



It's time to change!

Follow me and discover SMARTair™
for flexible access control

ASSA ABLOY

ASSA ABLOY, the global leader
in door opening solutions



» Changing to SMARTair™ was the best decision I made, it makes my job so much easier. «

.....
Facilities Manager

In my facility, work environments are constantly changing. Before we adopted SMARTair™, I was stressed on a daily basis: ordering keys, replacing lost keys, installing new mechanical locks, the situation became unmanageable.

I changed to SMARTair™ because I can tailor the system to meet my exact requirements. I can provide a user friendly environment for my staff

and visitors, whilst ensuring high levels of access control.

No keys, no more doors to wire. For me, SMARTair™ is an ideal solution for any business that needs to step away from keys. And what's more, it's affordable.



It's time to change!

Sometimes the best solution is also the simplest

Why is SMARTair™ the best choice?

- Easy to install: access rights are stored in the door device making it independent and robust, whilst minimising communication problems
- Battery powered wireless devices for all kinds of doors, no cabling is needed
- Contactless, keyless technology and personalised cards
- Several administration levels for different requirements
- Easy to manage: Easy to add, delete and update user rights; easy to update locks
- Credentials can be used also for other purposes (e.g. vending machines, payment points etc.)
- Intuitive software and email alerts
- Maintenance alerts for low batteries
- Web-based client and mobile app
- Offers remote access and control

SMARTair™ is a modular system and fully scalable

SMARTair™ is incredibly cost-effective. The system can be customized to give you the sophistication you need at a price you can afford.



Software

Credentials

Devices



» My customers
are delighted that
SMARTair™ can be
installed so quickly. «

.....
SMARTair™ Reseller

My customers are convinced that replacing a lost card is much cheaper than replacing a key. And it can be done quicker. SMARTair™ doors can simply be reprogrammed. There is no need to replace locks and cylinders. Wireless SMARTair™ doors are more cost-effective than standard wired access controlled doors.

Thanks to the system's smart technology and lack of wiring, SMARTair™ fits easily on to most doors. It is a discrete security solution, particularly for heritage buildings, with no wires. So you don't need an electrician.



It's so easy

Converting a traditional door to an access controlled door

A qualified SMARTair™ reseller provides comprehensive consultation services on the subject of access control and security.

1. Individual needs analysis of your organisation and building



2. Quick installation without the need to wire the door, meaning minimal disruption and inconvenience to the day to day work environment



3. Minimal maintenance required - the device will give an alert when the battery needs changing (after approx. 40,000 cycles).



» SMARTair™ meets our needs - great security with well designed products, all at an affordable price. «

.....
Managing Director

I need to secure my organisation, people and assets cost effectively, while also meeting the day-to-day needs of my building. SMARTair™ devices can be integrated into almost any application - glass, metal or timber doors, cabinets, eleva-

tors or vending machines, can all be included in the access control system. This is why I chose SMARTair™.



SMARTair™ adapts to any building type, and can be integrated into your existing door system

Users can use RFID cards, tags or bracelets. The encrypted credentials are available in secure RFID technologies.



MIFARE™
CLASSIC

MIFARE™
DESFire™

SKIDATA



SMARTair™ Door devices

- Wireless and battery powered electronic escutcheons, cylinders and locks
- RFID reader and locking mechanism in in one device for nearly all kind of interior and exterior doors
- Available in a variety of finishes and designs



SMARTair™ Wall devices

- Wired wall readers with RFID reader suitable for automated doors, turnstiles, barriers, elevators and much more



SMARTair™ Special devices

- Wireless lock for cabinets, lockers, drawers and other applications
- Safes and Energy saving devices also available



» I moved office and
instantly gained access
with my existing card. «

.....
Employee



My work environment is constantly changing. I often work with new teams and need to move offices regularly. I was delighted with the flexibility that the SMARTair™ system offers.

It is so easy... I just called my facilities manager and he updated the access rights for my new office on my existing card.



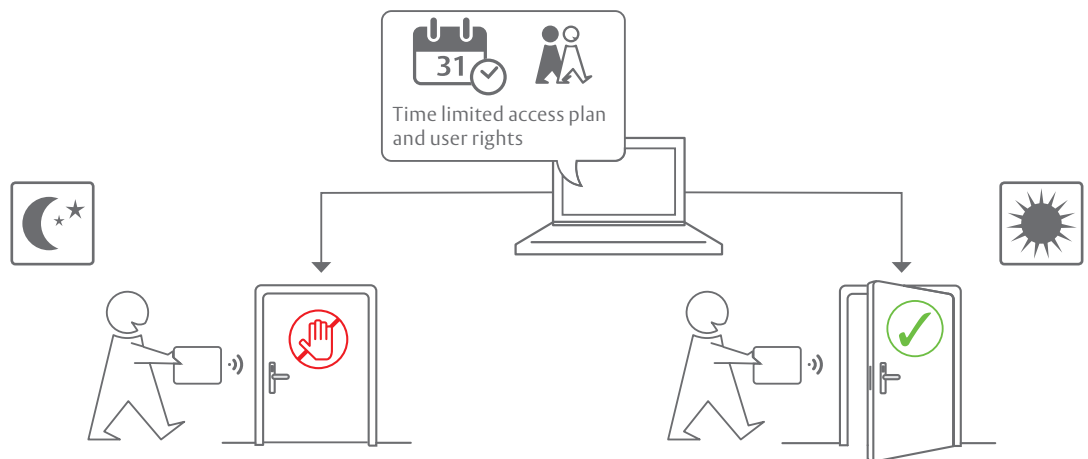
Your Access

It is so easy to issue and remove individual access rights

With the highly intuitive management software, facilities managers can organise, control and update access rights from a PC using a simple user interface.

Similar to a master key management system, the software offers time limited access for each user, as well as the ability to easily change access rights.

With SMARTair™, the facilities manager can manage access using calendar schedules for different user groups. The system offers on-going flexibility: new doors, new users, new access rights and schedules can easily be incorporated at any time.



» Oops! I lost my card -
but my facilities manager
solved the problem in
an instant. «

.....
Trainee

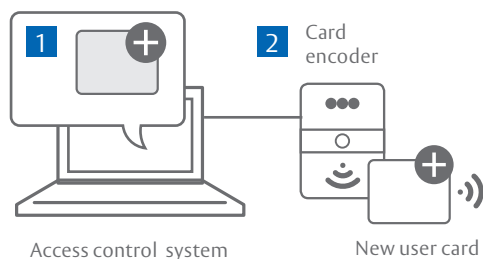
I lost my access card and was very worried about the consequences. I immediately called the facilities manager and he was able to cancel the lost card and provide

me with a new one. If I had lost a key, it would have been more complicated. SMARTair™ is so easy.



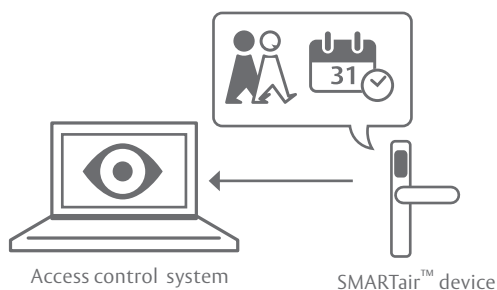
Your control

It is so easy to handle lost cards and control user rights and traffic



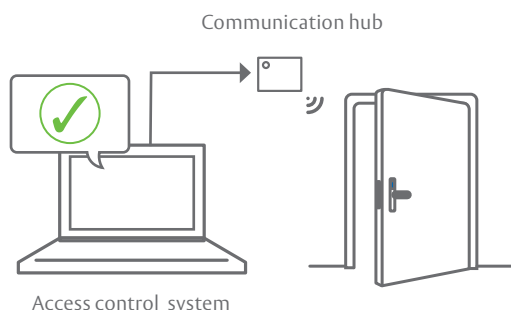
If a card gets lost...

... the facilities manager generates a new card in the system software (1) and programmes the new card using the encoder (2). The lost card will be cancelled.



If audit trails are needed...

... the SMARTair™ device can communicate directly with the system software, delivering comprehensive information about locking events, users, access times and much more.



If a user needs urgent access...

...and has lost his card, the facilities manager is able to open the door remotely.*

*available for wireless online

SMARTair™ helps to keep control. Lost cards can easily be canceled and replaced.



» I was impressed with the flexibility of the management system. «

Facilities Manager

Within my facility, I have different types of doors that all have different levels of user traffic and security requirements. SMARTair™ allows me to manage high security doors in real-time, as well as doors with medium traffic and security levels. All in one cost-effective system.

With SMARTair™, I have exactly the right access control solution for each door. I can even combine offline and online control in one system. I can manage the system on site or via the convenient web manager from anywhere and at anytime.

Four levels of control – One System

Select the most efficient way to update access rights for each door

1. SMARTair™ Stand-Alone

Low user traffic, few doors to control

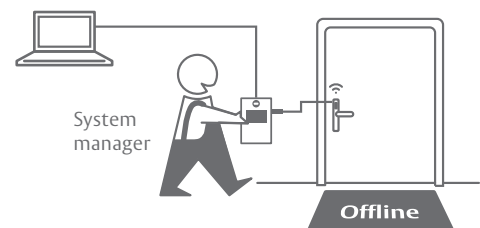


■ = Programming card

- Update access rights by using the programming card at the door
- No access control software required

2. SMARTair™ Offline

Medium user traffic, few doors to control



■ = Programming device

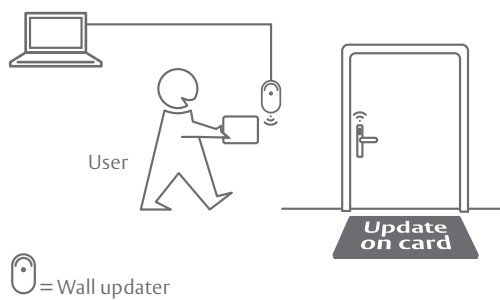
- Update access rights via programming device at the door
- Scheduled access rights possible
- Manual read-out of audit trails





3. SMARTair™ Update on Card

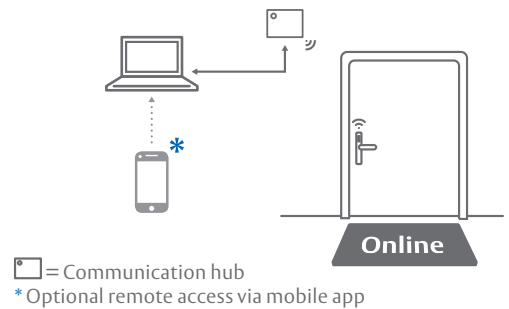
Medium to high user traffic, automatic control



- Update access rights via user cards
- Cards contact wall reader/updater before presenting to door
- Scheduled access rights possible
- Automatic read-out of audit trails

4. SMARTair™ Wireless Online

High user traffic, real time control



- Wireless update of access rights
- Scheduled access rights possible
- Real time audit trails via communication hub



» Customers around
the world are satisfied. «

Public buildings:

SMARTair™ provides secure access for government offices, museums, city facilities, auditoriums, cultural centres, theatres, and railway stations that see a diverse range of foot traffic.



Sports facilities:

SMARTair™ is the perfect access control solution for stadiums, gyms, arenas, health spas, and swimming pools which often have a number of different service areas and entry points. SMARTair™ also offers a special cabinet lock for lockers.

» Now it's up to you: Your Access. Your control. «

Healthcare:

For medical centres, psychiatric facilities, and old people's homes, SMARTair™ secures restricted areas where drugs, personal and sensitive data are stored, while protecting vulnerable patients and employees. These facilities need 24/7 secure access. What is more, the system can be supplied with the latest anti-bacterial coating.

Multi residential:

For facilities managers of apartment blocks, student accommodation, social housing, holiday rentals and guest houses, SMARTair™ solves the problem of copying or replacing traditional locks and keys.

Commercial:

For offices, factories, shops, shopping centres and pharmacies, SMARTair™ provides a sophisticated, but flexible security solution to protect buildings and interiors. Valuable company data and products will be secure against unauthorised access.

Education:

SMARTair™ secures schools, colleges, universities, kindergartens, academies, and student accommodation against vandalism and theft.

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

ASSA ABLOY

ASSA ABLOY

As the world's leading lock group, **ASSA ABLOY** offers a more complete range of door opening solutions than any other company on the market. In the fast-growing electromechanical security segment, the Group has a leading position in areas such as access control, identification technology, entrance automation and hotel security. Since its formation in 1994, **ASSA ABLOY** has grown from a regional company into an international group with around 42,000 employees and sales of more than SEK 40 billion.

SMARTair™

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.

Perrem Design Hardware
Unit 48, Parkwest Enterprise Centre
Nangor Road
Dublin 12

P: 01 623 2390
E: sales@perremhardware.com
W: www.perremhardware.com

