



**SMARTair®**  
Your Access. Your Control.

# SMARTair®

## Your out-of-the-box digital access solution

Maximize flexibility. Enhance user convenience

**MAUER**  
**ASSA ABLOY**

Experience a safer  
and more open world

## Is your access ready for what's ahead?

We help you digitalize and future-proof  
your buildings, meeting your individual  
needs and supporting your move from  
the mechanical to the digital world.  
We are experts in access.

**With us, you digitalize with confidence.**





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# People come and go through buildings like never before

## The need to manage access has evolved beyond security

*New demands and challenges have arisen:*

### Security

- Stop the threat caused by lost keys
- Monitor all access and security events
- Provide a safe workplace for staff and visitors

### Convenience

- Issue users with intuitive credentials
- Simplify access and security management
- Manage remotely, any time, anywhere

### Cost efficiency

- Save time and money wasted dealing with lost keys
- Reduce the ecological footprint of your buildings
- Define a concrete ROI for security enhancements





## SMARTair: Your step up to digital access

In no time and with minimal hassle, you will be experiencing the time- and cost-saving benefits of flexible, customizable digital access.

Our out-of-the-box solution offers all you need to make a seamless move from mechanical to digital access.

With SMARTair, you smart smart and stay smart.



# How your organization benefits from SMARTair



## Greater security for your building

- With SMARTair you know who enters where and when, in real time if needed
- Receive audit trails for every door and trace movements or investigate incidents
- Updating and revoking access rights is quick and simple



## Save time

- Access management is done by the software instead of manually, which reduces the hassle and time spent managing keys
- The system is easy to operate, straight out-of-the-box, which eliminates time-consuming and costly training



## Future-proofed

- Installation is upgradeable, from offline to online and vice versa, and without the need to change devices, protecting your initial investment



## Save money

- Wireless devices are fast and easy to install, saving cost
- Devices are powered by standard batteries, consuming much less energy than wired security doors and reducing maintenance costs
- Credentials can be cancelled immediately, eliminating the cost of making copies of keys and/or replacing cylinders when keys are lost



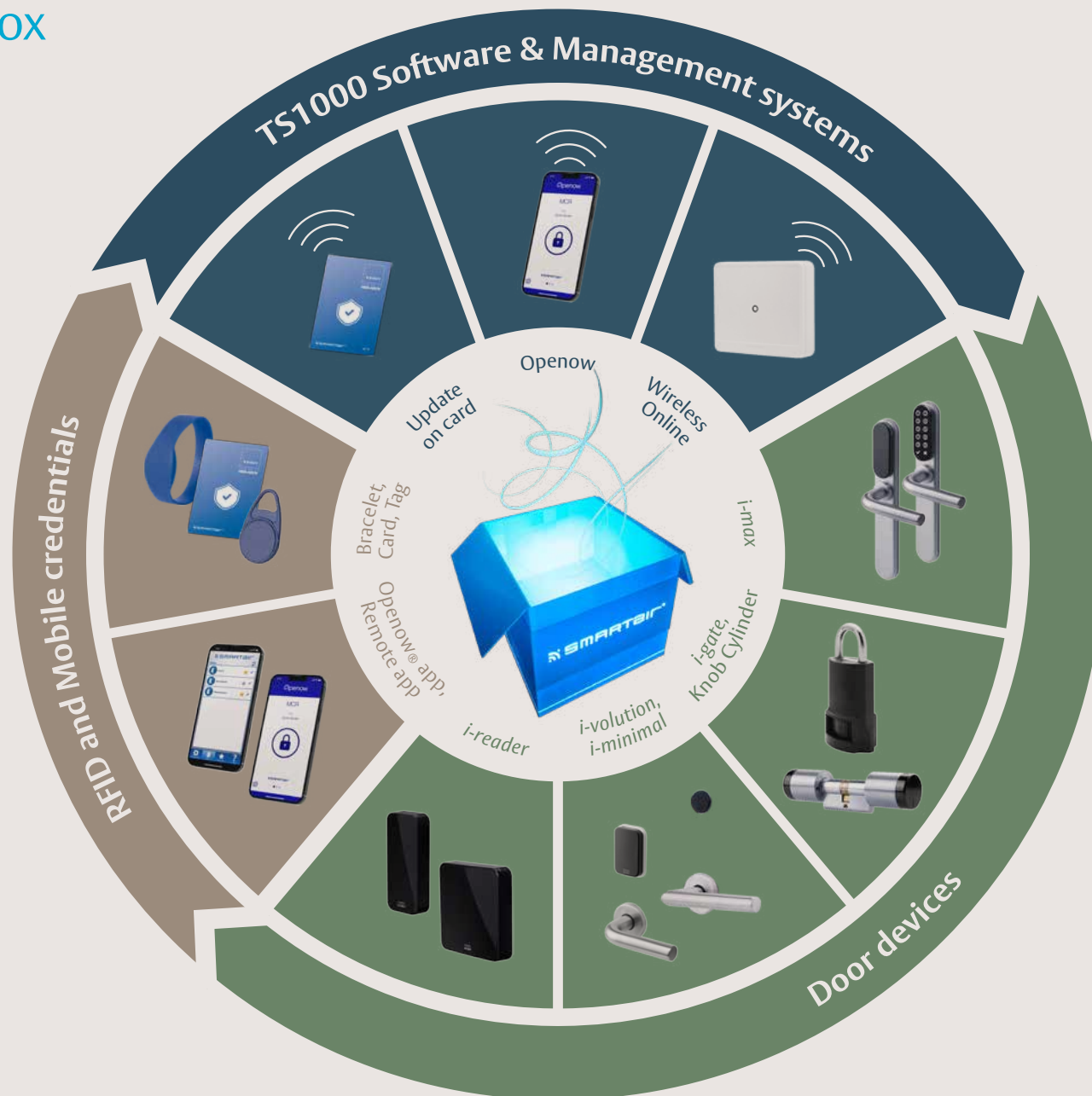


# What's inside your SMARTair box



## Credentials

A choice of convenient  
RFID and mobile  
credentials keep buildings  
and their users safe



## Software

Whether you need simple,  
secure access control without  
monitoring interactions, or  
frequently update access  
permissions for new hires and  
contractors, SMARTair has the  
right solution



## Devices

Products are available in  
different profiles and meet the  
standards and certifications of  
local markets. Multiple finishes  
ensure you have devices that fit  
your building style

## TS1000 Software

An intuitive, user-friendly interface  
to manage all your users and doors





# Total control at your fingertips



## Intuitive, fast, logical

With the TS1000, you define system users, doors, time-zones and calendar schedules. Once defined, it is simple to decide and program who can go where and when.



## Remote management

With TS1000 Web you manage your building from any device (PC, tablet or smartphone), and at any time, ensuring your facility is always under control



## Flexible

New doors, new users, new access rights and schedules are easy to incorporate at any time.



## Powerful

With its multiple high-end control functionalities you can customize the solution to your specific needs.



# Choose the SMARTair solution that fits you best

## Three management levels to match your control needs

*Because every company is different, SMARTair offers three tailored access management solutions.*

So, if you just need simple, secure access for your workers and rarely monitor interactions with doors and other access points... SMARTair Update on Card is the right solution to make your building more secure.

Or, if you make frequent new hires, run multiple shifts, interact with external contractors, often change users' access permissions and create new profiles... SMARTair Wireless online is the solution to make your life easier, too.



### Scalable and upgradable

Adapt an existing installation to your growing needs when required, while protecting your initial investment

#### Wireless Online

- Real-time access for maximum control
- Manage remotely with TS1000 software
- Online updating via communication hubs
- Remote door opening



#### Openow

- Real-time access for maximum control
- Manage remotely with TS1000 software
- Online updating via your smartphone



#### Update on Card

- Update in person at the doors
- Update transmitted via user card
- Periodic collection of events via user credential



# Wireless Online

## **Real-time access control when you need it**

- Always know who enters, where and when, regardless of where you are
- Create and cancel credentials, change access rights and time-zones any time
- Quickly set up email alerts to keep you up to speed with what's happening at the facility

## **The hub**

- Communication between door devices and the software is automated and encrypted by hubs
- Each hub manages up to 30 doors within a 30-metre range
- In case of communication failure, functionality is maintained offline with the latest information stored

## **Designed for...**

**Very high event frequency and regular need to collect door history**





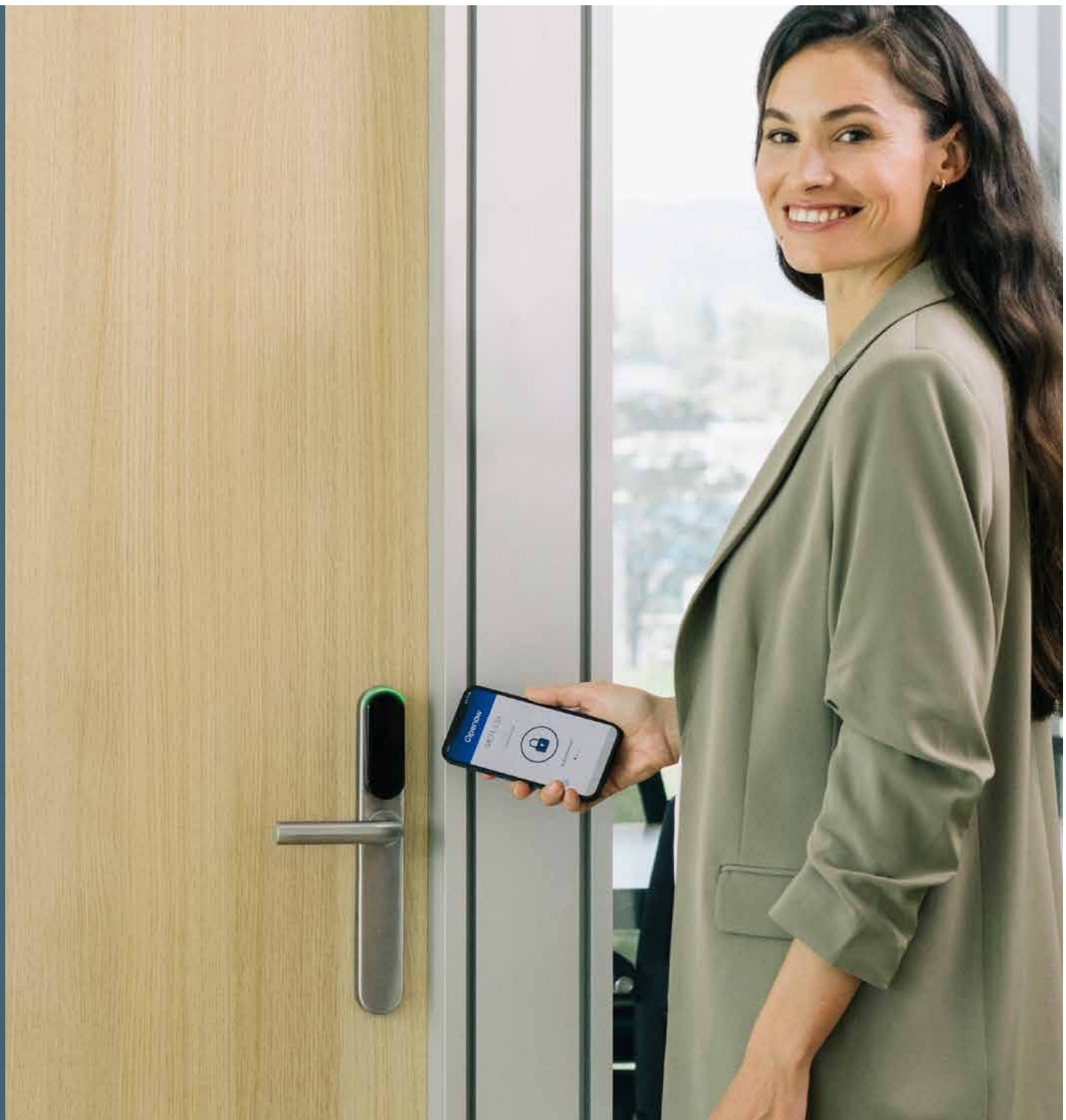
# Openow

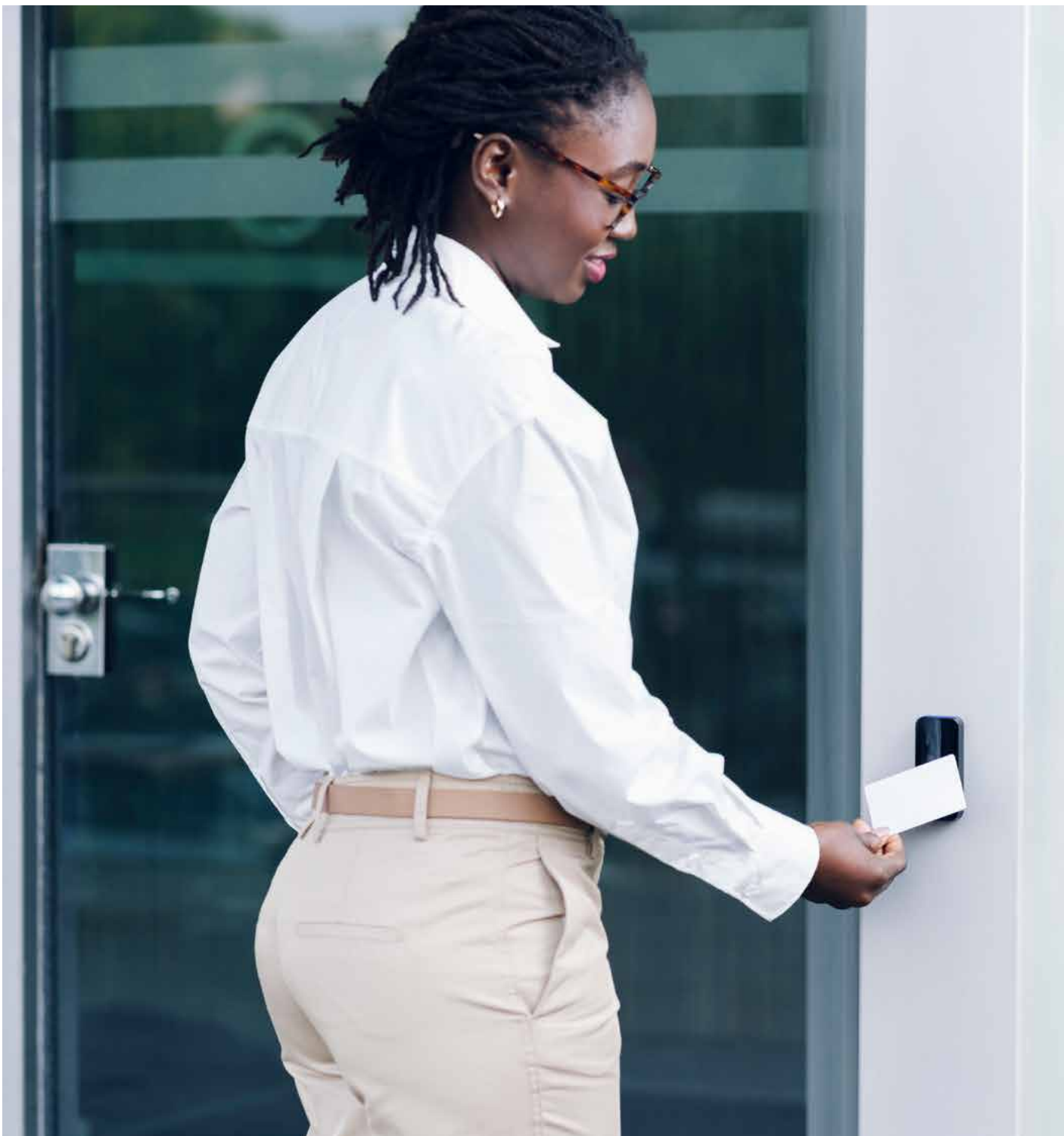
## Make your SMARTair access management system mobile

- Update the access plan and collect door history any time a user opens a door with their phone
- Set up trigger alerts to be informed of events like low battery, access denied or out of time-zone
- Secure data transmission for all communications ensured by industry protocols

## Designed for...

High event frequency and regular need to collect door history





## Update on Card

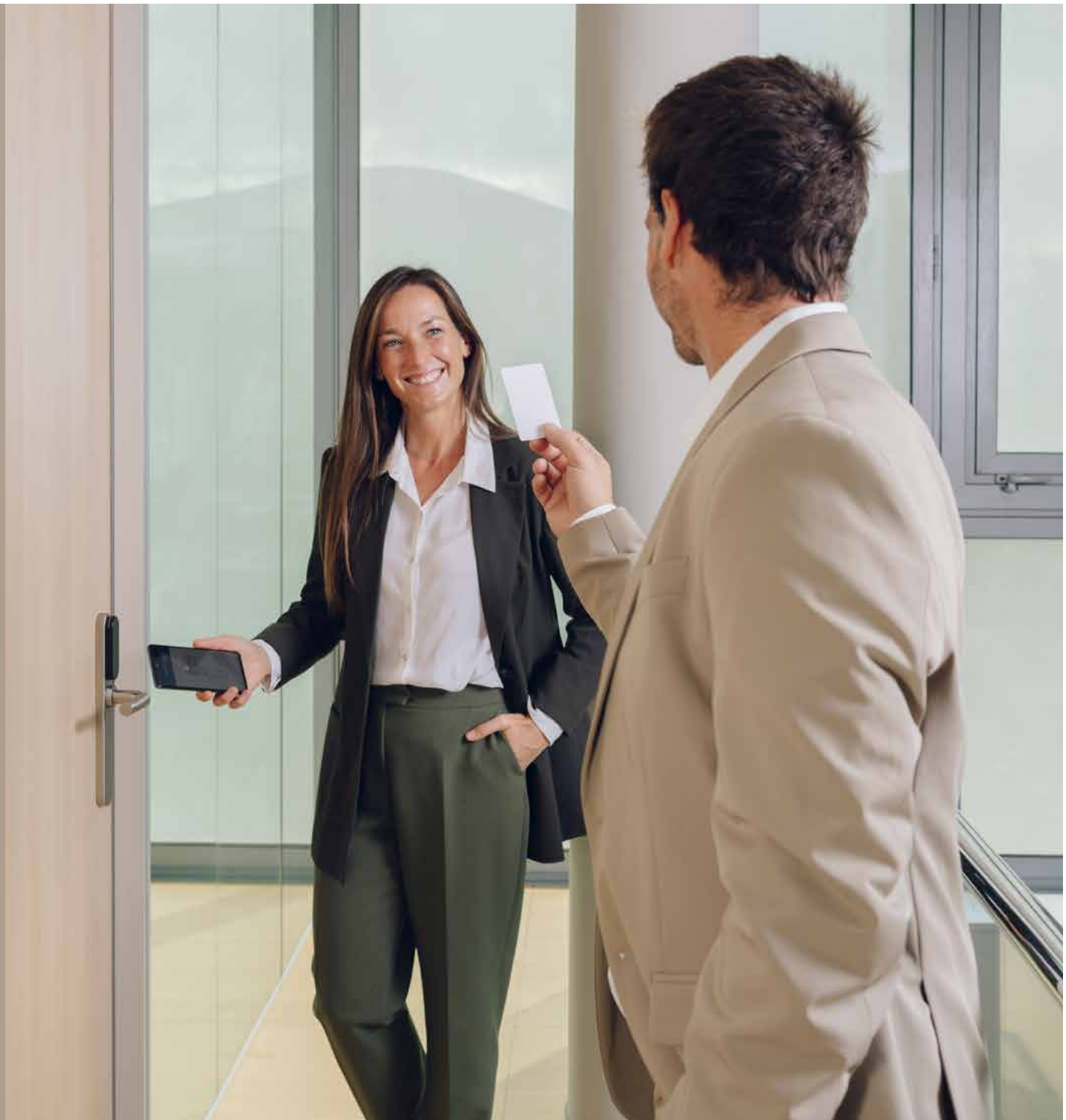
### Put users' cards to work for you

- Update on Card employs user RFID credentials for information exchange between system management software and your door devices
- Credentials register new users or modify their access permissions and collect events from the door
- When a user revalidates their credential via updaters, the system software collects events automatically
- Combine offline access control with wall updaters to ensure users and locks are frequently synchronized

### Designed for...

Medium event frequency and irregular need to collect door history

Card or smartphone?  
Why not both?





# Credentials

SMARTair offers flexibility by supporting standard RFID credentials and convenient mobile access via the Openow app. You don't have to choose between cards or smartphones, because different types of credential can be used simultaneously at the same site.



## Openow® App

Users can unlock doors with their smartphone, avoiding trips to collect physical cards. Openow holds unlimited virtual keys and is available for iOS and Android.

## Remote App

Effortlessly unlock doors from anywhere with remote control, allowing you to manage entry without being on-site.

## Card

The same card credential may be used for other applications like using vending machines or paying in the canteen. Enhance the security combining card and PIN.

## Bracelet/Tag

Recommended for care facilities where users may have age- or dexterity-related difficulties.



MIFARE™  
DESFire™

MIFARE™  
CLASSIC

DESFire®  
EV1, EV2 and EV3



SKIDATA®  
KUDELSKI GROUPE

Devices are battery-powered, making installation fast, easy and cost-saving



# Electronic Escutcheon *i-max*



Configure your  
device now  
using the online  
3D Viewer

## Intelligent by design

Tough and elegant, the SMARTair Electronic Escutcheon blends with any environment, no matter the building style or type.

Available in multiple finishes, it is designed for installations that combine a high degree of mobility with demanding security.



*i-max*  
with reader in white



*i-max*  
with reader in black



*i-max*  
with keypad





# Knob Cylinder



Configure your  
device now  
using the online  
3D Viewer

## The little device with big-league protection

The SMARTair Electronic Knob Cylinder has been perfected for greater attack resistance without compromising a stylish, functional design. The knob cylinder is lightweight, but also more robust.

Compatible with all types of door, it comes in a range of colours and finishes.



Double cylinder



Double thumbturn  
cylinder



Half cylinder



*i-gate*



# Wall Reader *i-reader*

## Adapts to any electrical opening

A digital locking device for automatic doors, turnstiles, boom barriers, lifts and any other opening which is automated with electric or electromagnetic components.



*i-reader* Standard



*i-reader* Design





## Electronic Lock *i-volution*



Configure your  
device now  
using the online  
3D Viewer

### Robust locking for maximum security

A sleek design makes this the perfect lock for sophisticated spaces.

The SMARTair *i-volution* offers the benefits of our Escutcheon, but with secure elements housed inside the lock itself.

### It includes sensors which register the following events:

- Door left open
- Door incorrectly closed
- Intrusion
- Mechanical cylinder use



*i-volution*  
with black reader



*i-volution*  
with reader in white



## Electronic Lock *i-minimal*



Configure your  
device now  
using the online  
3D Viewer

### Elegant simplicity for seamless security

The SMARTair *i-minimal* blends minimalist design with advanced technology, delivering reliable security. Its streamlined profile complements contemporary spaces, ensuring both style and safety.

### It includes sensors which register the following events:

- Door left open
- Door incorrectly closed
- Intrusion
- Mechanical cylinder use



*i-minimal*  
with black reader



*i-minimal*  
with reader in white



# SMARTair:

## Access management for your entire building

*Designed to enhance convenience and security, SMARTair devices are perfect for a wide range of spaces, doors and compliance requirements.*

### Versatile applications for almost any space, in and outdoors

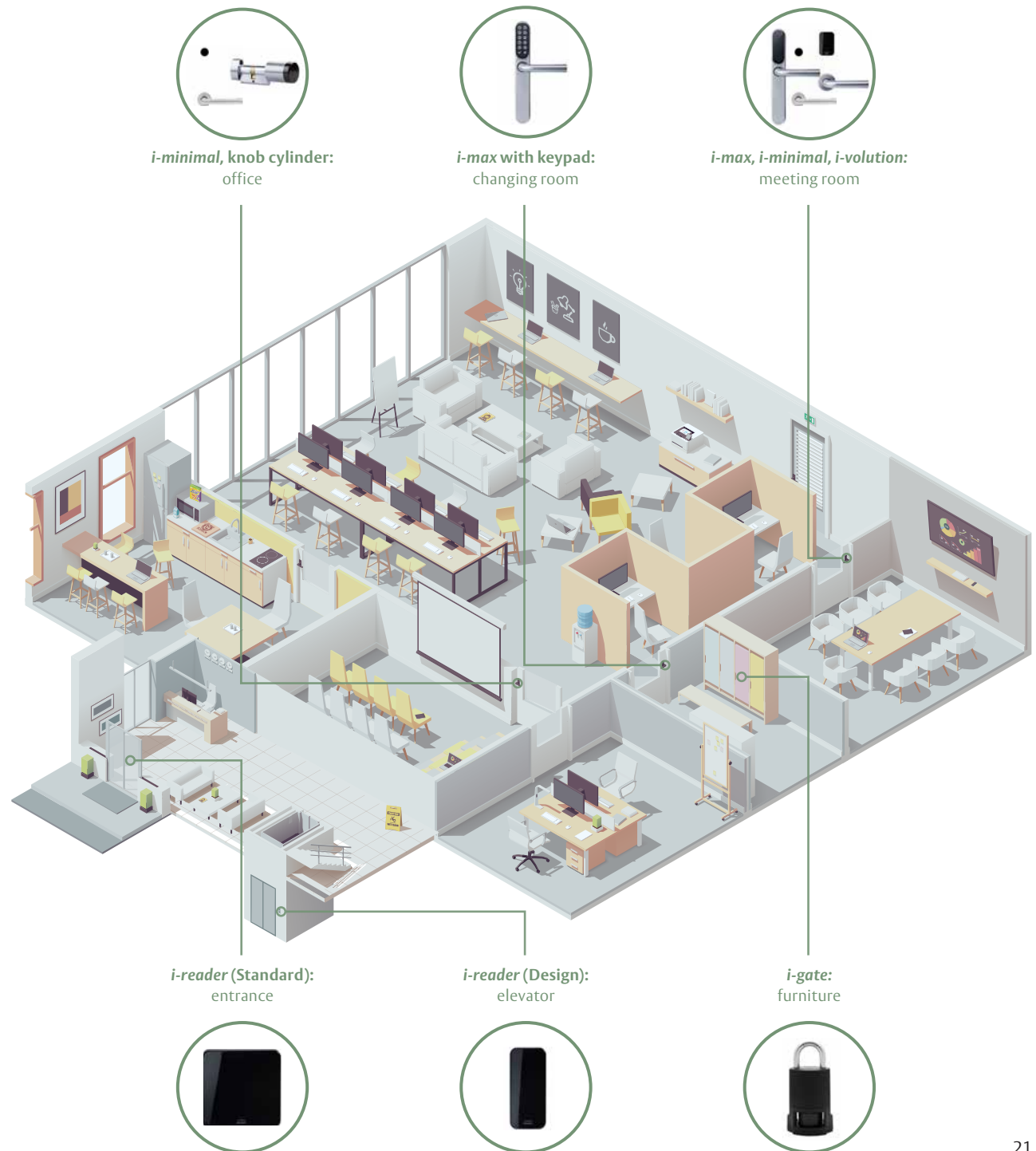
SMARTair is engineered to fit seamlessly into various environments, providing control and security wherever you need it: meeting rooms, offices, drawers & cabinets, entrances & gates, elevators and more.

### Compatible with most types of door

Suitable for wooden, narrow or glass doors, including emergency exits.

### Compliant with local standards

SMARTair ensures maximum safety and compliance by meeting the most important regulations and certifications:  
EN179, EN1906 Category of use Grade 4, EN1634 (Fire), EN15684 Class 6, SKG\*\*, EN1125 with panic devices and more, IP certificates for exterior usage.



SMARTair is trusted in education, healthcare, commercial offices, multi-residences, public buildings and many more places – all around the world





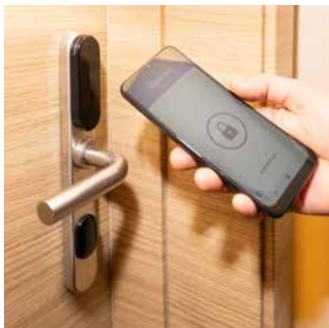
# Customer references



## STAY by Kronos

Madrid multi-residential complex streamlines operations with mobile digital access

Building managers quickly cancel any lost credentials and issue new ones — remotely if necessary — which reduces operating costs, maintains building security, and provides the flexibility they need every day. Residents enjoy much greater convenience.



## Focus

A French coworking space gains flexibility with real-time, cable-free access control

For easier installation and cost savings, Focus decided on a battery-powered rather than wired solution. In planning efficiently for the future, they wanted a solution to evolve with their business — adding new functionality without replacing devices.



## Colegio Diocesano Santo Domingo

SMARTair adds 21st-century access management to 16th-century doors

Orihuela's Colegio Diocesano, a historic site dating to the 1500s, is more than a school. With 2,000 daily users, it requires secure access to offices, teachers' rooms, computer labs, lifts, and its museum. They chose SMARTair to meet their diverse needs.



## Les Ports du Sud

French hospital benefits from cost savings and easy staff management

The solution offers a number of concrete advantages in future-proofing hospital access control. It provides managers with the flexibility to tailor rights to a whole team or just one person — and change or cancel permissions anytime.





Do you want to learn more  
about what SMARTair  
can do for your organization?

Request more information and an  
ASSA ABLOY digital access expert will get back to you



The ASSA ABLOY Group is the global leader  
in access solutions. Every day, we help billions  
of people experience a more open world.

ASSA ABLOY Opening Solutions leads  
the development within door openings  
and products for access solutions in  
homes, businesses and institutions. Our  
offering includes doors, door and window  
hardware, locks, access control and service.

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