



FEEL SECURE



BUILDING AUTOMATION

**Smart Hospitality
Solutions:
Personalization and
innovation for a
unique experience.**

Efficiency, comfort and safety are essential in the world of hospitality. Our Building Automation solution based on the KNX standard enables the integration and management of all functions of a hotel while ensuring a superior stay and minimizing operational costs.

**SINCE 1956, COMELIT
HAS BEEN DEDICATED TO
TURNING OUR VISION OF
TOTAL SECURITY INTO A
REALITY.**

A Legacy of Leadership and Innovation

For nearly 70 years, we have been **recognised internationally** as a leader in door entry systems, celebrated for the quality, innovation, reliability, and ease of installation of our products.

Over time, we have expanded our expertise to encompass a **full range of security solutions**, including access control, fire safety systems, video surveillance, home automation and intruder alarms.

Our growth has been strengthened by strategic acquisitions, which, alongside our **research and development** centres in Rovetta, Bergamo, Tunis, and Paris, have established specialised hubs of expertise. These include PAC in the UK, Teletek Electronics in Bulgaria, Blueprint in Italy, and, most recently, Ingenium in Spain.

Today, our global footprint extends far beyond our Rovetta headquarters, **with 9 international subsidiaries, 8 research centres, over 1,000 employees, and a presence in more than 90 countries.** This robust structure enables us to deliver greater value to our partners and end-users alike, fulfilling our commitment to creating a safer world every day.

“The history of Comelit is shaped by the trust and confidence of those who have chosen us for their projects and achievements.”

SINCE **1956**

10
BRANCHES

90
COUNTRIES

1000
EMPLOYEES

8
R&D
CENTERS



Comelit offers the new Ingenium range of building automation based on the **KNX protocol**, designed for intelligent building and home automation. These solutions combine technological innovation with refined and customizable design, making them suitable for both large projects and the hospitality sector.

ingenium by COMELIT

KNX is the **open world standard** for all home and **building automation** applications: lighting, heating, ventilation, air conditioning, shading, security systems, monitoring, alarms, energy management, metering, appliances, audio/video, and many other applications. Its **interoperability** and standardization ensure that devices from various manufacturers can work together seamlessly, providing a **solid platform** for integrated **smart building control** and management.

With 62 percent of professionals integrating it into their projects, the KNX standard emerges as the most adopted solution in home automation, far surpassing the use of Wi-Fi (53%) and Bluetooth (31%).

Study conducted by Hiddenwires on 8000 professionals in EMEA - 2022

European Standard (**CENELEC EN 50090 e CEN EN 13321-1**)



International Standard (**ISO/IEC 14543-3**)



Chinese Standard (**GB/Z 20965**)



US Standard (**ANSI/ASHRAE 135**)



Ingenium

Comelit Group's new home automation innovation hub

Ingenium, with **more than 25 years of experience**, is now the Comelit group's **center of competence** for research and development of the Home & Building Automation range of products. The acquisition of Ingenium was a strategic step to integrate the group's extensive know-how and established manufacturing expertise. The company, based in Asturias, Spain, specializes in the development of home automation solutions, **100% designed and manufactured in-house**.



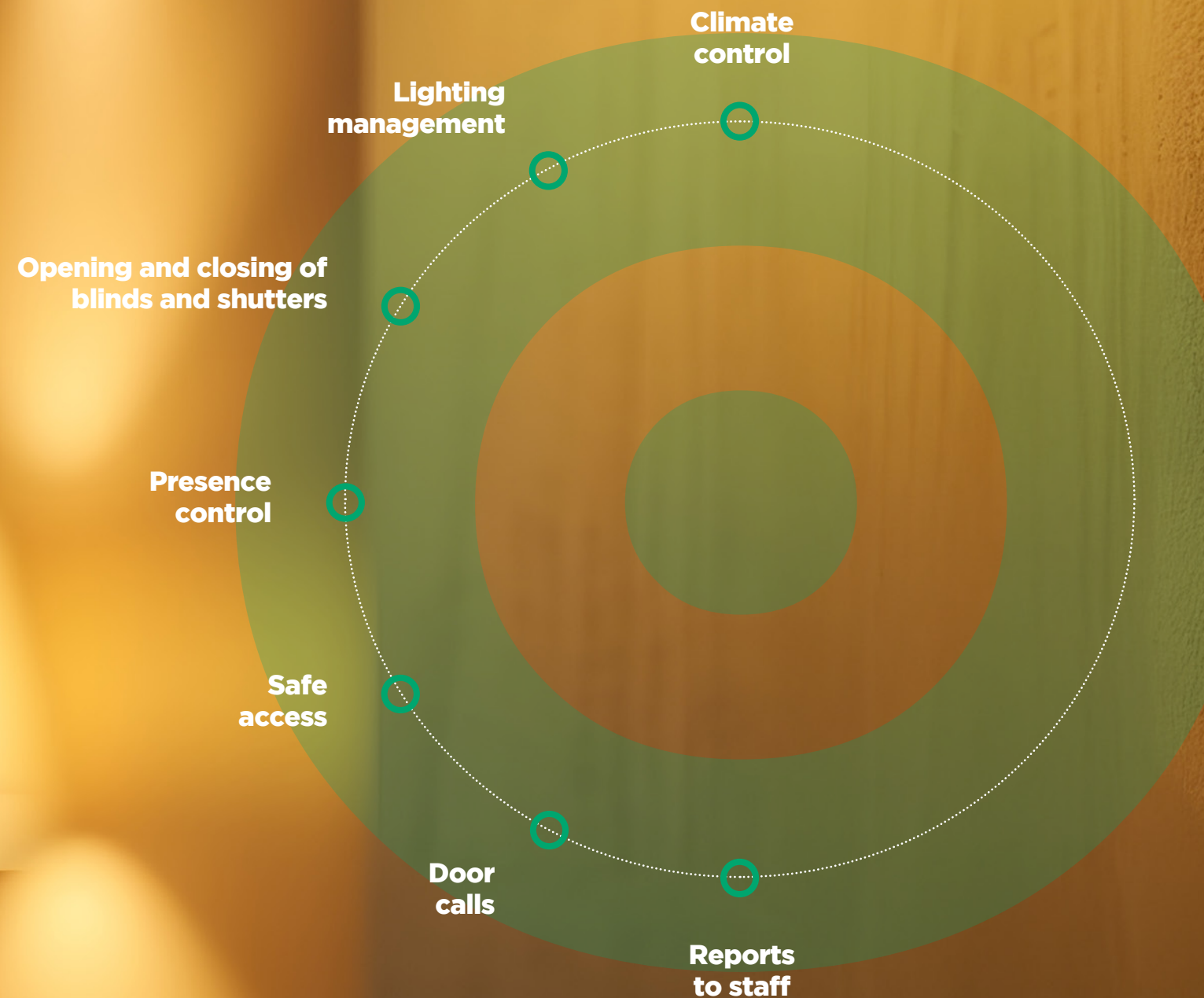
TAILOR-MADE INNOVATION.

Our suite of solutions offers technology and ease of use to meet every need with versatility. Each device features an intuitive touch interface designed to simplify daily operations and enhance the guest experience, elevating comfort and efficiency levels.

In an ever-evolving industry, our technology redefines room management, optimizing control of all functions through sophisticated and functional design. An integrated system that reduces costs and simplifies maintenance, offering an immediate response to industry needs.

A solution that meets today's needs and anticipates tomorrow's demands.

innovation



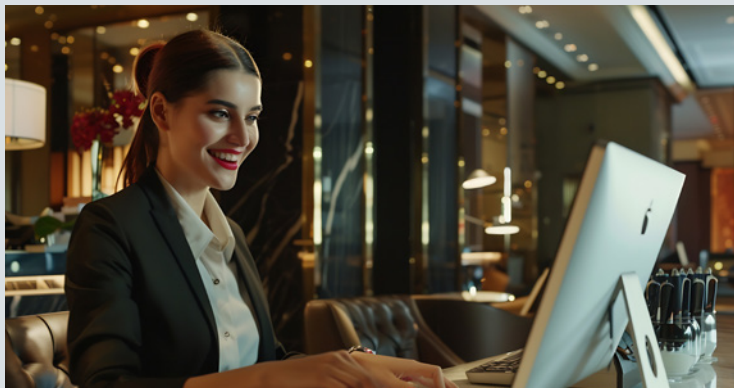
EVERY DETAIL COUNTS.

Ingenium by Comelit's KNX solution transforms rooms into advanced luxury spaces, offering complete and personalized control over every detail, from climate control to motorized blinds.

The system maximizes guest comfort, enabling thermal and lighting control and management of "Do Not Disturb" modes or room makeover services at the touch of a button.

With presence control and management software, you can optimize resources and monitor room occupancy in real time, simplifying maintenance. Our solutions fit any project, combining innovation, comfort and sustainability for an unparalleled experience of luxury and functionality.



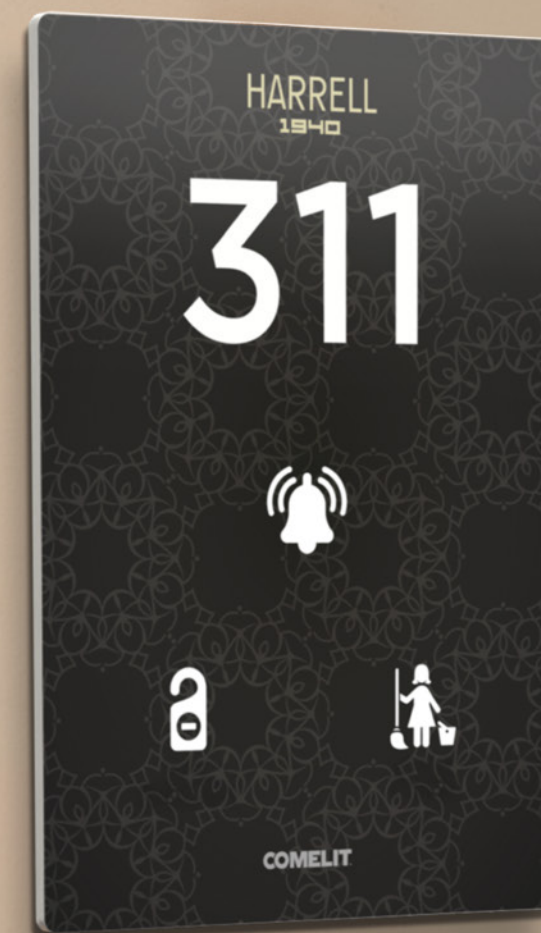


Out-of-door readers combine design and technology, blending harmoniously with the style of the hotel. The plates, laser-engraved and personalized with the room number, become a distinctive detail that enriches the interior design, transforming hallways into elegant spaces. The discreetly integrated touch doorbell adds modernity without compromising aesthetics, while “room to be redone” and “do not disturb” light alerts provide intuitive and quiet interaction, respecting guests’ privacy.

The RFID sensor ensures exclusive card and passkey access for staff, providing security and operational efficiency in room management. This solution combines luxury, comfort and technology, fitting perfectly with the hotel design.



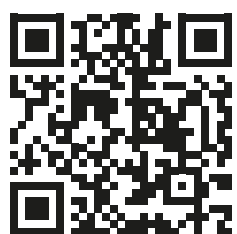
**AESTHETICS TO THE
MAXIMUM, RISKS TO
THE MINIMUM.**



Design

TURN DETAILS INTO MAIN FEATURES: TOTAL CUSTOMIZATION FOR UNIQUE ENVIRONMENTS.

Try it
now!



Imagine integrating aesthetics and functionality into your designs, with controls that not only meet technical requirements but also add a distinctive touch to environments. With our advanced customization solutions, every detail of your devices can be transformed into an element that speaks the language of design.

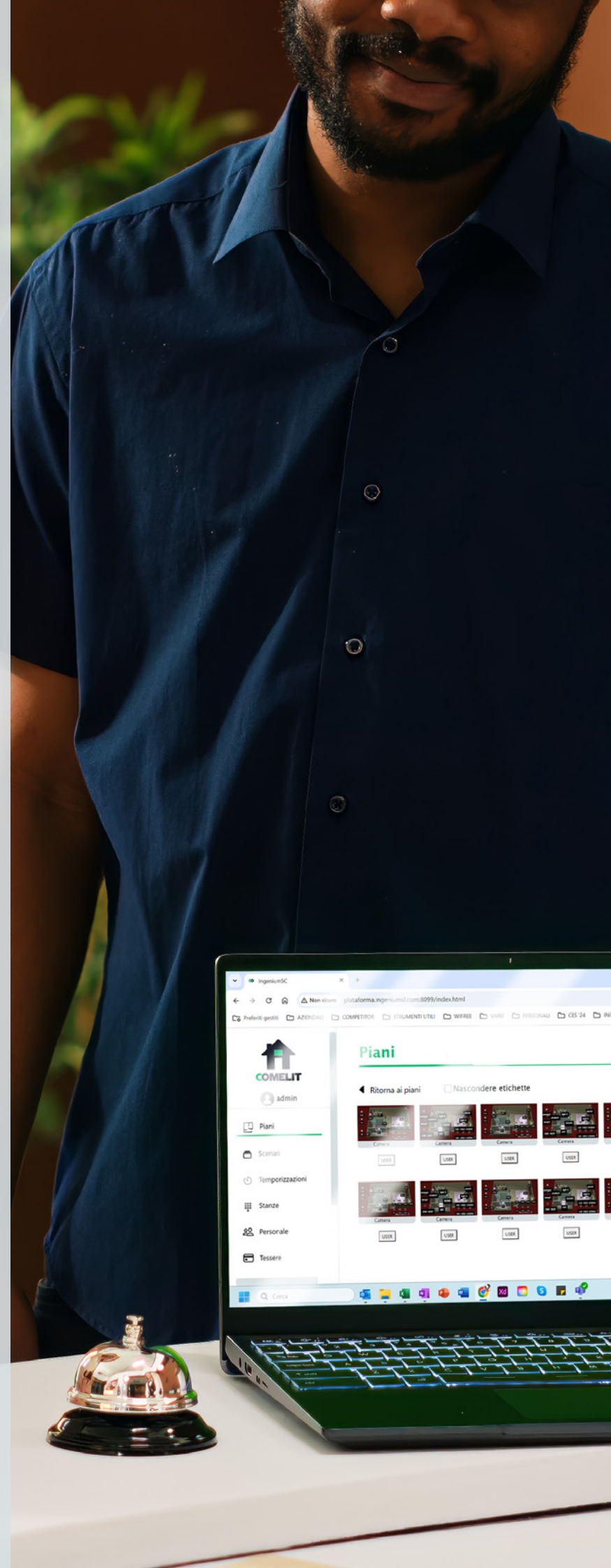
Choose from more than 16 million background colors and over 300 icons, or upload custom logos and graphics: the result is a tailor-made product, perfect for hotel or residential projects. A unique work in line with your creative vision.

Our online configurator offers a real-time preview, a free tool for planners, designers and architects, with endless customization possibilities for a completely custom design.

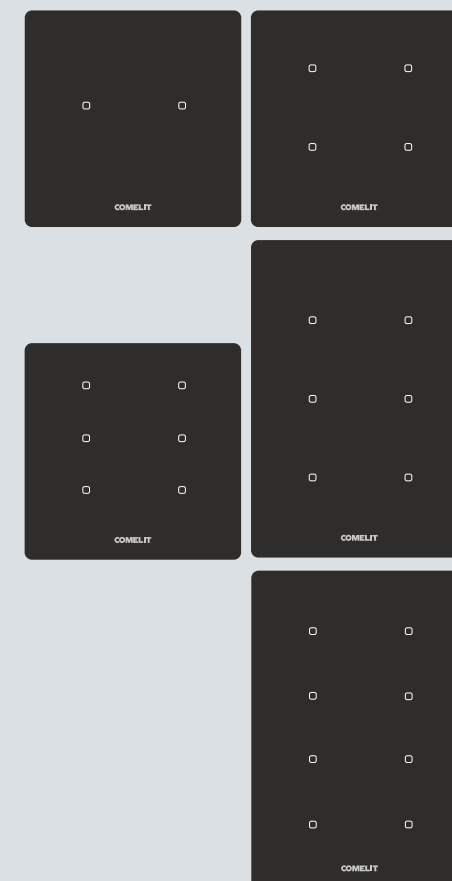
THE SOFTWARE FOR HOTEL MANAGEMENT.

Reception supervision software enables centralized management of all room parameters. Staff can monitor the presence of guests in real time, view temperature and change it, as well as activate programmed scenarios, such as lighting and curtains, to ensure tailored comfort.

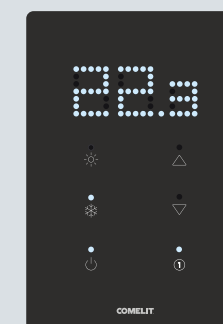
In addition, the system manages alarm and contact alerts, ensuring room security. RFID badge key management (Mifare) allows access to rooms and common areas to be programmed, ensuring security and constant control. This solution blends seamlessly into the style of the hotel, providing an exclusive and efficient experience.



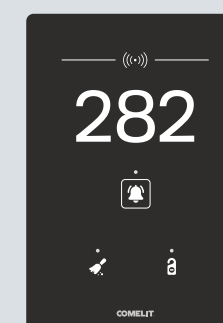
Plaques



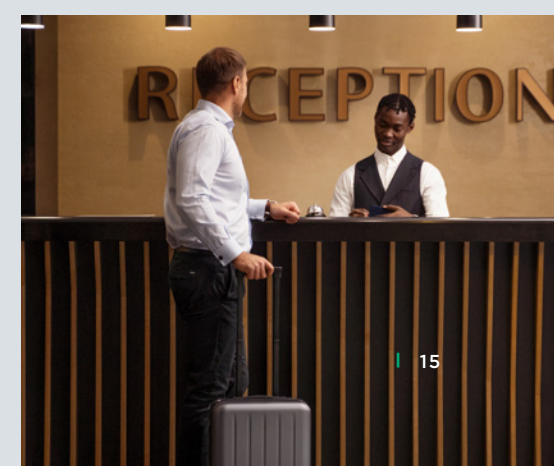
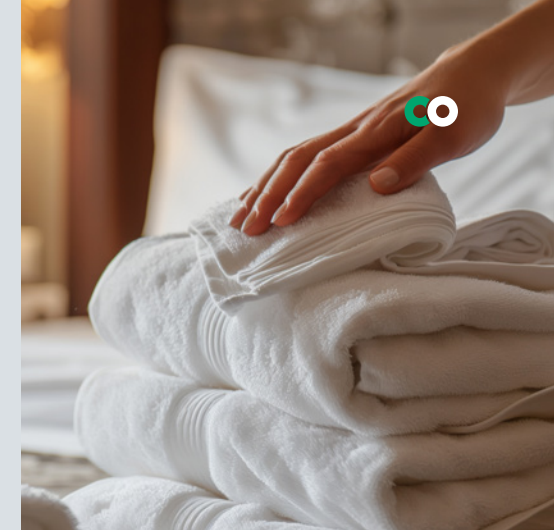
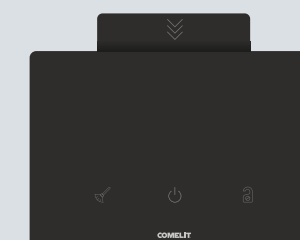
Thermostat



Out-of-door reader



Card holder





↑ **AC HOTEL LIMA MIRAFLORES** Lima, Perú

Luxurious contemporary hotel located on the seafront in the city of Lima, Peru. The AC Hotel Lima Miraflores by Marriott has 139 rooms spread over 17 floors and boasts an unbeatable location in one of the most visited areas of Lima: the Malecón de la Reserva. Stunning sea views, comfort and luxury combine to offer a unique guest experience. All lighting and air conditioning in the hotel's common areas are controlled by a wide range of Bes KNX devices from Ingenium by Comelit.



↑ **COSTANTINOS THE GREAT BEACH HOTEL** Protaras, Cyprus

Magnificent hotel located in the city center of Protaras, Cyprus. It has 306 luxurious rooms that are a perfect balance of comfort and style. It was renovated in 2018, with a complete transformation of all rooms, the outdoor pool, lobby and reception, restaurant, and public areas. All renovated rooms are equipped with lighting, climate and shutter control via capacitive buttons. They also include a hotel room door device with "do not disturb" and "redo room" indicators, as well as a doorbell button. All touch buttons in this hotel are specially designed and printed with their own logo and special icons.



→ **DAAN CLUB** Zhejiang, China

Suggestive hotel surrounded by mountains and sea of bamboo, located on the top of Dachangping Mountain in the southern mountains of Anji County, Huzhou, covers an area of 10,100 square meters and a construction area of 4,800 square meters. The project includes restaurants, sports, conference rooms and other functions to meet the growing demand for tourism in rural China. The KNX installation, made with products from the Bes range, consists of access control to the rooms, as well as lighting control in the rooms themselves and in common areas.



↓
**FEEL
SECURE.
DESIGN
WITH US.** ←
↑



reddot design award

Merlion
Awards



DESIGN **PLUS**

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