optimized according to the actual occupancy of the room, ensuring environments that are always comfortable and aligned with the property's standards.

**EASY INSTALLATION.  
SIMPLE MANAGEMENT.  
EFFECTIVE RESULTS.**

# SIMPLIFIED MANAGEMENT

HCS VISION does not simply introduce technology — it simplifies the operational organization of the property.

## GREATER OPERATIONAL EFFICIENCY

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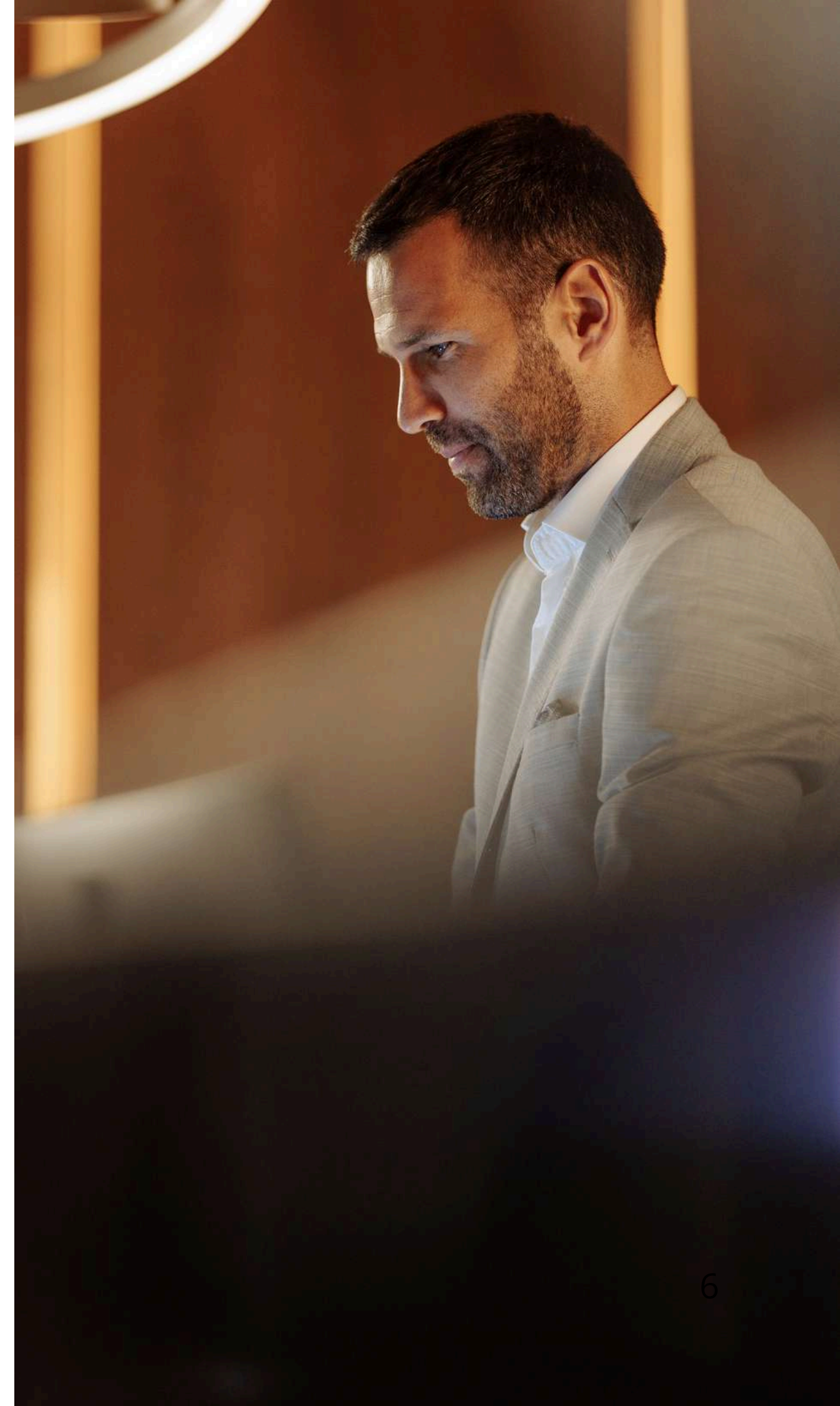
A single system eliminates the need for multiple platforms, separate interfaces and additional devices often required by traditional systems.

Room management operates intelligently, without the use of invasive presence sensors or fragmented solutions, reducing complexity, maintenance and potential malfunctions.

Staff operate through a single centralized platform. Management has access to real-time data for faster and more informed decision-making.

HCS VISION transforms technology into a practical operational tool — simple and sustainable over time.

**FEWER COMPONENTS.**  
**LESS TECHNICAL COMPLEXITY.**  
**GREATER RELIABILITY.**  
**TOTAL CONTROL.**





# HOW IT WORKS

# Wireless architecture

## THE ZIGBEE NET

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The system devices installed in the rooms and the VISION Software communicate through the VISION-CONNECT Gateway using ZigBee wireless technology, ensuring a stable, secure and encrypted network.

**ONE SINGLE SYSTEM.  
PROTECTED AND SECURE NETWORK.  
NO EXTERNAL INTERFERENCE.**



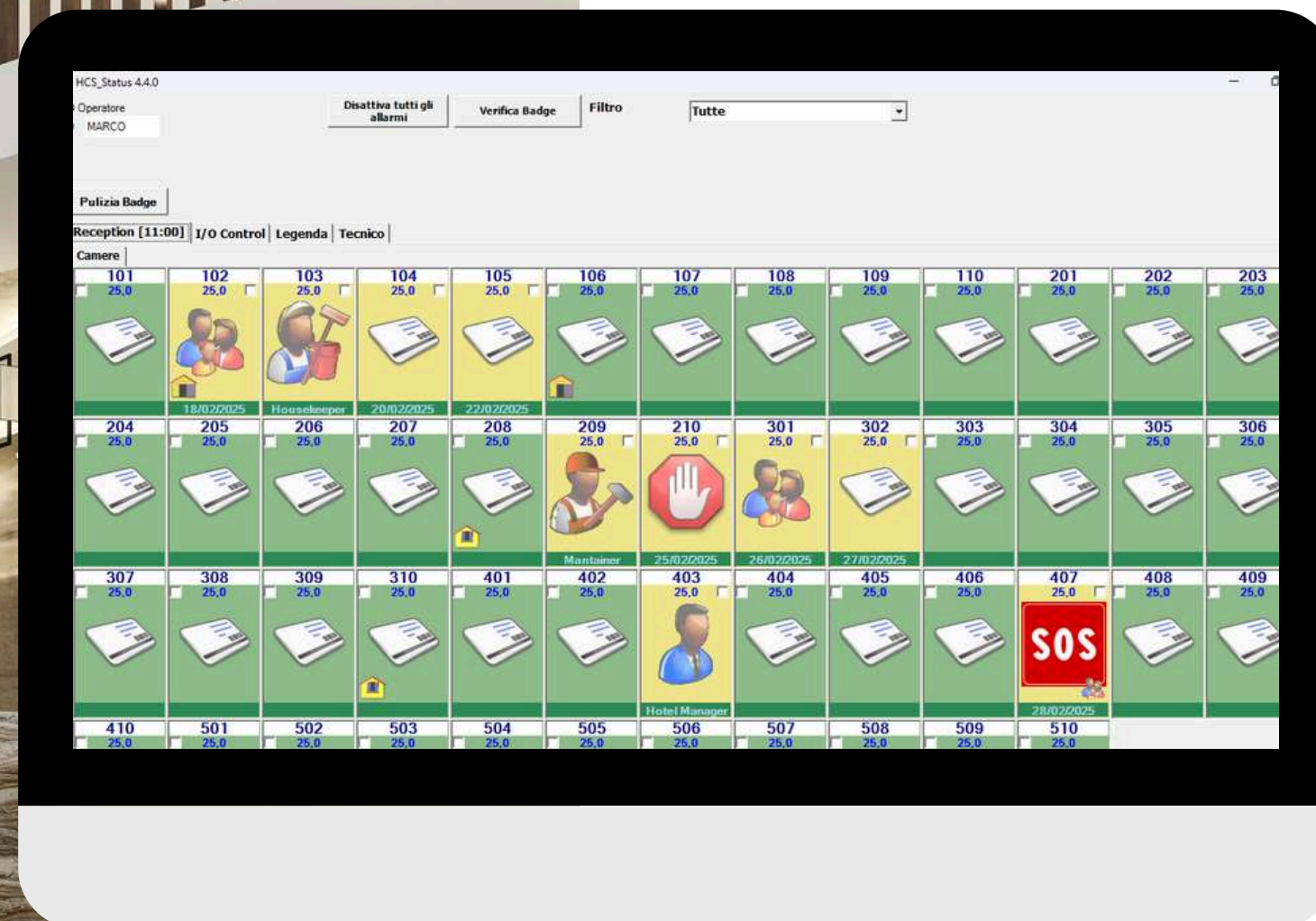
# Software Vision

## SMART MANAGEMENT

The VISION Software allows the entire property to be monitored and managed through a single intuitive platform. From the reception desk or management offices, through differentiated software access levels, it is possible, among other functions, to:

- View the status of each room in real time
- Monitor access and occupancy
- Control climate settings and energy consumption
- Manage technical alarms and notifications
- Optimize housekeeping and maintenance operations

**THE ENTIRE PROPERTY UNDER CONTROL.  
SIMPLE AND FAST OPERATIONS WITH A SINGLE CLICK.**



# In-Room devices

**WIRELESS ELEGANCE**

HCS VISION is composed of in-room touch glass devices designed to integrate discreetly into the environment:

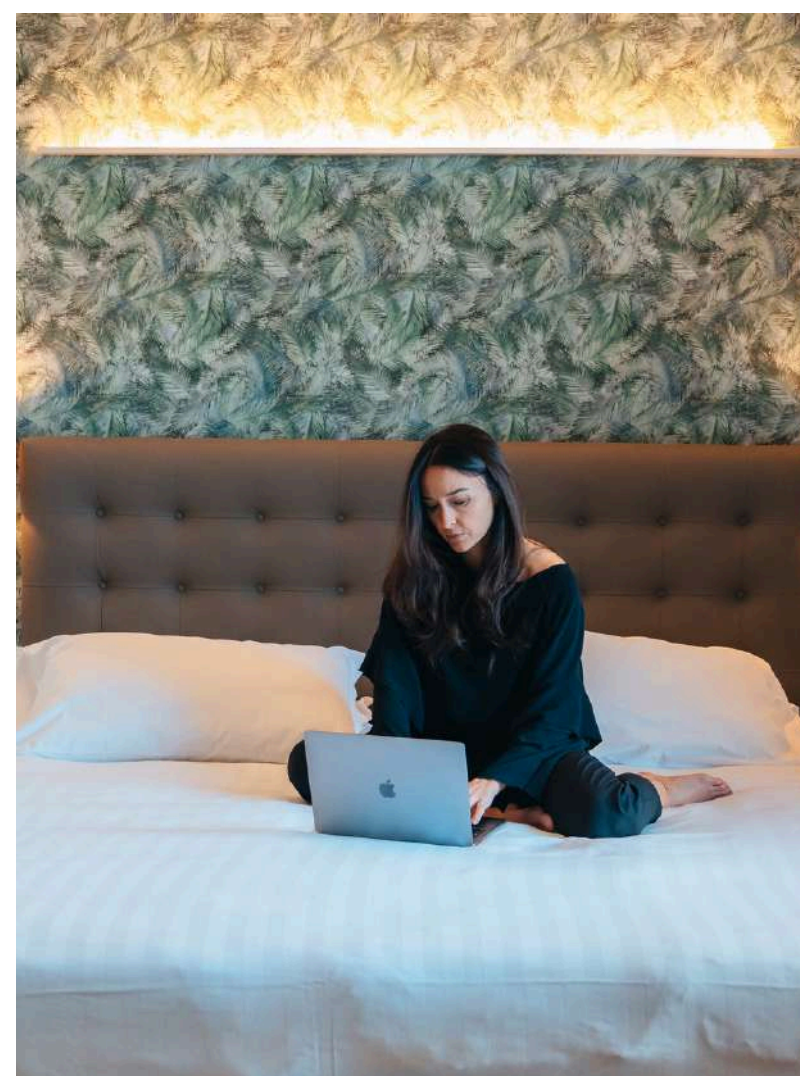
**EXTERNAL READER – ACCESS CONTROL**

**INTERNAL CARD HOLDER**

**THERMOSTAT**

**WINDOW SENSOR**

Each device communicates in real time with the central supervision system, enabling intelligent management, reduced energy waste and maximum operational efficiency. Discreet technology, non-invasive installation, perfect integration with the property's design.



# Applications



## INNOVATIVE TECHNOLOGY FOR HOSPITALITY

HCS VISION adapts flexibly to any hospitality environment, maintaining the same integrated logic of control and management.

### **HOTELS AND RESORTS**

Centralized control of guest rooms and common areas.

### **BOUTIQUE HOTELS AND HISTORIC PROPERTIES**

Non-invasive installation, without structural work.

### **HOLIDAY VILLAGES AND GLAMPING**

Wireless comfort even in independent units.

### **RESIDENCES AND APARTHOTELS**

Autonomous and intuitive management.

### **CRUISE SHIPS AND FERRIES**

Management of cabins and common areas even in complex and constantly moving environments.

The system can be implemented progressively and adapted to different layouts.

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