ASSA ABLOY

Solution brochure

SMARTair® out-of-the-box digital access

Maximize flexibility. Enhance user convenience

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.

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 start 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

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

More on page 7

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

More on page 15

Credentials

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

More on page 13

TS1000 Software

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

Total control at your fingertips

With the TS1000 management software, you have full control over who can access each door - easily managing, identifying, and updating users as needed. You gain an immediate overview of your site's security status, all through an intuitive, user-friendly interface.

- **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

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

- **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

- **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.

Wireless Online

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

Designed for very high event frequency and regular need to collect door history

Openow

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

Designed for high event frequency and regular need to collect door history

Update on Card

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

Designed for medium event frequency and irregular need to collect door history

Scalable and upgradable

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

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

- Encrypted hub-based communication manages up to 60 doors within 30 m and ensures secure offline operation if connectivity is lost

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

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

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.

RFID credentials supported:
MIFARE DESFire, MIFARE Classic, DESFire EV1, EV2 and EV3, iCLASS, SKIDATA

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

i-max electronic escutcheon

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

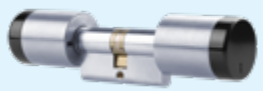
Configure your device now using the online 3D Visualizer

Knob cylinder

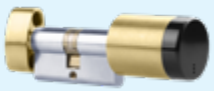
The little device with big-league protection

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.

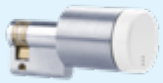
Compatible with all types of door, it comes in a range of colours and finishes.



Double cylinder



Double thumbturn cylinder



Half cylinder

i-gate padlock

Configure your device now using the online 3D Visualizer

i-reader wall 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

i-reader
Design

i-reader
Keypad

i-locker cabinet lock

Hassle-free digital security for lockers & cabinets

SMARTair i-locker is the smart, wire-free way to secure lockers, cabinets, drawers and more. Designed to eliminate the hassle of key or coin-operated systems, i-locker combines intuitive digital access with instant visual status indicators and robust engineering for total peace of mind.

i-locker

i-volution electronic lock

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

Configure your device now using the online 3D Visualizer

i-volution
with black reader

i-volution
with reader in white

i-minimal electronic lock

Elegant simplicity for seamless security

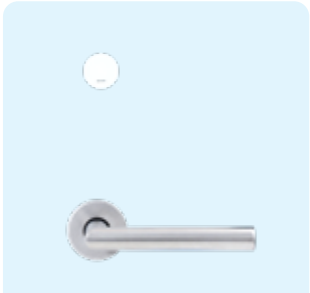
The SMARTair i-minimal blends minimalist design with advanced technology, delivering reliable security. Its streamlined profile complements contemporary spaces, ensuring both style and safety.

It includes sensors which register the following events:

- Door left open
- door incorrectly closed
- intrusion
- mechanical cylinder use

Configure your device now using the online 3D Visualizer

i-minimal
with black reader



i-minimal
with reader in white

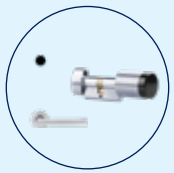
SMARTair: Access management for your entire building

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 (controlling up to 40 floors) 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.



i-minimal, knob cylinder:
office

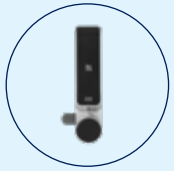
i-max with keypad:
changing room

i-max, i-minimal, i-volution:
meeting room

i-reader; i-reader Keypad:
entrance

i-reader Design:
elevator

i-locker:
cabinets



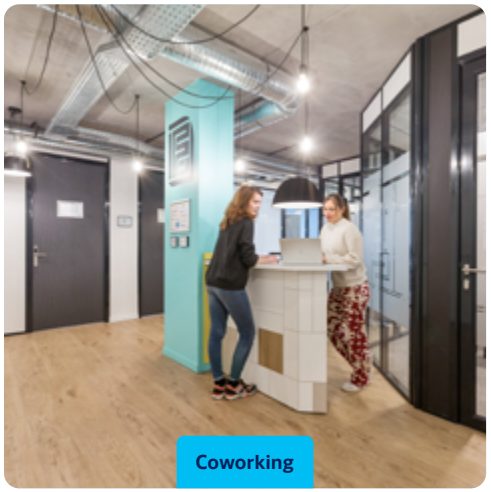
i-gate:
furniture

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.

Make your access ready for what's ahead

Digital with confidence

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