



The only electronic locking system for hotels, halls of residence, tourist apartments and campsites that offers you a comprehensive solution.

[www.tesa.es](http://www.tesa.es)



**ASSA ABLOY**

Experience a safer  
and more open world



# What does TESA ASSA ABLOY offer that no-one else can offer?

THE ONLY INTEGRAL ACCESS CONTROL SYSTEM IN THE WORLD.

Access control



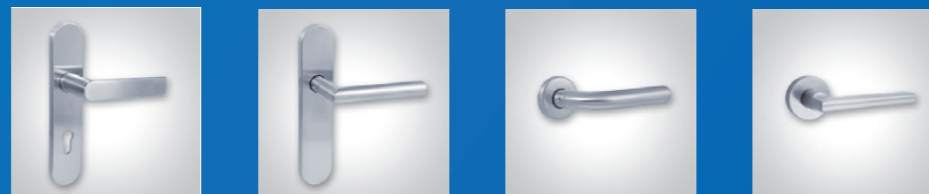
Common access points, cabinet locks, escape routes and emergency exits



Room / reception equipment



Handles



Check-in



# The only system that makes it easy to manage and maintain your access control installation.

## TESA HOTEL SOFTWARE

Check-in, pre check-in, check-out for guests.

Master cards for hotel staff, and also copies of the cards.

Through a matrix, the system allows you to configure the "user-door-schedule" accesses of the employees in a personalized way.

Card reading: identification of users.

Audit trail: a report of every events (opening, opening attempt, low battery, internal handle, status of the lock) of all the devices.

Special cards: door blocking card, programming card, fail safe card, high traffic cancelling card, lost safe PIN card and safe master card.

Audit: the register of every operation performed by the software. Listing of doors: by floors, buildings, blocks, etc. Types of doors: rooms, suites, common access, access control, safes and high traffic.

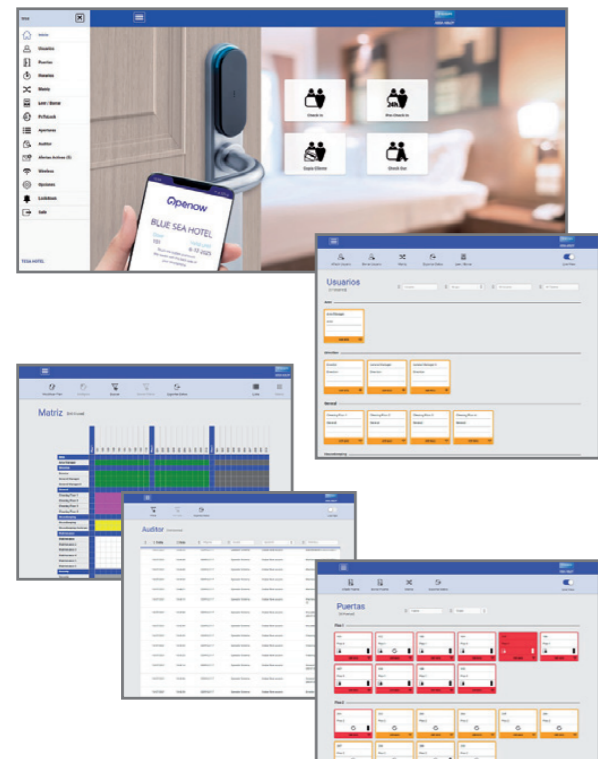
Different levels for operators. Customised according to each hotel's requirements.

30 time zones with five time periods.

255 calendars.

Multi-operational modes (free access, first user, double user, PIN, card + PIN, etc.).

Integration with most hotel management programs on the market.



## WEB MANAGER

The Web Manager software solution allows remote management of the TESA Hotel software from any device with a web browser (laptop, tablet, smartphone...), on the same network or via the Internet.

It is not necessary to install any type of software on the devices except on the central server.

It remotely manages check-ins, allowing remote recording of RFID credentials through the TCP/IP i-coder editor as well as sending virtual credentials (opening via Smartphone) or the PIN code, before the guest's arrival.

It allows management of facilities with multiple locations.

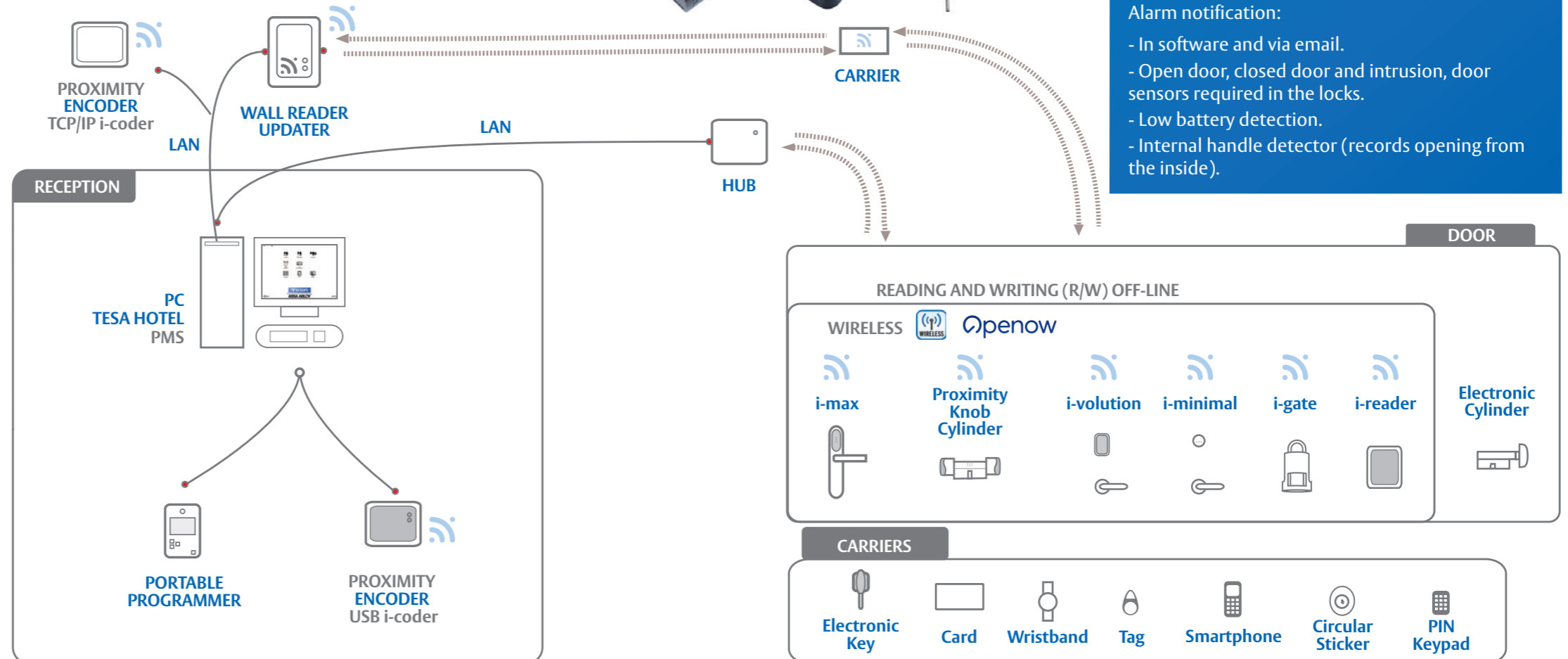
Through the Web Manager, you can access most of the TESA Hotel software's functionalities, such as the system auditor or events of the devices at the door.

## READ AND WRITE (R/W)

A virtual wireless online network is created between the locks and the central system itself through updaters.

Collection of events recorded in the locks by reading the card: optimal management of employee activity (access, access attempts outside of hours and shifts, low batteries, etc.).

Extension of guest stays and possibility of granting access to common areas without having to go through reception.



## PORTABLE PROGRAMMER (PP)

Once the programmer has been installed, it will initialize the locks and transmit to them the hotel's access plan. In case of emergency, it can activate emergency openings. It can also update the lock in case of time or access rights changes, and also detect operative problems.

It receives the register of events from the locks.

## PROXIMITY ENCODER RFID. USB – TCP/IP i-coder

Records, reads and erases information from proximity credentials (cards, bracelets, key chains, etc.) from the TESA Hotel system.

Two models available: USB connection and TCP/IP USB connection. The TCP/IP Ethernet model includes PoE power supply.

Network communications allow management of the editor through the TESA Hotel software Web Manager or even through the Internet.

## PcToLock

USB adapter that turns a laptop computer into a portable programmer, with the same functions. Physical communication with the TESA Hotel software is not necessary, as it is enough to download from the Web Manager, from any location, the hotel's access Plan.



## ON LINE WIRELESS

Locks and wall readers work like on-line RFID devices but without the need to wire the installation. Locks and software communicate in real time, instantly recording all the information from locks:

- User access.
- Non-authorized opening attempts.
- Opening attempts outside of schedules and shifts, guests' access to hotel commodities.
- Remote e-mail report of locks with low battery level.

Any change made in the software database is updated in real time:

- User and guest registrations.
- User and guest unsubscribes.
- Remote door opening from the software.
- Remote registration of interior handle activation.
- Remote activation of passage mode.
- Setting the time.

Alarms in the software:

- Wandering intruder. Attempt to open 3 or more locks that are not accessible within 1 hour.
- Standing intruder. Attempt to use several cards (for example, lost) in a single lock within 1 hour.

Alarm notification:

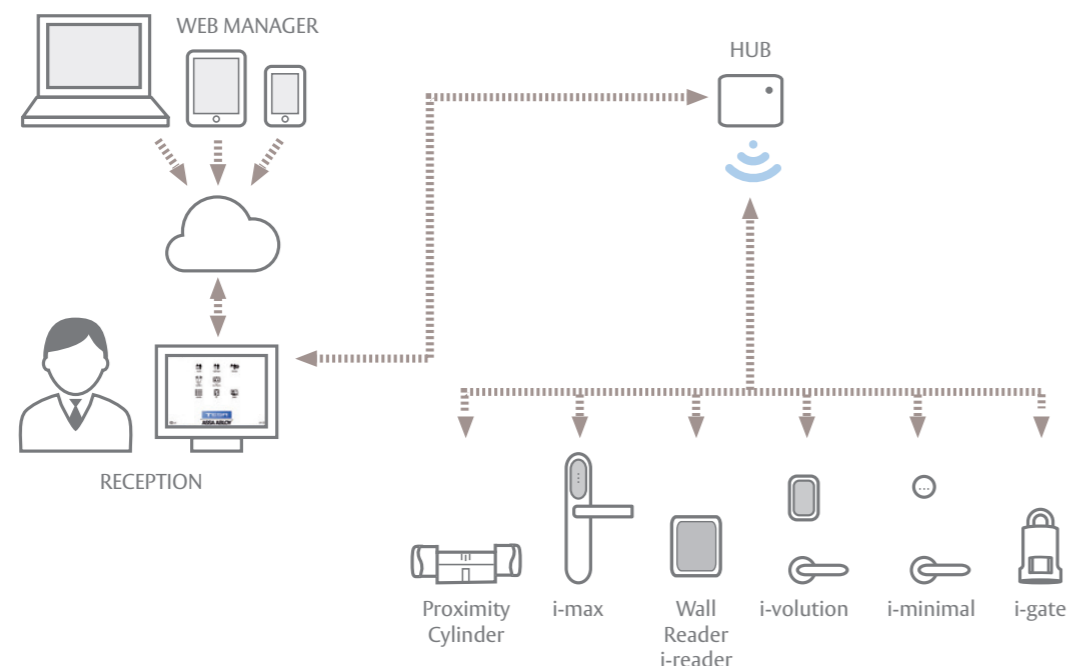
- In software and via email.
- Open door, closed door and intrusion, door sensors required in the locks.
- Low battery detection.
- Internal handle detector (records opening from the inside).

# On-line Wireless technology, without the need to wire the locks.

## ON-LINE WIRELESS TECHNOLOGY

On-line proximity locks with all the advantages of a real on-line system but without the costs of wiring the installation.

The locks and the software communicate in real time, instantly recording all the information stored in the locks and updating any change made in the software database.



# TESA Hotel Web Manager.

## EASIER INSTALLATION, COST SAVINGS

- The only place where the software is installed is on the server.
- There is no client software to install and there is no need for PC-by-PC maintenance or updating.
- TESA Hotel Web Manager connects remotely and securely to the server with the system database.
- Executable from any device with a web browser.
- For remote access it requires an IP accessible from the Internet.
- Enable RFID credential encoding with the i-coder

*Except for those operations where the management of the portable programmer is necessary.*

## BETTER PERFORMANCE

With TESA Hotel Web Manager, access is possible from any terminal (laptop, tablet, smartphone, etc.) and allows 100% remote management.

In unattended receptions, the system can be managed and digital keys or PIN codes can be sent remotely before the guest arrives.

The Web Manager is intuitive and easy to use.

With the new TCP i-coder editor, it is no longer necessary to check-in at the reception desk; it can be done in a personalized way from a point with a network connection to improve the customer experience. The i-coder represents cost savings in large receptions as it is shared by several terminals.

Maintenance and future updates by the hotel's IT systems staff are reduced to the TESA Hotel serve.

## REMOTE MANAGEMENT

With TESA Hotel Web Manager, you have full control, anywhere, anytime. Even for remote locations and facilities in different locations.

With TESA Hotel Web Manager and the Wireless system, you can:

- **Cancel** any credential at any time.
- **Update** access permissions remotely.
- **Open** any access remotely.
- Set **schedules** or calendars.
- Start **general lockdown** with a single click.
- **Audit** door status and events in real time.
- Set **alerts** instantly.
- Send **virtual credentials** (BLE smartphone, RFID remote editor or PIN).
- And much more ...



## REMOTE OPENING VIA SMARTPHONE

Suitable solution for use by hotel/facility staff. Allows remote opening of the lock.

The user automatically receives, from the system, the virtual key in an app downloaded to his smartphone that allows him to open the doors. Opening is only valid during the guest's stay. Also for use by hotel/facility staff.



# Systems integration.

## BEYOND ACCESS CONTROL

TESA Hotel software is easily integrated with systems or platforms customized for hotel chains, integrators, etc. such as PMS or automation systems, among others. Helping to accelerate information flows and reducing the establishment's operating costs.

There are multiple integrations of TESA Hotel with third-party systems around the world.

Integrated with most PMS software on the market (national and international). It makes it easy to generate guest credentials (i.e. RFID cards, smartphone credentials or keypad PINs) through the PMS application.



Likewise, integrations with self-check-in kiosks or online reservation platforms significantly improve the hotel experience by making it easier for guests to access their rooms.

Synchronizations with time-of-attendance or domotic software make TESA Hotel an integrated part of third-party platforms and facilitate the hotel's work.

# Openow

## Access to your hotel in the palm of your hand.

### OPENING BY SMARTPHONE

With Openow keys and cards are a thing of the past. Thanks to this app, guests and/or hotel staff can access rooms and other hotel accesses to which they are authorized, through their smartphones using Bluetooth® low energy technology. These accesses can be managed in real time by hotel staff.

### ADVANTAGES FOR HOTEL STAFF

**Sustainability:** avoiding the use of cards reduces carbon imprint considerably, apart from representing hotel savings.

Avoids 24/7-duty reception staff for card turnovers. Remote check-in from any device through the Web Manager.

The app key can be cancelled in real time.

Customisable with hotel/chain logo.

Enables room changes.

Late check-out.

### UoC ADVANTAGES

Available Openow Reading and Writing:

- Collect all events in real time on an offline system.
- Add / delete new users to the system without need to reprogram the locks.
- Modify the access rights of existing users.
- Trigger alerts in the software and via email.



### ADVANTAGES FOR THE GUEST

Avoid having to queue at reception. Once your stay at the hotel begins, the necessary accesses will be activated on your smartphone automatically. If you need any more access, you can request it without going down to reception.

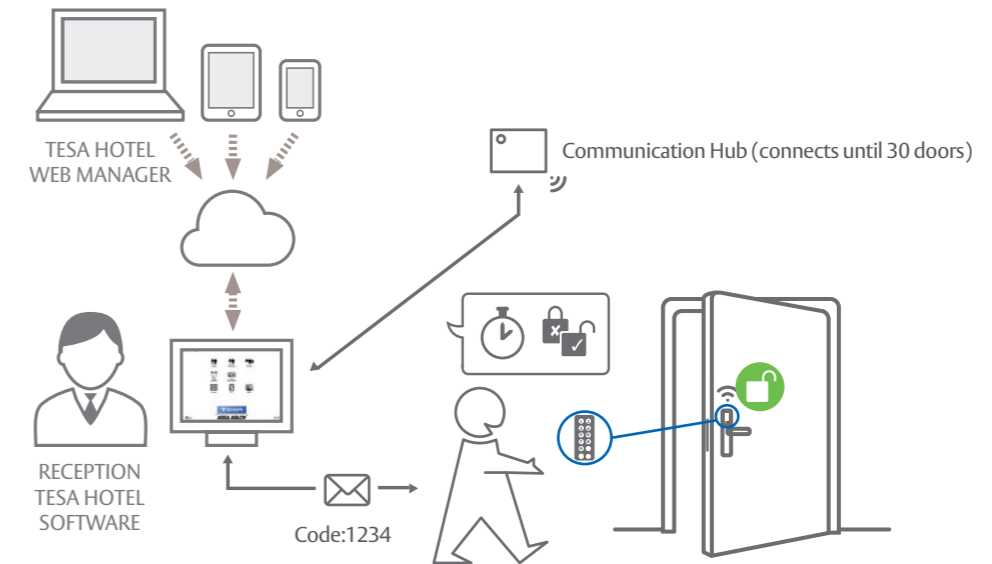
Avoid worries about losing your key/card.

Automatic check-out. Once the guest's stay at the hotel ends, the access will disappear from their smartphone automatically.

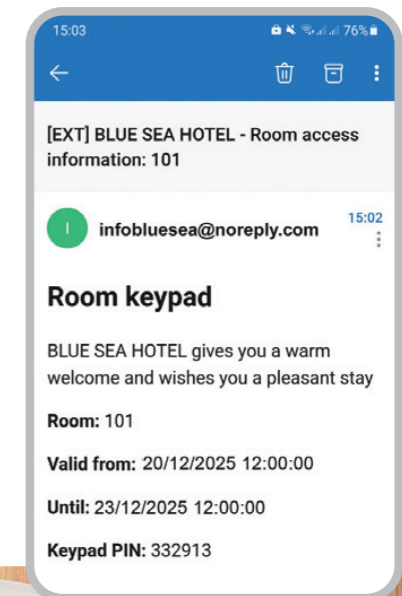
# Check-in PIN Solution.

### PIN OPENING

It is no longer necessary to have staff at reception 24/7, or to be on site when handing over the keys to the tourist apartment. TESA ASSA ABLOY provides different solutions that improve the guest experience and simplify day-to-day management, which can be controlled remotely through the Web Manager.



The system automatically sends guests an email with the keypad PIN code that provides access to the room and common areas, along with their date/time of arrival and departure and room number. The PIN code is cancelled automatically on the check-out date/time.



# i-max, a small change that changes everything.

## MODERN SECURITY FOR EXTERIOR AND INTERIOR

The i-max electronic lock is a completely renewed and updated access control device.

With a more sophisticated design, multiple finishes, and an extra-resistant locking mechanism, i-max is perfect for environments where intelligence, design, and functionality are paramount.

## PRACTICAL AND CONVENIENT

The EN1906 Grade 4 Usage Category certification guarantees robustness against misuse.

Designed to guarantee optimum security in smart environments with high traffic and multiple access points and events.

Compatible with smartphones through the Wireless app or Openow BLE.

- Smartphone opening: TESA Hotel software can automatically send a virtual key to guests or hotel staff, allowing them to open the room and common areas through the Openow smartphone app via Bluetooth.



i-max



i-max with keypad

## i-max WITH KEYBOARD

Compatible with check-in PIN, allowing guests to access their room without reception staff being present.

Guests can access their rooms directly using a personalized PIN, eliminating the need for 24-hour staff. It is also compatible with RFID proximity cards and smartphone opening via the Openow mobile app.

-PIN opening: The system can automatically send an email to the guest with a PIN code to access the room and common areas; the PIN expires automatically upon check-out.

- Extremely resistant locking mechanism (EN1906 in Grade 4 Usage Category).

- Extra PIN codes for hotel staff.

## TECHNICAL FEATURES

- Solutions for wooden doors, metal profiles, glass doors, or sliding doors.
- Traffic volume: medium-high.
- Outdoor use: IP56 (Extreme version).
- Humidity: up to 85% without condensation at -20 °C and +70 °C.
- Battery life: between 75,000 and 105,000 cycles, maximum of 2 years on standby.
- Battery type: 3 LR03 AAA 1.5V alkaline batteries.
- Multi-authentication: Card + PIN, PIN only, card only, smartphone app only.
- Certifications: CE (EMC, R&TTE), ROHS, REACH, WEE, EN1634 (Fire). EN1906 with Grade 4 in Usage Category. DIN18273.
- Compatible mobile solutions: Openow™ (Bluetooth Low Energy) and TESA Hotel (remote opening app).
- Scalable management system: Electronic locks can be upgraded from Self-Programmable > Read and Write > Wireless Online.
- Available with visible or hidden emergency cylinder (optional).



## Models

i-max: RFID proximity lock.  
i-max: proximity lock with keypad.



## Handles

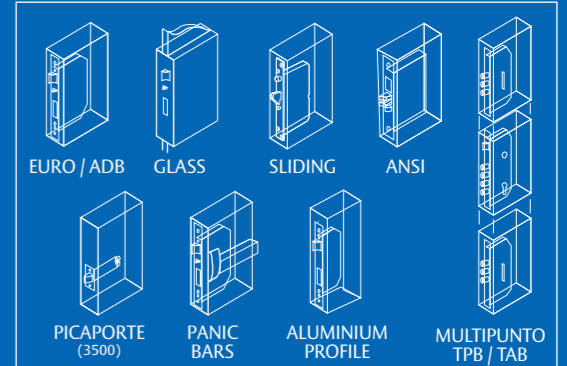


See other handle models.

## Finishes



## Mortise locks



## Accessories

Wall readers (See page 15).

Safes and cabinet locks (see page 16).

Energy saving device (see page 17).



# i-volution and i-minimal. Design and minimalism combined with technology.

## i-volution. MAXIMUM SECURITY WITH THE VERY LATEST DESIGN.

An electronic lock capable of meeting the most demanding security requirements without compromising on design. Can be integrated into all TESA Hotel access control systems, from the simplest to the most advanced.

Can be combined with a wide range of handles and is available in 4 different finishes to adapt to the décor of any hotel.



## i-minimal. MINIMALIST DESIGN COMBINED WITH CUTTING EDGE TECHNOLOGY.

Beauty, intelligence and design combine to offer a unique solution.

The most comprehensive access control system on the market, which combines the advanced features of an access control lock with the security of an electromechanical one and a minimalist design that reduces the aesthetic impact on access points.



## FULL DOOR CONTROL

Internal sensors that control doors left open, incorrectly closed and intrusion monitoring.

Record of emergency cylinder openings (optional).

## IDENTIFICATION TECHNOLOGIES

RFID: MIFARE 14443A. Security: card information protected and encrypted.

Smartphone solution for opening the locks (BLE technology): [Openow app](#).

Remote smartphone opening solution (internet): TESA Hotel app.

## EMERGENCY CYLINDER

Can be installed with an optional mechanical cylinder that enables the user to open the door in an emergency.

It records emergency openings in the lock's opening auditor.

- The most advanced technology.

- Smartphone opening.

- Minimalistic design.

- Secure encrypted communications.

- Total control with wireless online .

- A wide range of finishes and handles.

A single platform, TESA Hotel, and two systems: Read&Write or wireless online.

- Collect events stored on the locks.

- Battery status monitoring.

- Access modification without lock updating.

- New user registration without lock updating.

- Express card cancellation.

## TECHNICAL FEATURES

### READER MODULE

- Identification technology: RFID contactless 13,56 MHz chip, MIFARE CLASSIC. Blue and red operations LED. Buzzer for signal confirmation.

- Low battery signal (in real time over wireless system).

### CONTROL MODULE

- Non-volatile memory (1500 openings).

- 30 timezone shifts.

- 20 state tables in operational mode (block, free access, etc.).

- 255 calendars, automatic DST.

- 3000 users.

### BATTERY MODULE

- Three AAA alkaline batteries LR03 1.5V

- Estimated autonomy: 3 years on standby or between 105.000 approximately.

(wireless model) and 80.000 cycles (Read&Write model).

- Batteries can be easily changed, solely from inside the room, with no need to dismount the lock.

### LOCK

- The motorised clutch in the mortise lock activates the outside handle. When the lock is closed, the outside handle turns freely to prevent forcing.

- Auto deadbolt: 2.54 cm

- Panic function: On turning the inside handle, the door opens even when automatic bolt and electronic privacy are activated.

- Can be installed on door widths of between 30 and 144 mm.

### OPERATING CONDITIONS

- Humidity: Up to 85% without condensation.

- Outside temperature between -20 °C and 70 °C.

- Interior between 0 °C and 50 °C.

- Fire: Lock certified fire-resistant.

- Certificates: CE (EMC, R&TTE) / ROHS, REACH, WEE / IP56 / EN 14846 / EN12209 / RF.

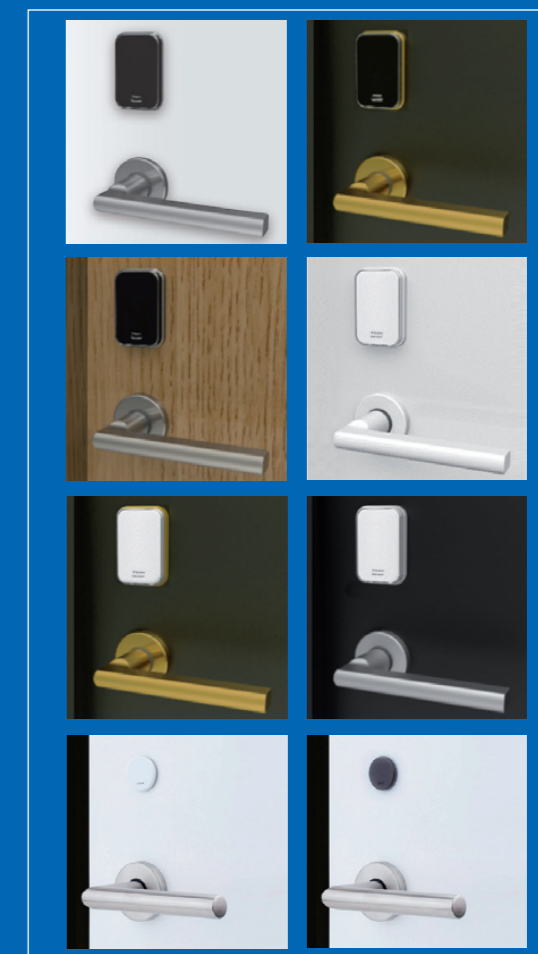
## Handles

TESA ASSA ABLOY offers a wide range of compatible handles to install in any style. In addition, other handles on the market can be installed subject to DIN (consult for other handle models).



## Finishes

A variety of finishes: black or white-finished outside reader, with black, white, chrome or brass finish ring. The different combinations allow the lock to adapt to any decor style, whether modern or classic.



# The ideal solution for special doors that require proximity, reading and writing, wireless technology or mobile opening.



Proximity knob cylinder

- Robust.
- Ergonomic and cutting-edge design.
- Wide range of finishes (consult available).

## RFID PROXIMITY TECHNOLOGY

It offers all the benefits of electronic locks in the format of a standard mechanical cylinder.

Proximity RFID and R/W technology allows you to improve the management of the access control system, enabling collection of events, card cancellation, locking plan updating, battery level, etc. Without using the portable programmer, using only a card or credential.

Openow BLE, the mobile solution based on BLE (Bluetooth® Low Energy) technology, physical credentials are replaced with a virtual key sent directly to the client's smartphone, offering all the same features without the need for physical key handover.

The wireless knob cylinder also offers all the benefits of online proximity locks with all the advantages of a real online system but without the costs of wiring the installation.

## SEAMLESS SECURITY

The new i-gate wireless electronic padlock with IP68 protection is a battery-powered locking device.

In addition to its resistance to physical attacks, it features a waterproof exterior shield that protects against harsh weather conditions.

Compatible with all TESA Hotel management systems, both online and offline.

Uses RFID credentials, Openow virtual keys, or the TESA Hotel remote opening app.



i-gate

# The only access control system combining electronic and mechanical cylinders.

## IDENTIFICATION TECHNOLOGY

**Reading and Writing contact chip (R/W):** collecting of events, key cancellation, updating of the locking plan, etc. All inside the electronic key, with no need to use a portable programmer.

Great storing capacity and data protection. Up to 1,500 users – it can register the latest 1,000 events.

Option to have a smart RFID key with a proximity chip compatible with other proximity devices on the platform. The key is compatible with TESA ASSA ABLOY mechanical cylinder.



C-Tec

# Security in all accesses.



TESA ASSA ABLOY offers security at each access point of your hotel through a wide range of wall readers.

## WALL READERS. FOR PEACE OF MIND

You can install wall readers at perimeter doors, parking lots, elevators, health zones, pools, and more to better secure your facilities, both internally and externally, by controlling electrical or electromechanical devices or accesses.

## FEATURES

Non-volatile memory: records the last 1,500 events. Supports up to 6,000 users per reader.

Available in all technologies: RFID proximity ISO-15693 and ISO-14443-A MIFARE® standards, MIFARE DESFIRE, MIFARE CLASSIC and SKIDATA.

MIFARE™ CLASSIC MIFARE™ DESFire™ SKIDATA™ ISO/IEC 15693

Operating modes: offline (autonomous), online wired via an updater reader, and online wireless, without the need of wiring. Compatible with Openow.

Available with one relay, two relays, or eight relays for installation in elevators (up to 40 floors).





# The strong range.

## SAFES. INTERNAL SECURITY

- Display for easy code entry.
- Motorized opening and closing.
- 2 anti-drill 17 mm locking bolts.
- No wires: 4 standard AA batteries.
- Low battery indicator on display.
- Anticorrosion finish, tropicalized circuit.
- Carpeted inside.
- Emergency opening with a card or a portable programmer.
- Outside dimensions of the safe: 200 (high) x 430 (width) x 350 mm (long).
- Right side opening.
- Non-volatile memory.
- Register of the latest 1,000 events.
- Audit of events.
- Matt Black colour.
- Door width: 6 mm, body: 2 mm.



## MODELS

- Keypad only:** The display facilitates code entry. Stores up to 1,000 openings.
- Card only:** Allows for rental use. Opens and closes with the same room card.
- MIFARE™ CLASSIC**
- Card + Keypad:** Ensures double security and allows the option to rent the safe to the guest. Includes all the advantages of proximity technology.

# Cabinet locks. Relax for the guest.

The ideal solution for the hotel's gym, sauna, swimming pool, spa, wellness, ski cabinets, etc.

A single credential that allows the guest to move freely throughout the hotel: bedroom, common areas, energy saver, safe, and cabinet locks.

Everything is managed from a single management platform.

Available in RFID proximity technology according to ISO-14443 A standard **MIFARE™ CLASSIC**

**Motorized cabinet lock.** Two operating modes:

- Fixed mode: hotel guests with the same card of their room they have assigned a cabinet lock.

-Free mode: one card can be used at any free open cabinet lock.

It can be programmed for automatic opening, at a fixed time.



Motorized cabinet lock

# Saving and cost efficiency at all levels.

## ENERGY SAVERS, ADVANTAGES, ADVANTAGES

- Energy saving: guarantees a reduction of up to 40% in electricity consumption when the room is occupied. When the guest leaves, it automatically disconnects the electricity and air conditioning.
- Courtesy timer: activates once the guest removes their card.
- Intelligent: It operates only with the cards of your hotel, it doesn't operate with any other type of card that is outside of the system of your .hotel.
- Flush and surface-mounted model
- Wireless option: allows door/window sensors to turn off the air conditioning if they are open.
- Optional: simple model; works with any card.



## CARDLESS ENERGY SERVER

This device controls and manages electrical installation of the room without the need for a card.

The energy saver is hidden in the room's electrical panel; and works jointly with a volumetric sensor and a door sensor, detecting the presence of people in the room as well as the opening/closing of the door.

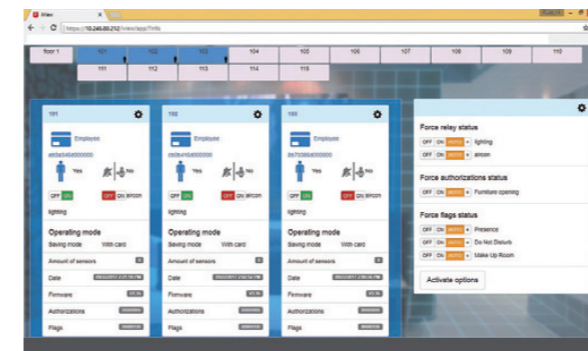
The room's energy is only connected while there are people inside.



## WIRELESS ON-LINE ENERGY SAVERS

Wireless disconnectors can communicate with the iView control software. Using wireless gateways, they transmit the presence of the guest or hotel staff in the room in real time.

They allow remote deactivation of relays, control of the status of doors and windows from reception, control of temperature and establish maximum, minimum or set temperatures.



## DND / MUR BUTTON AND VISUALIZER

Interior button with two capacitive buttons for the guest to select between "Do not disturb" and "Make up room." The visualizer outside the room displays the button pressed by the guest.

Combined with a wireless disconnector, it can also indicate the presence of the guest/hotel staff in the room.



# ID TESA document reader.

## DOCUMENT READER. CHECK-IN YOUR GUESTS IN JUST ONE SECOND, NO MORE QUEUING IN RECEPTION

Easy, fast and efficient solution to capture and process document data at reception.

No waiting lines at reception. Reduction in x5 of registration time. Elimination of archiving costs.

Automatically captures, reads and sends the document information to the management program (PMS).

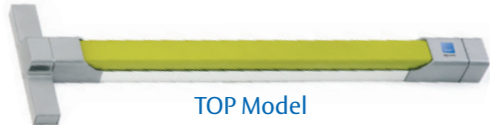


ID TESA

# Ideal solutions for emergency exits.



GLOBAL Model



TOP Model



QUICK Model



LITE Model

## DOOR CLOSERS

The NBE-CPI/96 standard requires that all hotel rooms are securely closed with door closers bearing the European EN-1154 certificate.



## PERIMETER AND COMMON ACCESS

Escape routes with electronically controlled external access. EN1125 compatible with i-max electronic locks.



# TESA Hotel

TESA Hotel offers a comprehensive access control system, combining the most innovative solutions and devices in the hotel market with other products from the general TESA ASSA ABLOY catalogue.

Our solution includes design locks with RFID proximity technology, the Openow™ app, which enables access opening and management via smartphone, and the check-in by PIN solution using keypad devices, allowing for self-check-in without 24-hour reception. Additionally, we offer a wide catalog of locking devices that adapt to any type of door, solution, and decor.

All of this is complemented by a wide range of wall readers, energy savers, safes, electronic cylinders, and other accessories. Furthermore, if we add that the same application can support both reading/writing and wireless online platforms, we provide solutions for any needs our clients may have.



## INNOVATION, SECURITY, AND CUTTING-EDGE DESIGN FOR YOUR HOTEL ACCESS

Discover the only integral access control system that adapts to the needs of your hotel with the latest in locking solutions.



More information:



Do you have any technical or product questions?  
Do you need us to provide a quote tailored to your installation?  
Contact us: [marketing@tesa.es](mailto:marketing@tesa.es)

The ASSA ABLOY Group is the global leader in access solutions. Every day we help people feel safe, secure and experience a more open world.

ASSA ABLOY Opening Solutions is a market leader in the development of door products and opening devices for homes, businesses and institutions. Our offer includes doors, equipment for doors and windows, locks and access service and control.



**ASSA ABLOY**

### **TESA ASSA ABLOY**

We are a global leader in the development, supply and servicing of electronic access control systems for the hospitality market (hotels, tourist apartments and halls of residence, etc.).

With extensive experience accumulated over the past 35 years, we offer customers a unique and comprehensive platform that exceeds even the highest security, design, user friendliness and service requirements.

**[www.tesa.es/hotel](http://www.tesa.es/hotel)**

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