



ASSA ABLOY

# The complete electronic lock solution for the tourism industry.

For hotels, halls of residence, tourist apartments and campsites



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



## The integral access control system for any solution.

### Access control



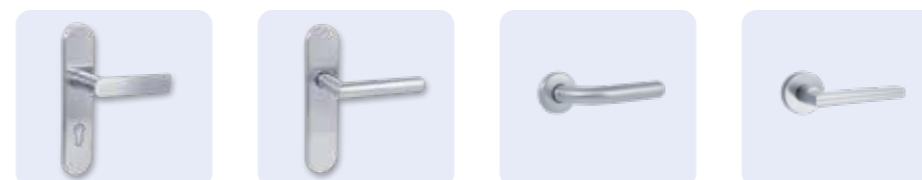
### Common access points, cabinet locks, escape routes and emergency exits



### Room/reception equipment



### Handles



TESA ASSA ABLOY System

# 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.



### TESA HOTEL i-programmer

Door devices are programmed using a smartphone, the i-programmer app, and the PcToLock device. Everything is done quickly and easily thanks to a modern interface. Fast communication with the locks, together with intuitive menus, provides an enhanced user experience. Any type of installation can be managed, with no limit on doors or users, and multiple installations can be handled within the same app. The installation database can also be downloaded remotely, without the need for a physical connection to a PC.



### 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.

### 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:**

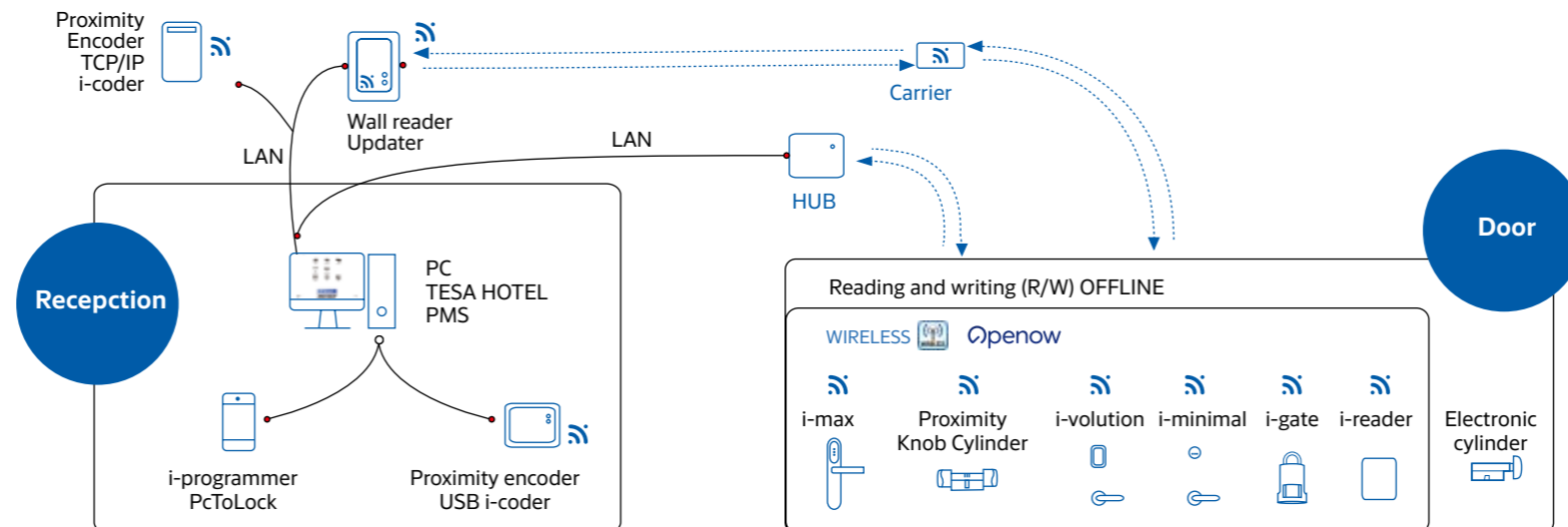
- User and guest registrations.
- User and guest unsubscribes
- Remote door opening from the software.
- Remote registration of interior handle activation.
- Remote activation of passage mode.
- Setting the time.

### 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).



### Credenciales

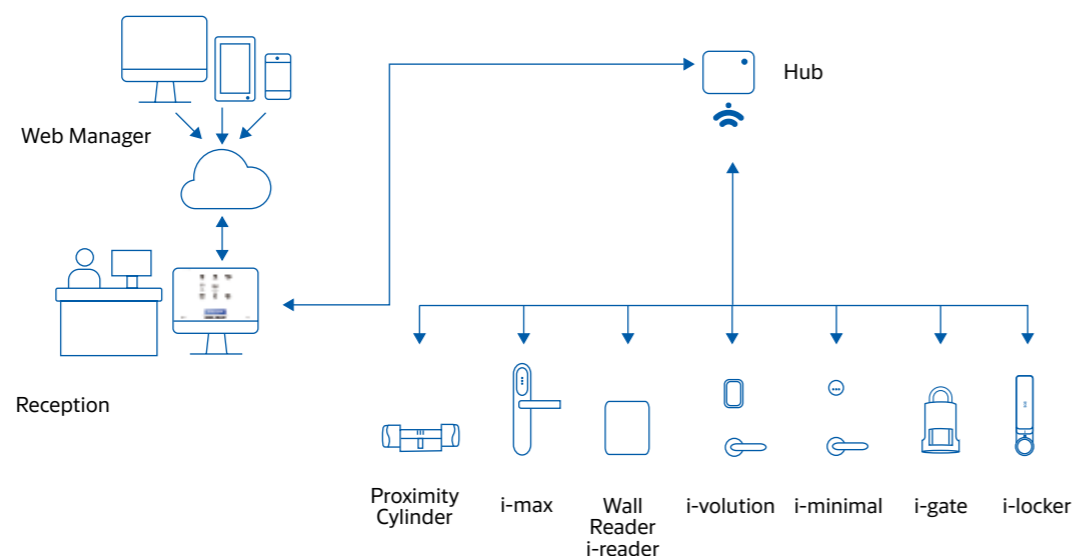
- Electronic Key
- Smartphone
- Card
- Circular sticker
- Wristband
- PIN keypad
- Tag

# 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.



## 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.

# 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

## 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 ...

## 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.

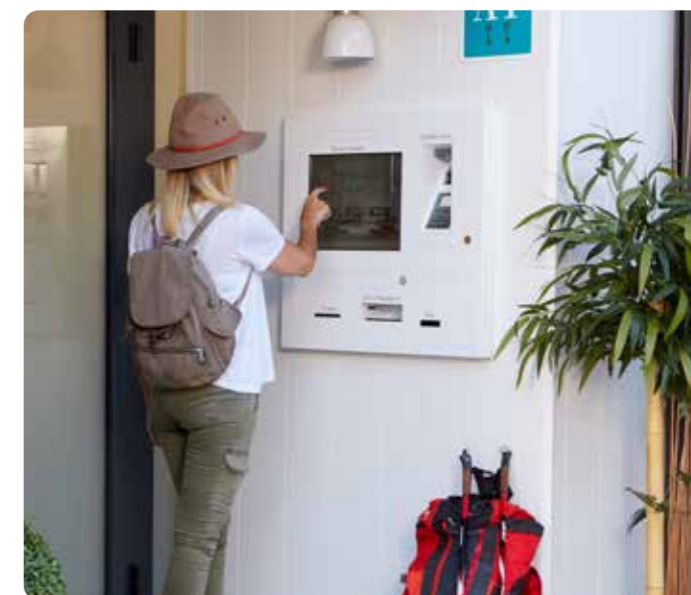
# Systems integration.

## 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.

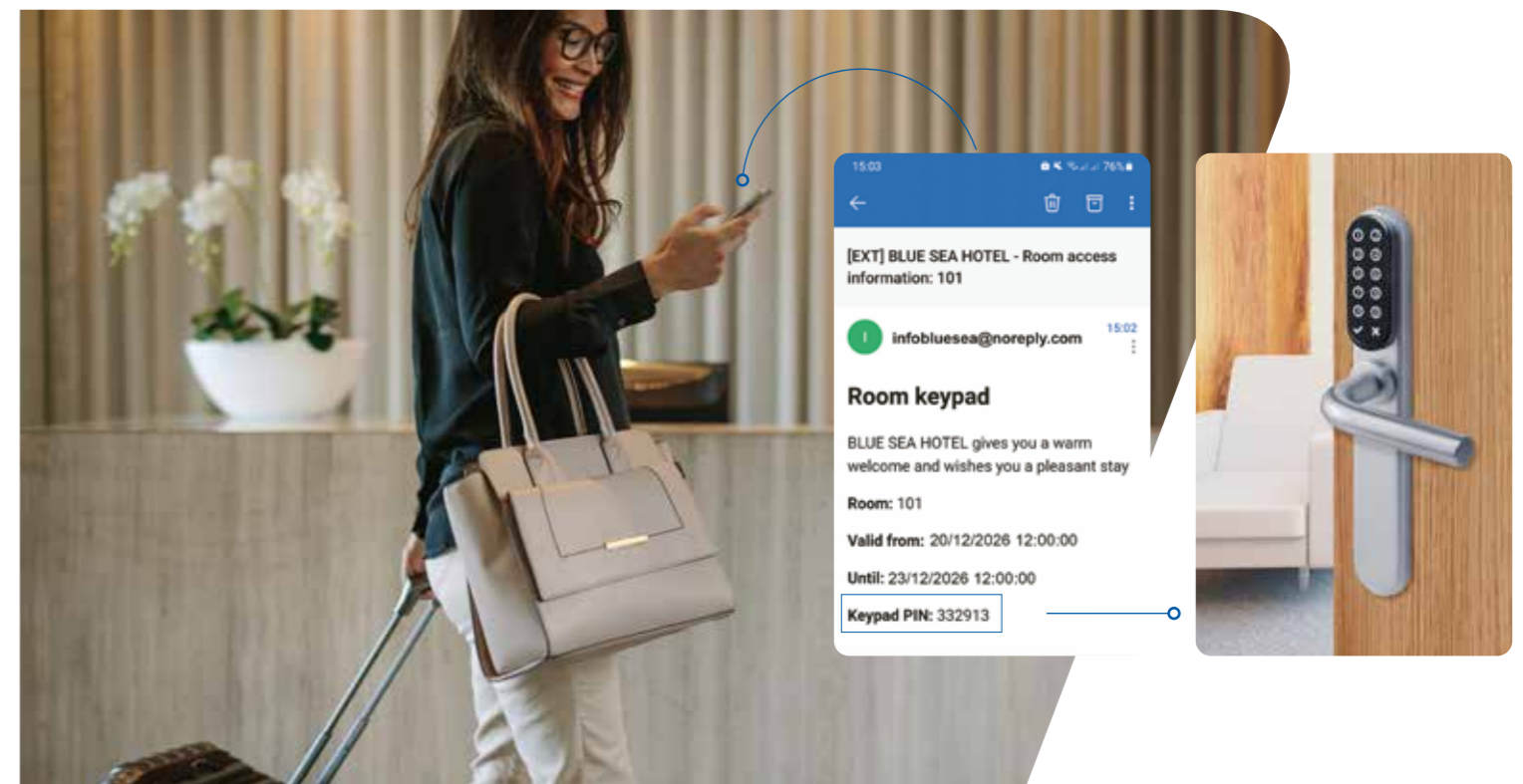
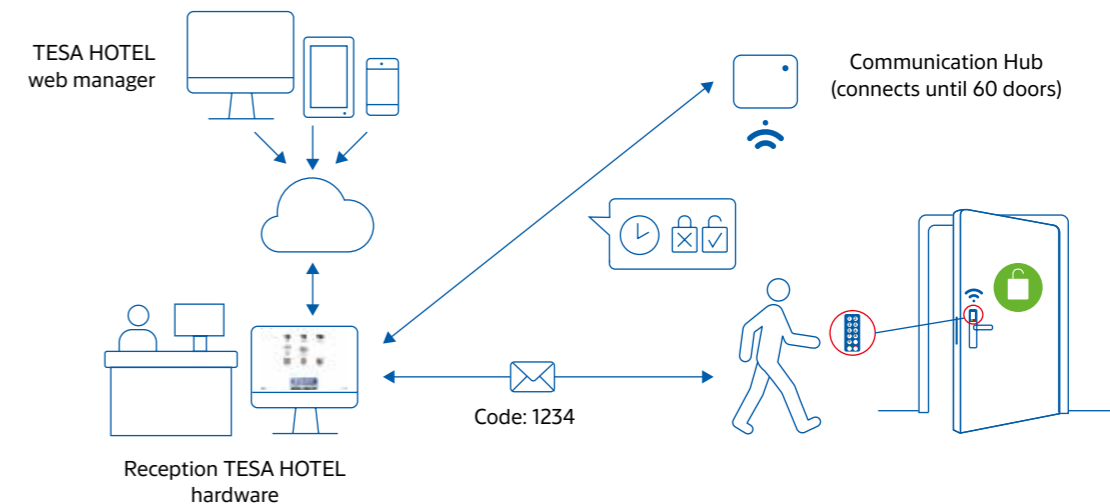
Automatic check-out. Once the guest's stay at the hotel ends, the access will disappear from their smartphone automatically.

# 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.



## ● i-max

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.

### Security

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.

It can be installed on wooden or metal doors, narrow aluminum profiles, emergency exit doors with panic bars, fire doors (RF), sliding doors, or glass doors, among others.



## ● i-max with keypad

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.

# Advanced security with a modern design.

### 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. EN179.
- 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).

MIFARE™  
CLASSIC

MIFARE™  
DESFire™

ISO/IEC  
15693



### Models

i-max: RFID proximity lock.

i-max: proximity lock with keypad.



### Handles (See other handle models.)



Sena

Xara

Vector



Zafira

Cubo

FSBE

### Finishes



IS Inox

LPD Polished  
Brass PVD

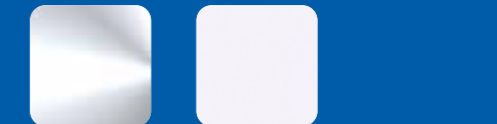
LSD Satin  
Brass-PVD



LA Antique Brass

NE Black

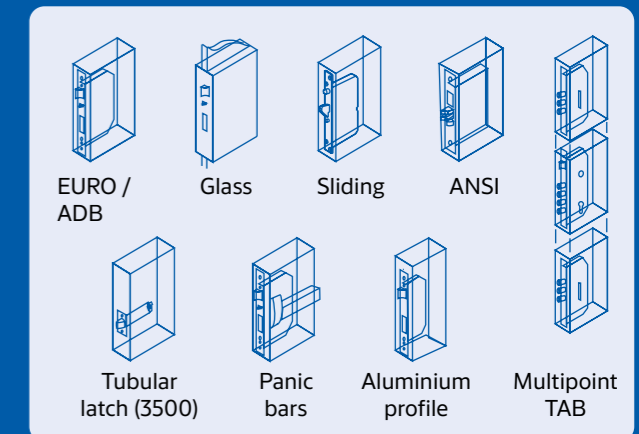
CM Satin Chrome



CR Polish Chrome

BL White

### Mortise locks



### Accessories

Wall readers (See page 15).

Safes and cabinet locks (See page 16).

Energy saving device (See page 17).



# 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 different finishes to adapt to the décor of any hotel.

#### Full door control

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

#### Identification technologies

RFID: MIFARE 14443A, ISO15693, DESFIRE. Card information protected and encrypted. Smartphone solution for opening the locks (BLE technology): app *Openow*.

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.

## ● 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.

- 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.

# Modern and cutting-edge design.

## Technical features

### READER MODULE

- Identification technology: contactless RFID 13,56 MHz chip, MIFARE CLASSIC ISO15693 y DESFIRE. 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.
- 6500 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.
- Lock models Euro and ANSI.

### 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 / 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).



Vector



Sena



Cubo



FSBE



Xara



Zafira



Hermes

## 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.



Electronic cylinders

# 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 availables).

**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 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

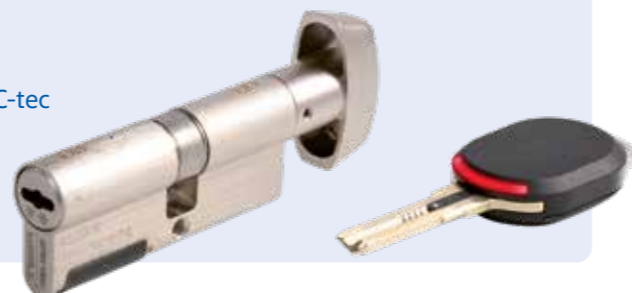
**C-TEC Electronic cylinder with contact key.**

Electronic cylinder with contact chip key. 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.



Wall reader i-reader design



Wall reader i-reader standard



Wall reader i-reader with keypad

New



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 14443 MIFARE CLASSIC, MIFARE DESFIRE and ISO 15693 standards.

MIFARE™ CLASSIC

MIFARE™ DESFire™

ISO/IEC 15693

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

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.

#### Operating modes

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.



New

### Lockers. Guest relaxation. i-locker.

The ideal solution for gym areas, saunas, swimming pools, spa/wellness facilities, or hotel ski lockers.

i-locker allows integrating lockers into the facility's access control system, both in the read & write system and in the wireless online system, offering guests a convenient, keyless experience.

A single credential (RFID card/key fob/bracelet or mobile credential with Openow-BLE) lets guests move freely around the hotel: room, common areas, and locker.

Can be installed vertically or horizontally.



Electronic lockers with two operating modes:

**Fixed:** the locker is assigned to the guest for the duration of their stay.

**Free:** any guest can use an available locker.

Programmable for automatic opening at a specified time.

## Saving and cost efficiency at all levels.



### Energy savers.

#### 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.



### 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.



### 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.



### 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.

# Ideal solutions for emergency exits.

## Perimeter and common access

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

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.



# 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.



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)

More information:





# Prepare your access for what's coming

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