



Real-time access control by your side!



ASSA ABLOY

SMARTair™ Pro Wireless Online,
flexible online control for smart facilities.

ASSA ABLOY, the global leader
in door opening solutions

Be smart in a busy and constantly moving world – select SMARTair™.

You can have real-time control of all access points of the building, knowing who enters, where and when. SMARTair™ Pro Wireless Online allows you to create and cancel cards and to change access rights and time zones at the installation. Ensure both flexible and flawless use of the building without compromising security or control.

An access control system that is not only easy to install and maintain but also provides real-time information and remote control. Receive alerts via email to stay up to date on everything that is happening at the facility. Thanks to the web client, you will be able to monitor and make changes with no need to be physically present at the installation.



Real-time access management



Flexible access schedules



Real-time monitoring



Advanced Alerts



Easy user management



Easy door management



SMART security advantages.

- Real-time information: audit trail 24/7, wherever you are, with the click of a button.
- Change access rights and time zones instantly from your PC, tablet or mobile phone.
- No need to walk from door to door to update the access plans or collect the audit trail.
- Remote door control. Instantly unlock or lock a door with a simple click.
- Receive alerts on your email when a device's battery is low, for intrusion attempts or when doors are left open.
- Secure end-to-end encryption from the central server to the door devices.
- Distributed intelligence: 100% stand-alone, operative devices, even under network or communication breakdown.



“SMARTAIR™ allows me to control and change access rights in real-time anytime and anywhere.”

.....
Jonathan Reilly
Security Manager

Enjoy the benefits of wireless access control with real-time functionality.

With SMARTair™ Pro Wireless Online, your business will not only gain in image and prestige, but it will also gain in peace of mind and security. Effortlessly get maximum control of your building and the staff working for you so that you spend your time on

the most important task: your business. But that's not all: because of the wireless system, installation is cost effective and, during use, there is maximum energy efficiency.



Wireless encrypted communication



Real-time access changes



Multiple authentications



No wiring – battery powered

“I need to rely on a quality access control system in order to run my business.”

.....
Andrea Sanders
Managing Director



SMART access advantages.

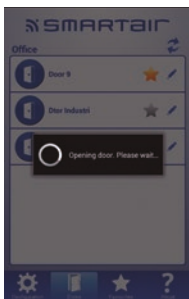
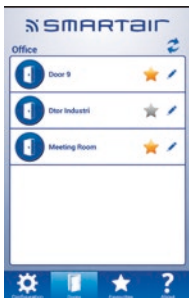
- A unique solution for the whole building that can fit in all types of doors and access points: wood, glass, emergency exits and fire-resistant doors, barriers, elevators, etc.
- Full control of all facility access points instantly and from anywhere.
- Cost effective solution: no wiring and fewer elements than traditional access control systems.
- Low maintenance requirement. Door devices are battery operated and have low power consumption.
- Easy to install, no wiring or pre-installation required.
- Robust performance: Mechanical elements, electronics and communications devices are all certificated under EU and International Standards.



Easy access for your employees with the latest access technology.

Offer comfort and flexibility to your employees thanks to the smartest access control system. With SMARTair™ Pro Wireless Online, you can offer advantages to the people who work in your company, avoid problems and enjoy utmost

reliability. Avoid hassles for the facility's users by providing them with multiple types of credentials so that they can choose the ones that best suits their needs.



Intuitive App to open doors from your smartphone

“My phone is my key.”

.....
Eva Martínez
Employee



SMART use advantages.

- Use the SMARTair™ App to open doors instantly from your smartphone.
- No need to go through a card updating spot to update access rights, or for constant card revalidation.
- Create extra access points on the go, even if you work in a multi-site organisation.
- Multiple credentials available to fit every need (card, tag, bracelet, App).
- Multi-authentication mode: card, pin, card+pin. Choose the one that best fits your needs.
- Multiple applications for the same credential (access, payment, transport, etc.). Same credential for access control and for other purposes.
- Intuitive management software. No need for expert personnel or extensive training for system managers, receptionists or the Human Resources Department.



How SMARTair™ supports everybody's daily business.

3 Remote opening:

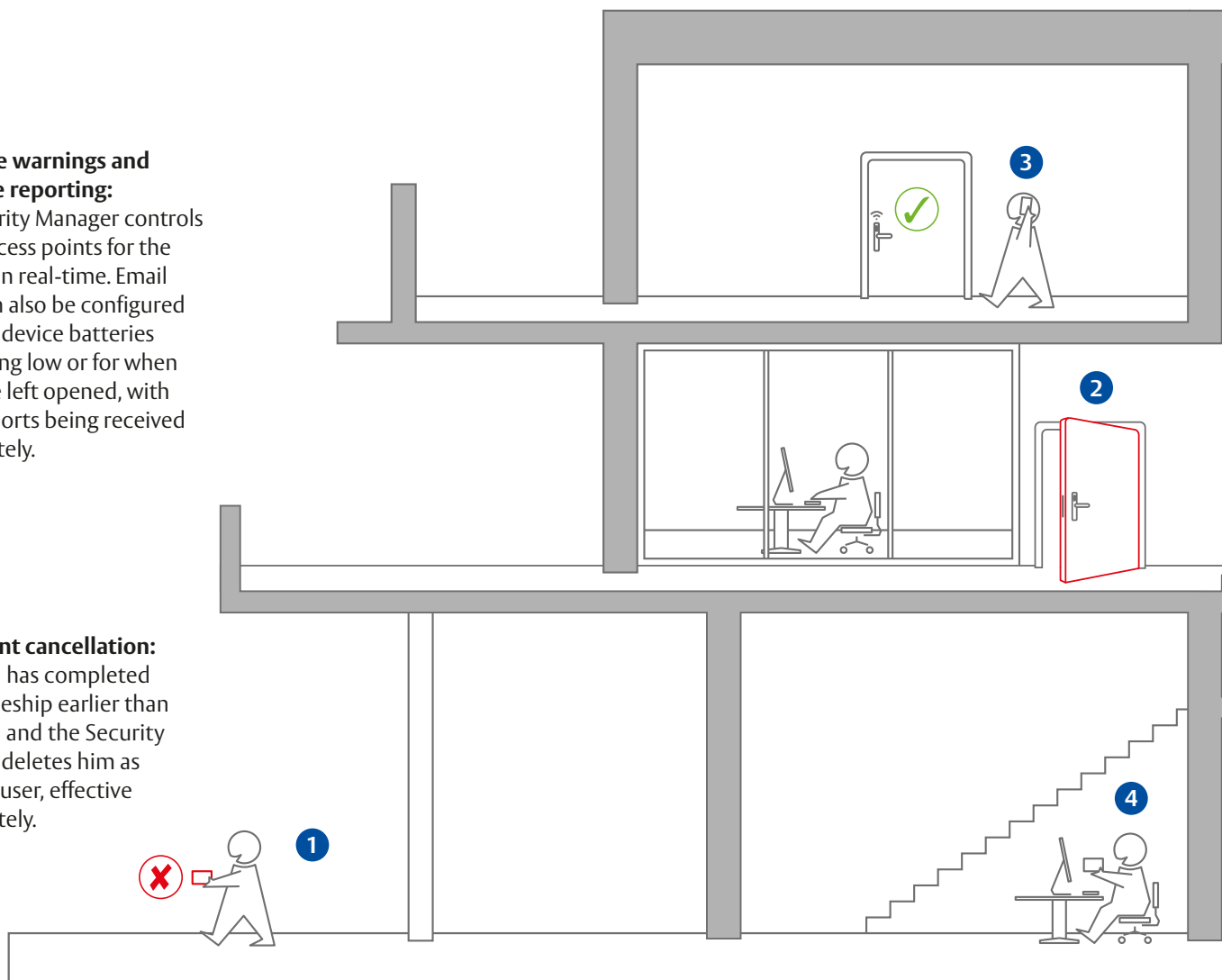
An employee has left his card at home. With just a phone call, the Security Manager can open the door to his office using the SMARTair™ App or the software.

2 Active warnings and real-time reporting:

The Security Manager controls all the access points for the building in real-time. Email alerts can also be configured for when device batteries are running low or for when doors are left opened, with these reports being received immediately.

1 Instant cancellation:

An intern has completed his traineeship earlier than expected and the Security Manager deletes him as a system user, effective immediately.

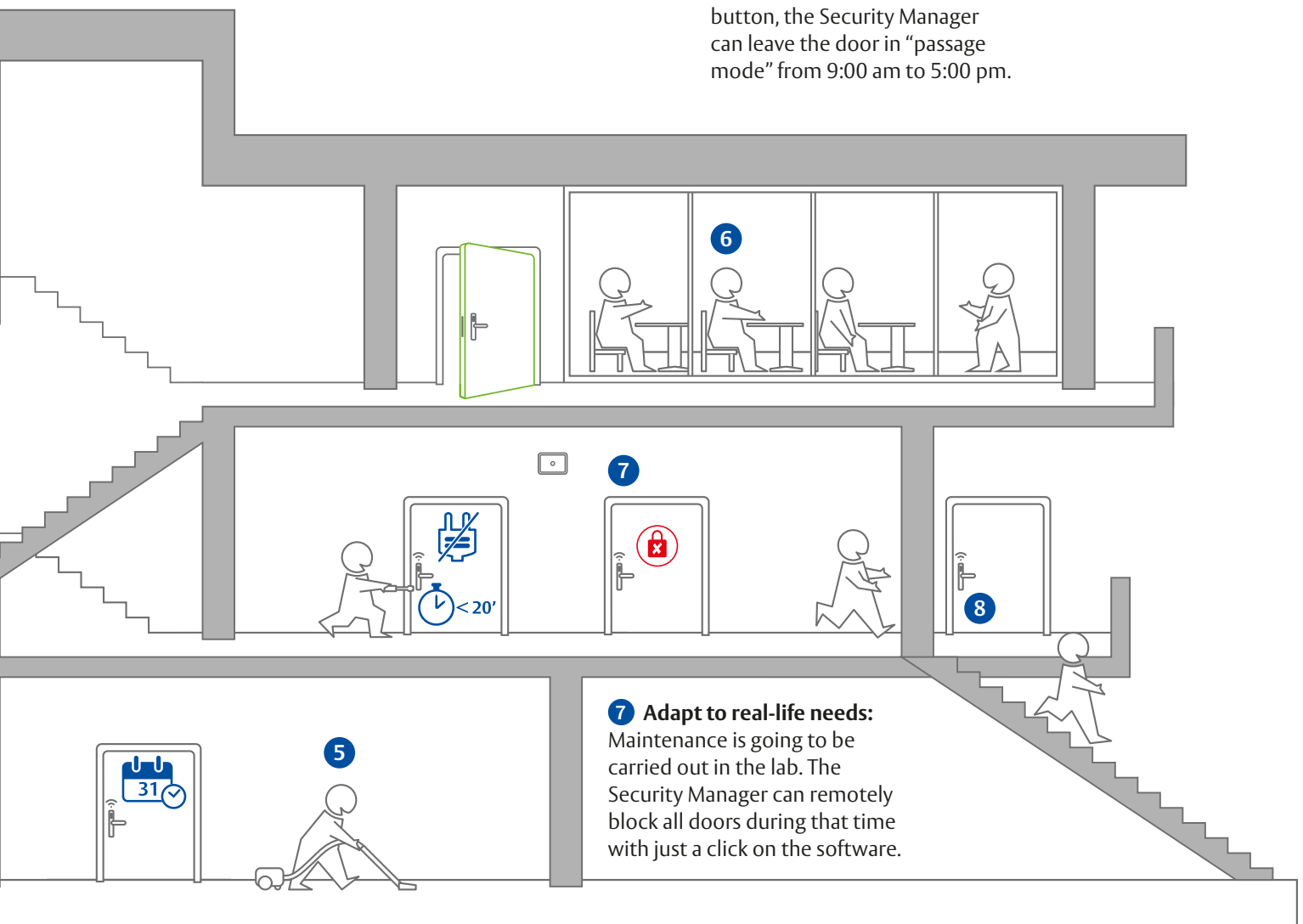


4 Real-time door updates:

The receptionist creates a new card for an employee that has lost her card; the old card is cancelled instantly from all the doors and replaced by the new one.

6 Remote flexibility:

Today there is a group of external visitors in the showroom. With the click of a button, the Security Manager can leave the door in “passage mode” from 9:00 am to 5:00 pm.



5

5 Time & schedule change:

The Security Manager modifies the cleaning schedules and doors are updated remotely. The cleaners can enter without the need to update their credentials.

7 Adapt to real-life needs:

Maintenance is going to be carried out in the lab. The Security Manager can remotely block all doors during that time with just a click on the software.

8 Door security info:

An intruder has tried to access the back door with a stolen card – access is denied as the card was cancelled in the system; as a result, the escutcheon sends a denied access alert to the Security Manager, who immediately goes to the door to see what has happened.



How can we keep control in a world of...

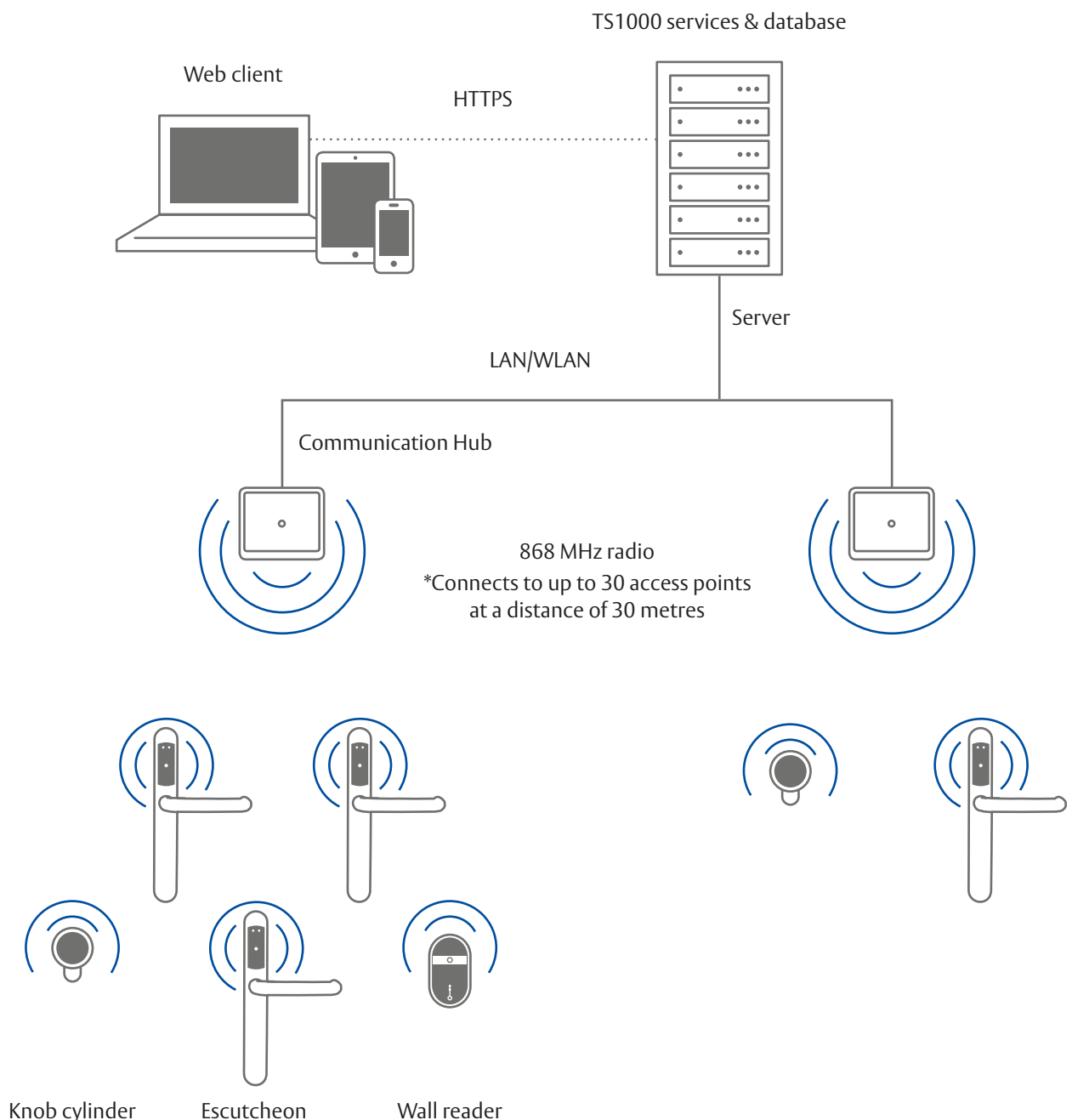
- constantly changing work environments,
- shifting security requirements,
- pressure on efficiency and costs

The answer is SMARTair™: Future-proof system architecture with real-time access control.

Go straight to the future. SMARTair™ enters a new dimension and offers a new degree of intelligence. Forget about wiring the doors, walking all around the building to re-programme the system or forcing users to go through an online system to make updates. The smartest access control system imaginable is finally here.

SMARTair™ Pro Wireless Online is an intelligent access control system that uses bi-directional

encrypted radio frequency communication to provide security, control and great convenience and mobility to all building users. SMARTair™ wireless door devices communicate with a central control system via TCP/IP onsite Hubs. Opening doors from anywhere, configuring access rights remotely, or obtaining real-time audit trails for any access point within an organisation are few of the smart advantages of SMARTair™ Pro Wireless Online.





Several designs to expand your security...



Wireless encrypted communication



Any type of door or access point



Battery powered



Door and wall devices.

- Wireless and battery-powered electronic escutcheons, cylinders and locks can be installed in any type of exterior and interior door or access point (wooden doors, aluminium-profile doors, fire resistant barriers and escape routes).
- Euro, Scandinavian, ANSI, Australian and DIN are only some of the door profile options available to ensure 100% compatibility with the variety of market needs.
- Modern and elegant design with a variety of finishes to fit any building style.
- Wired wall readers are available for electrically activated devices such as barriers, elevators, automatic doors, lifts and turnstiles.
- SMARTAIR™ locking and management equipment have been analysed in terms of their environmental impact and ISO 14025 and EN15804 standard certified, along with their corresponding EPD documents. All door devices comply with European or International Standards and Certifications.
- The SMARTAIR™ product range is topped off with solutions for special applications such as cabinet locks and energy-saving devices, all of which are configurable in the same system without the need for an extra module.



...and enjoy what real-time control can do for you.



Intuitive management software



SMARTair™ TS1000 software.

- Arguably one of the most intuitive management software on the market. Offers flexibility and real-time control.
- Client-server architecture with web services allows for the management of the system virtually from any type of device and from multiple points. There is no need to be physically at the installation, nor is there any software installation for clients.
- Compatible with most popular web browsers such as Chrome, Safari, Firefox and Internet Explorer.
- Https secure connection between client and server.
- TCP/IP SSL encrypted communication between server & communication Hubs.
- SMARTair™ TS1000 software is easily upgradeable from the Update on Card system to the Pro Wireless Online system, combining the benefits and securing prior investments.



Communication Hubs function as nexus



Communication Hubs.

- Communication hubs are the nexus between the management software server and the wireless online devices.
- SMARTair™ hubs do not require their own wiring as they are connected to the existing TCP/IP network.
- POE connection allows the Hubs to be powered directly from the communications network.
- Secure communications:
 - 868 MHz radio communication with doors, with AES128 encryption.
 - SSL encrypted communication with server.
- Each Hub can manage up to 30 access points (doors, barriers, lifts, etc.) at a distance of 30m,* which again positively impacts the cost effectiveness of the system.
- Bi-directional communication allows for direct control of doors, and active warnings with maximum flexibility.

*This distance could increase or decrease depending on the type of building and door materials, as well as the positioning of devices.



Multiple credential



Credentials

- The system is compatible with the leading RFID technologies – HID iCLASS, MiFARE CLASSIC, DESFire and SKIDATA.
- Different types of formats such as cards, tags, bracelets or stickers allow end users to carry their credentials in the most convenient way for them.
- Mobile phones can remotely open doors using the secure SMARTAir™ App available for Android, iOS and Windows phones.
- The system can be configured to choose sophisticated multi-authentication modes.
 - Flexible timeframes can be configured for card, card+pin or pin only access modes.
 - Doors can be configured to remain open (passage mode) during certain periods.
 - Selected users can leave doors in passage mode and lock them again by double badging.
 - The first user can leave door permanently open and will come back to standard mode at a specific time (or by selected users).
 - Double user mode. Two valid cards are needed to open a door for added security.

“With SMARTAir™
real-time control
is by my side.”

Jonathan Reilly
Security Manager



ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY

www.assaabloy.com



ASSA ABLOY

TESA is the leading Spanish manufacturer and supplier of locking solutions and access control technology for the residential and institutional markets. TESA has a wide and complete range of products including panic exit devices, cylinders, security locks, knobs and handles, door closers, access control solutions with electronic cylinders, electromechanical and electromagnetic solutions and armoured doors. TESA exports to markets such as Latin America, Middle East, Europe, Asia Pacific and the North African countries.

SMARTair™ Your Access. Your Control.

SMARTair™ is a powerful access control system that offers an intelligent, yet simple, step up from keys. SMARTair™ is the cost-effective alternative to a full high-security system. SMARTair™ contactless, smart card technology is easily incorporated into existing systems, with multiple management solutions. No bells, whistles, or wires, just sleek, reliable security.

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