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

Access control

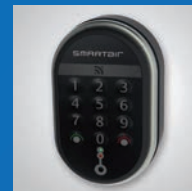**Common access points, cabinet locks, escape routes and emergency exits**

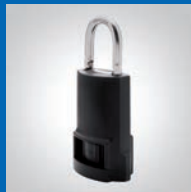**Room / reception equipment**

Other doors

Check-in

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

THE ONLY INTEGRAL ACCESS CONTROL SYSTEM IN THE WORLD.

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

TESA ASSA ABLOY SOFTWARE

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

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

Card reading: identification of users.

Audit trail: a report of every opening / closing registered by the locks, cylinders, wall readers and safes.

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.

List of users: by groups or individually. User personalisation.

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, etc.)

Matrix: enables all the previous information to be cross-referenced, in order to decide which users are given access to which doors, on which days and at what times.
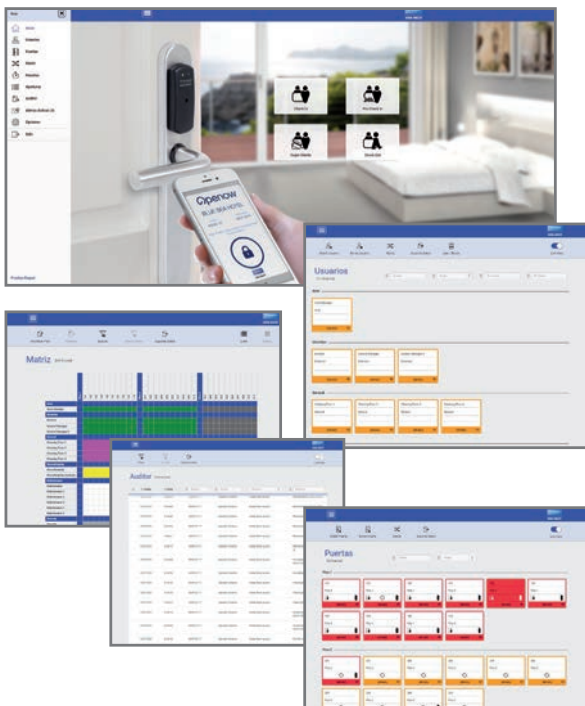
READING AND WRITING (R/W)

Create a virtual online wireless network between the locks (R/W) and the central system through updaters.

It collects the events registered in the locks by reading the card: optimum management of the staff's activity (access attempts outside assigned times and shifts, etc.).

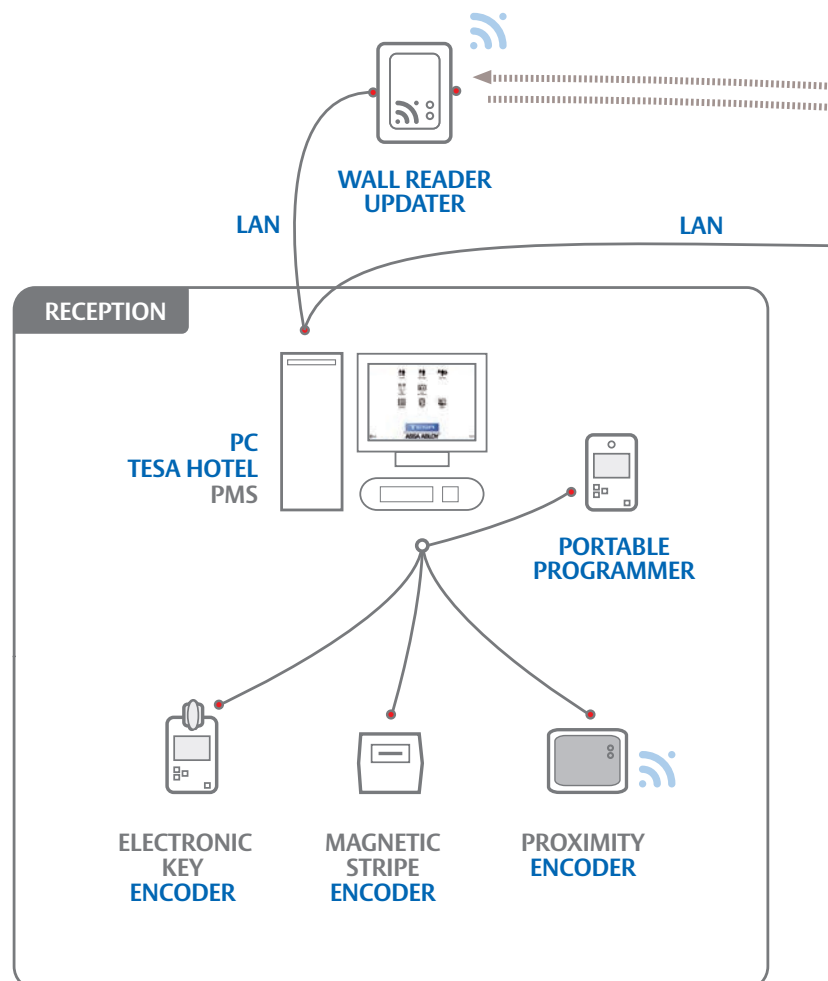Battery level control with no need to test the lock.

Express cancellation: The locks will automatically cancel any cards lost by users to whom we prefer not to provide access.

Guests can extend their stay and be given access to communal areas without needing to go through reception.

WEB CHECK-IN

Thanks to this new function, facility managers can program RFID credentials using the card editor and web manager, without the need to install TESA Hotel software on their computers. Accessible from any Internet browser on any device (laptop, tablet, smartphone, etc.). The perfect solution for facilities with multiple locations.

SOAP integration.

WALL READER UPDATER

LAN

LAN

RECEPTION

PC
TESA HOTEL
PMS

PORTABLE PROGRAMMER

ELECTRONIC KEY ENCODER

MAGNETIC STRIPE ENCODER

PROXIMITY ENCODER

PORTABLE PROGRAMMER (PP)

Once the programme has been installed, it will initialize the locks and transmit to them the hotel's access plan.

In case of emergency, it can activate opening depending on each authorization level.

It can also update the lock in case of time changes, etc., and also detect operative problems.

It receives the register of events from the locks (up to 1,000 per lock).

RFID PROXIMITY ENCODER

It records each user's information in the credential's chip (cards, wristbands, etc.) and reads the existing data.

MOTORIZED ENCODER

It reads and writes on the three tracks of the Magnetic Strip. It allows programming instructions for locks (track3), POS terminals (track2) and intelligent energy saving devices (track1).

CARRIER

HUB
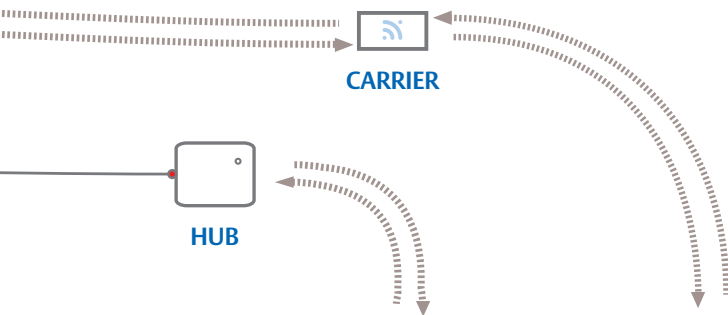
ON LINE WIRELESS LOCKS AND WALL READERS

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 report of locks with low battery level.

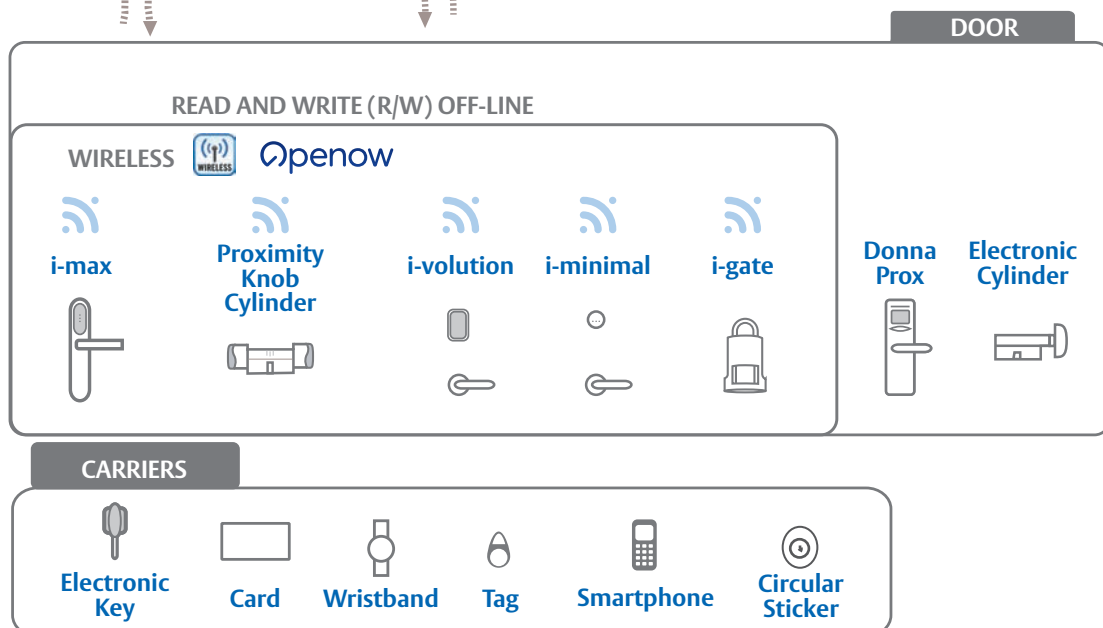Any change made in the software database is updated in real time:

-Giving access to users and guests.
-Denying access to users and guests.
-Remote opening from the software.
-Remote recording of internal handle activation.
-Remote activation of pass mode.
-Time setting.

Software alarms:

-Wandering intruder: 3 attempts with the same card in different locks in less than 1 hour.
-Standing intruder: 3 attempts with different cards in the same lock in less than 1 hour (i.e. lost cards).

Alarms warning:

-In the software and via e-mail.
-Opened door, closed door and Intrusion; this requires door detector in the locks.
-Low battery detection.
-Internal handle detector (it registers the "openings" from the inside).

TESA ASSA ABLOY system

DOOR

READ AND WRITE (R/W) OFF-LINE

WIRELESS Openow

| i-max | Proximity Knob Cylinder | i-volution | i-minimal | i-gate | Donna Prox | Electronic Cylinder |

CARRIERS

| Electronic Key | Card | Wristband | Tag | Smartphone | Circular Sticker |

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.

HUB

RECEPTION

Proximity Cylinder | i-max | Wall reader | i-volution | i-minimal | i-gate
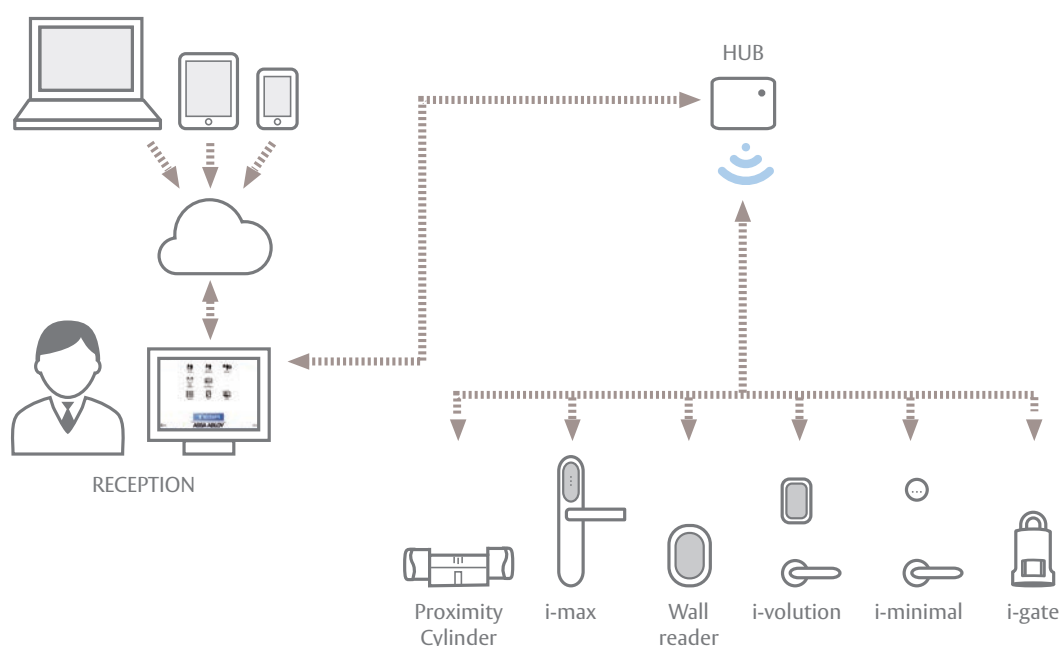
SMARTPHONE KEYS

Users automatically receive the virtual key from the system via an app downloaded into their smartphones, enabling them to open their door. Access permissions will only be valid during the guest's stay. Also valid for the use of hotel / installation staff. Enables remote lock opening.

Openow

The technology that turns your smartphone in the key of your hotel room.

SMARTPHONE KEYS

Keys and cards are a thing of the past. Thanks to this app, guests or/and hotel staff can access their rooms and other hotel doors for which they are authorised through their smartphones, using Bluetooth® low-energy technology. These access permissions may 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.

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 GUESTS

Prevents reception queues. Once the date of stay at the hotel arrives, the necessary access permissions will be automatically activated on their smartphones. Should another access permission be required, it may be requested without going down to reception.

Avoids worrying about the loss of keys/cards.

Check-out is automatic. Once the client's hotel stay ends, hotel access automatically disappears from their smartphone.

Donna lock.
Security and flexibility.

IDENTIFICATION TECHNOLOGY

Proximity: Reading and Writing Locks (**R/W**): collecting of events, card cancellation, updating of the locking plan, battery level, etc. with no need to use a portable programmer, using only the card or any credential.

It can be integrated with other applications that employ RFID proximity technology according to the ISO-15693 and MIFARE™ CLASSIC ISO-14443 A standards.

The credential that opens the door may come in several formats: a card, a tag, a wristband, etc.

Encrypted coding of data onto the card.

Can be integrated with other applications or TPV, recording ISO codes on tracks 1 and 2 for use on the same card.

ELECTRONIC AND MECHANICAL SECURITY

Latch with 17mm projection.

Optional: ADB lock with automatic deadbolt projection: the deadbolt is always projected automatically, double security.

The handle turns freely when access is not authorized.

Optional: hidden emergency cylinder.

EXTREME (optional): waterproof model capable of resisting all climatic conditions.

The lock is protected by sealing joints; its parts come with an anticorrosion finish, tropicalized circuits, an internal draining system, CM, CR, PVD finishes, etc.

Donna
Proximity

ADAPTABILITY

Easily adaptable to all kinds of doors, whether a new door or the replacement of a former lock on an existing door.

DESIGN

Standard with TESA ASSA ABLOY logo.
Optional: customize with the hotel's brand image.

A wide range of handles and finishes in order to fit in with the hotel's style.

TESA ASSA ABLOY is not responsible for possible design changes regarding the design of the photographs presented in the catalogue.

Donna with panic bar

Complies with UNE-EN 1125 and 179 standards.

Models
Donna: standard.
Donna Extreme: waterproof.
Donna Retrofit: refurbishments.
Donna for glass doors.

Handles

	HERMES		TOLEDO
	JEREZ		GRANADA
	KIRA		BARCELONA
	ARKO		FLARE
	SENA		VECTOR

LP Polished Brass	LM Satin Brass	CR Satin Chrome	CM Satin Chrome
LA Antique Brass	LPD Polished Brass - PVD	LMD Satin Brass - PVD	NE Satin Brass

Mortise locks

EURO / ADB   ANSI   SLIDING

TUBULAR (3500 o CIP)   TUBULAR + BOLT (CIT)   TPB/ TAB

Accessories
Wall readers (see page 15).
Safes and cabinet locks (see page 16).
Energy saving devices (see page 17).

9

i-max, a small change that changes everything.

MODERN SECURITY, OUTSIDE AND IN

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

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

PRACTICAL AND CONVENIENT

The EN1906 certificate (grade 4 category of use) guarantees protection against misuse.

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

Compatible with PIN check-in, enabling guests to directly access their room without having to pass through reception.

Compatible with mobile phones through the Wireless or Openow app.

i-max

I-MAX LOCK WITH KEYPAD

Enables guests to access their rooms directly using a personalised PIN code, thereby avoiding the need for round-the-clock reception staff. Compatible also with the use of RFID proximity cards, as well as with smartphone opening using the Openow app.

-PIN opening: The system can automatically send the guest an email with the keypad PIN code that provides access to their room and common areas the PIN code can be cancelled automatically upon check-out.

- Smartphone opening: the TESA Hotel software can automatically send a virtual key providing access to rooms and common areas to guests' or hotel staff's smartphones, using the Bluetooth-enabled Openow app.

- Extremely hard wearing locking mechanism (EN1906, grade 4 category of use).

i-max with keypad

TECHNICAL FEATURES

- For wooden or glass doors, metal profiles or sliding doors.

- Volume of traffic: Medium-high

- For outdoor use: IP56 (Extreme version).

- Humidity: up to 85% without condensation -20º and +70º

- Battery operated (between 75,000 and 105,000 cycles max.) 2 years on standby.

- Battery type: 3 LR03 AAA 1.5V alkaline batteries.

- Multi-authentication: Card + PIN, only PIN, only card.

- Certificates: CE (EMC, R&TTE), ROHS, REACH, WEE, EN1634 (Fire). EN1906 with grade 4 category of use.

- Compatible mobile solutions: Openow™ (Bluetooth Low Energy) and TESA (remote opening App).

- Scalable management system: the electronic locks can be updated from Self-programming > Reading and writing > Wireless Online.

MIFARE™ CLASSIC   MIFARE™ DESFire™   SKIDATA   iCLASS by HID

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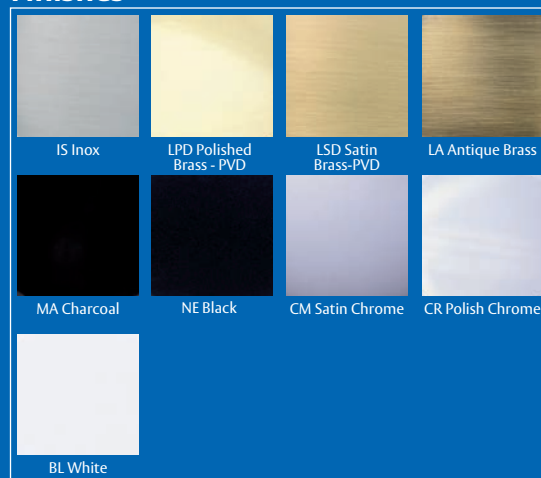i-max: RFID proximity lock.
i-max: proximity lock with keypad.

Handles

SENA		XARA	
VECTOR		ZAFIRA	
CUBO		FSBE	

See other handle models.

Finishes
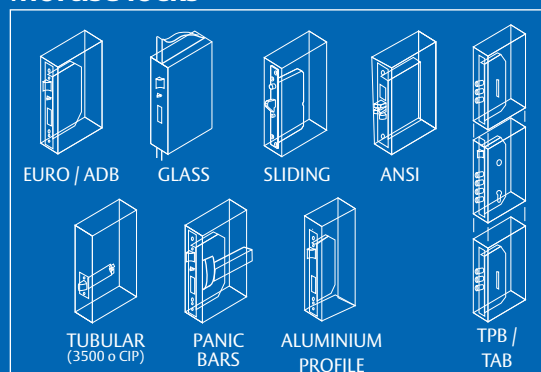
IS Inox	LPD Polished Brass - PVD	LSD Satin Brass-PVD	LA Antique Brass
MA Charcoal	NE Black	CM Satin Chrome	CR Polish Chrome
BL White			

Mortise locks

EURO / ADB	GLASS	SLIDING	ANSI
TUBULAR (3500 o CIP)	PANIC BARS	ALUMINIUM PROFILE	TPB / TAB

Accessories
Wall readers (See page 15).
Safes and cabinet locks (see page 16).
Energy saving device (see page 17).

i-max

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.

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.

- Careful minimalistic design.

- Secure encrypted communications.

- Total wireless online control.

- A wide range of finishes and handles.

A single platform, Tesa Hotel, and two systems: Read&Write or wireless online.
Easily upgradable to wireless online model.

- 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: contactless Mifare Classic or ultralight 13.56MHz RFID chip. 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 time shifts.

- 20 status changes in operational mode (block, free access, etc.).

- 255 calendars, automatic DST.

- 3000 users.

BATTERY MODULE

- Three AAA alkaline batteries LR03 1.5V

- Estimated autonomy: 105,000 (wireless model) and 80,000 cycles (Read&Write model) or 3 years on standby approximately.

- Batteries 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.

- May be installed on door widths of between 30 and 140mm.

OPERATING CONDITIONS

- Humidity: Up to 85% without condensation.

- Outside temperature between -20º and 70º.

- Interior between 0ºC and 50ºC

- Fire: Lock certified fire-resistant for 60 minutes.

- Certificates: CE (EMC, R&TTE) / ROHS, REACH, WEE / IP56 / EN 14846 / EN12209 / RF60

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

FSB

Xara

Zafira

Tundra

Finishes

A variety of finishes: allows for 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.
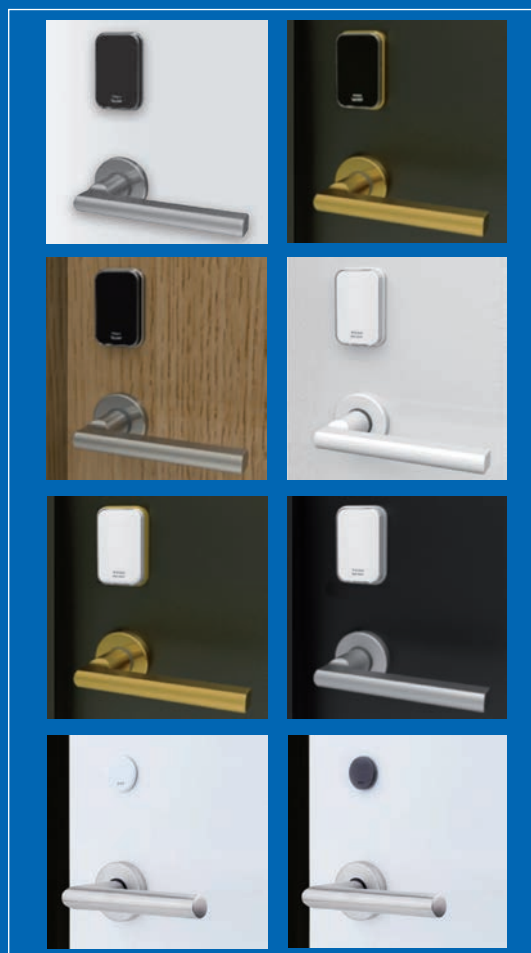
the ideal solution for special doors that require proximity, reading and writing, wireless technology or mobile opening.

Openow

WIRELESS

Proximity knob cylinder

NEW MODEL

-More robust.
-Ergonomic and cutting-edge design.
-Higher variety of finishes (consult availables).

RFID PROXIMITY TECHNOLOGY

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

R/W and RFID proximity 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.

Thanks to Openow BLE, a 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.

The only access control system combining electronic and mechanical cylinders.

IDENTIFICATION TECHNOLOGY

Reading and Writing contact chip (R/W): collecting of events, card 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 small key with a proximity chip compatible with other proximity devices on the platform.

C-Tec

SEAMLESS SECURITY

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

In addition to being highly resistance to physical attacks, it also has a watertight outer casing to provide protection against the elements.

Compatible with all online and offline TESA Hotel management systems.

Can use RFID credentials, Openow virtual keys or the TESA Hotel remote opening application.

NEW

i-gate

14

Security in all accesses.

Spy Design
wall reader

Spy wall reader

Spy with keypad
wall reader

Wall Reader
Updater

TESA ASSA ABLOY offers you security at each and every access point in your hotel, integrating the most sophisticated antiburglar device in order to prevent burglary.

WALL READERS. FOR YOUR PEACE OF MIND

In order to make your premises safer, you can place wall readers on perimeter doors, parking lots, lifts, health areas, swimming pools, both internally and externally.

FEATURES

Non-volatile memory: it can register the latest 1,000 events. Up to 2,000 users per reader.

Available in all technologies: RFID proximity according to the ISO-15693 and ISO-14443 standards A mifare®. Reading and Writing (R/W).
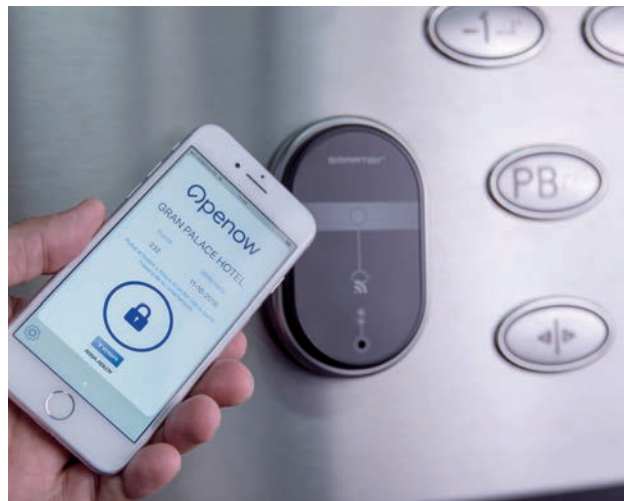
MIFARE™ CLASSIC   MIFARE™ DESFire™   SKIDATA   iCLASS by HID

Operational options: off-line (autonomous), on-line wired using the Wall Reader Updater and on-line wireless, without the need to wire the installation. Compatible with Openow.

Available with a relay plate, two relays or eight relays for installation in lifts for up to 40 floors.

The strong range.

SAFES. INTERNAL SECURITY

Display for easy code entry.

Motorized opening and closing.

Laser-cut door, with optimized adjustments that prevent the safe from being levered off.

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: the display makes it easy to enter codes. A register of up to 1,000 openings and/or opening attempts.

Magnetic Card + Keypad. Double security and double the advantages.. If you want maximum security, choose the safe that combines card + keyboard. The hotel manager will decide whether to charge the guest for the use of the safe.

Proximity credential + Keypad. As with the Card + Keypad safe, it ensures double security and the decision of charging the guest for the use of the safe. With all the advantages of **MIFARE**™ proximity technology.
CLASSIC

Cabinet locks. Relax for the guest.

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

A credential which allows the guest to move freely around the hotel: bedroom, common access areas and gain access to safes, energy savers and cabinet locks.

Everything is managed from one single management platform. Possibility to install the cabinet locks without management devices.

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

Two models, one solution:

Motorized cabinet lock. Two operating modes:

-Fixed mode (hotel guests with the same card of their room they have assigned a cabinet lock). More than one user can open the same cabinet lock (skistorage, families...).

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

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

Emotion Locker: Enables event recording as well as shift and use timetable programming.

Motorized cabinet lock

Emotion locker with opening and timetable control.

Saving and cost efficiency at all levels.

ADVANTAGES

- Energy saving: guaranteed reductions of up to 40% in electricity consumption when the room is occupied, and no consumption at all when it is empty.

- Electricity and air conditioning are switched off automatically when the guest leaves the room.

- Courtesy time: It allows a "courtesy time" from the moment the guest removes the 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.

OFF-LINE ENERGY SAVERS

It incorporates different technologies: Magnetic Strip or RFID proximity ISO 14443A MIFARE™ CLASSIC standard.

Possibility of simple energy savers; they do not distinguish if the card belongs to the installation.

Energy saver

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.

This way, power in the room turns on when people are inside and turns off when the system no longer detects anybody.

WIRELESS ON-LINE ENERGY SAVERS

Using gateways, wireless online energy savers tell the central system in real-time whether there are any guests or maids in the room and enable effective monitoring of room temperature.

They can also turn off the air conditioner or heater when the client is not in the room (even having left the card inserted in the energy saver) or when opening the door or window (it requires motion sensor and/or door/window sensor).

Volumetric sensor

Door sensor

Embedded volumetric sensor

Embedded door sensor
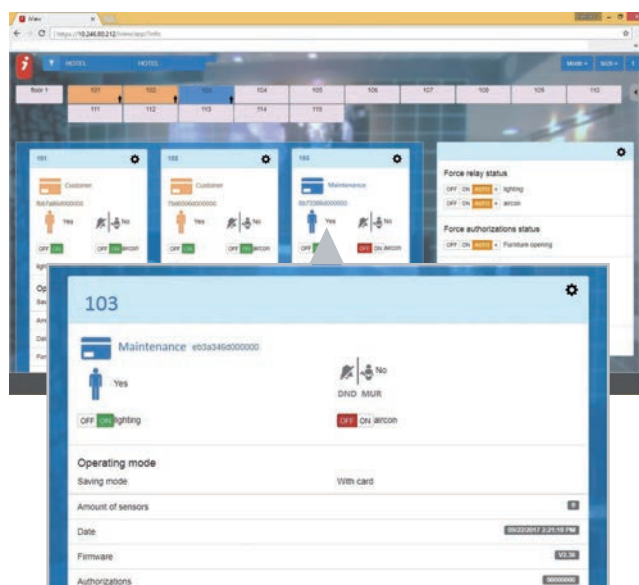
ID TESA document reader.

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

Easy, quick and efficient solution for capturing and processing documents in reception.

No more queuing in reception. You can do the reading in less than one second, with a specific device that avoids agglomerations. Elimination of filing costs.

ID TESA captures, reads and sends document information automatically to the management program (PMS).

ID TESA

Ideal solutions for emergency exits.

Universal 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

Emergency exits with electronically controlled external access.
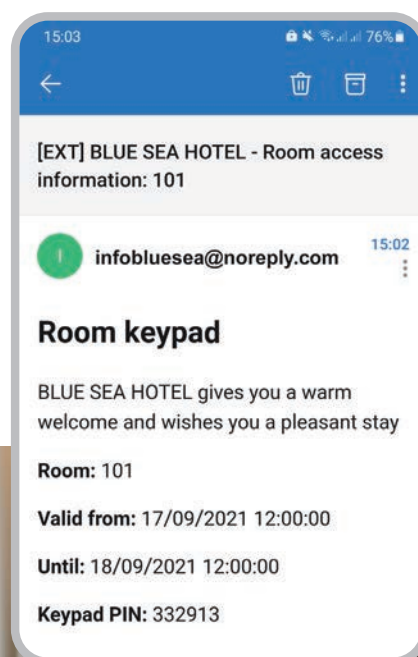
PIN check-in solution.

It is no longer necessary to have reception staff working 24/7, or to be present when handing over keys to tourism apartments. TESA ASSA ABLOY offers different solutions to improve the guest experience and simplify day-to-day management, capable of controlling these remotely.

PC&Software

Communications HUB (connects to up to 30 doors)

Code: 1234
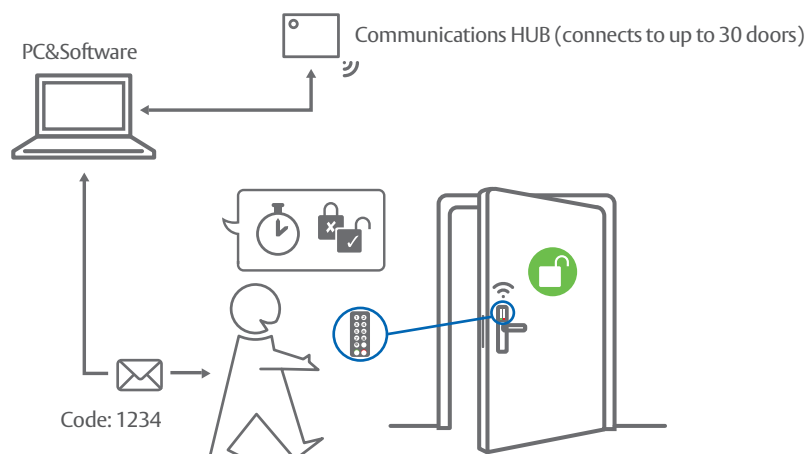
PIN OPENING

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.

15:03

[EXT] BLUE SEA HOTEL - Room access information: 101

infobluesea@noreply.com   15:02

Room keypad

BLUE SEA HOTEL gives you a warm welcome and wishes you a pleasant stay

Room: 101

Valid from: 17/09/2021 12:00:00

Until: 18/09/2021 12:00:00

Keypad PIN: 332913