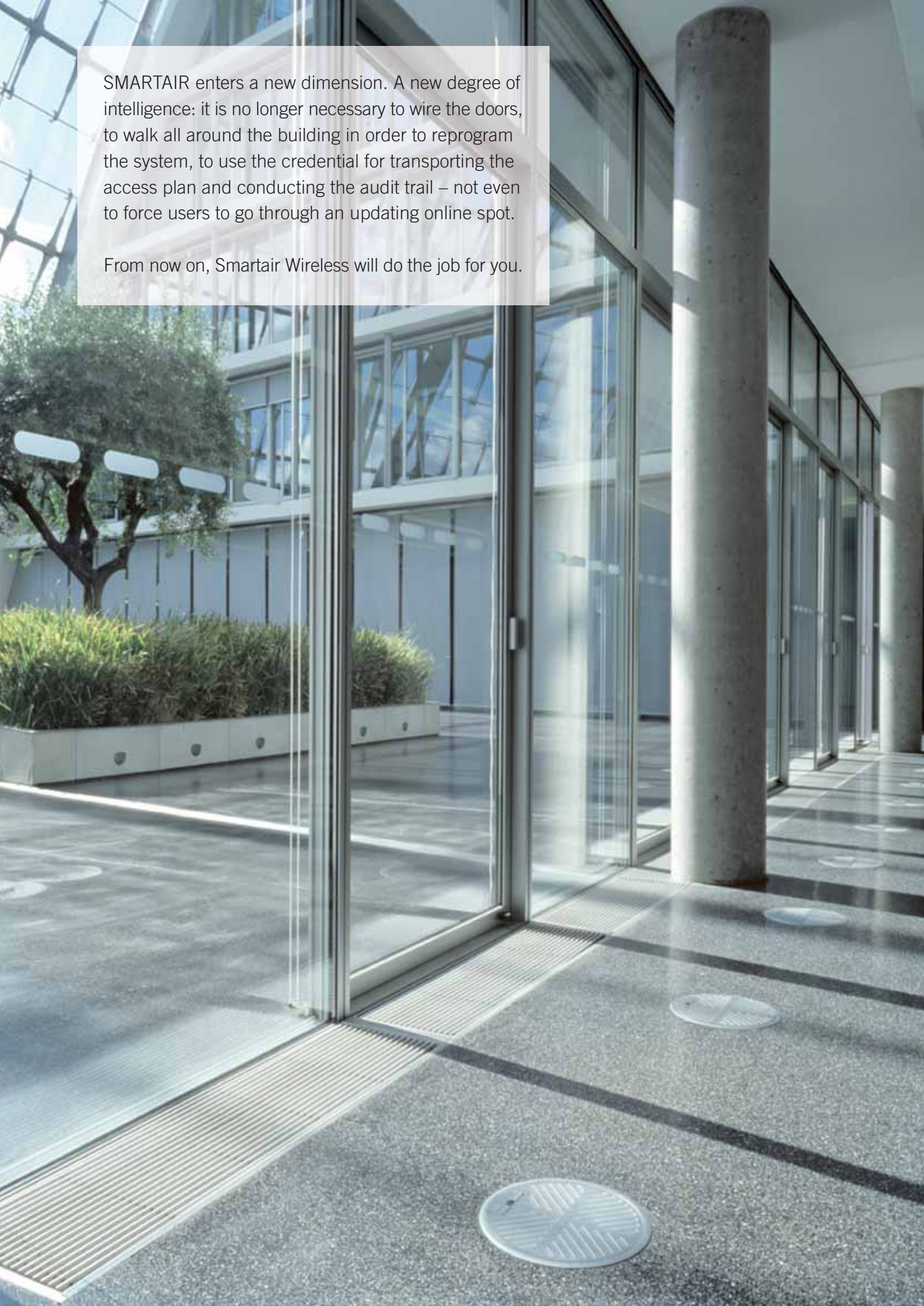




ASSA ABLOY

SMARTAIR WIRELESS



A photograph of a modern building's interior. The scene is dominated by large glass windows and doors that offer a view of an outdoor courtyard with trees and a building. A prominent concrete pillar stands on the right side of the frame. The floor is a polished, dark grey material with circular ventilation covers. The lighting is bright, suggesting a sunny day.

SMARTAIR enters a new dimension. A new degree of intelligence: it is no longer necessary to wire the doors, to walk all around the building in order to reprogram the system, to use the credential for transporting the access plan and conducting the audit trail – not even to force users to go through an updating online spot.

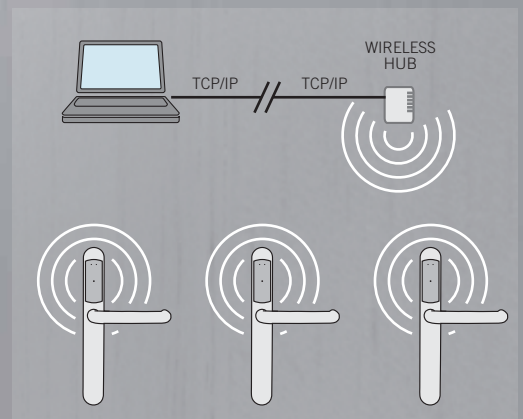
From now on, Smartair Wireless will do the job for you.

SMARTAIR WIRELESS UPDATE

Smartair Wireless is powered with wireless bi-directional technology, providing the market with the TOTAL door solution. The system employs encrypted radio frequency communications in order to transfer the information from the doors to the computer and back, which provides great convenience and flexibility in access control.

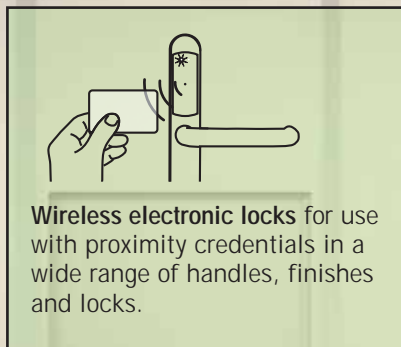
WHAT IS SMARTAIR WIRELESS?

Smartair Wireless is a revolutionary access control platform that combines standalone wireless locks, TCP/IP connection hubs and intuitive management software, allowing the user to monitor events in real time, to remotely open/close the door and to automatically update access privileges.



SECURITY

- » **Real-time event audit trail.** Keep your installation under control, knowing who entered and where/when it happened.
- » **In case of loss of communications, locks will remain 100% operative.** Events will be stored and sent to the database once the connection is restored.
- » Disable and/or **delete automatically any lost or stolen credentials** from all accesses.
- » Change the access plan of any of the system's users. Avoid unnecessary accesses and add timetable controls.
- » With TS1000 management software, an SQL-compatible database will be able to conduct the monitoring of every access in the installation from several PCs and buildings.
- » Unlock the doors in case of emergency.




She has been promoted, but she will be able to access her new office and all common areas with no need to reprogram her previous card or to have maintenance staff assisting her. She will be no longer able to open her previous office.

Integral outfit for each project; emergency exits equipped with panic bars, glass doors, cabinet locks... all accesses controlled by Smartair.

He has closed the door and forgotten his card inside. Just a phone call, and the maintenance personnel will remotely open the door.

CONVENIENCE

- » **Easy to install.** No wiring or pre-installation required for doors, frames or walls.
- » **Economically efficient.** Fewer elements per door than in traditional online access systems (controller, electromechanical lock and wall reader).
- » **Remote door opening.** Instantly unlock the door you wish to open with a simple click on the software.
- » **Each hub communicates wirelessly with 30 Smartair Wireless locks.**
- » Users are no longer forced to use an online updating point to reprogram their accesses, collect their credentials or extend their validity periods.
- » The maintenance staff does not have to walk door by door to update the access plans or collect the audit trail.
- » TCP/IP connection between hub and software, which avoids the use of specific wiring and the usual limitations of these systems.



There will be a meeting in this room at 16:00. The boss is not the waiting kind, so he has ordered his secretary to let him know as soon as the first person arrives. This information will arrive in real time to her PC.

Each HUB is capable of communicating with a maximum of 30 locks from a 30 m. distance. You can install as many HUBS as you wish.

He has finished his working practices one week earlier than expected. For security reasons, all his access rights have been deleted, even though his card still had one week of validity left. From now on he will not be able to enter.

WHERE SMARTAIR WIRELESS?

Smartair easily adapts to all kinds of installations where electronic control or remote functionality are required:

- » Education (universities, colleges, student halls, etc.)
- » Healthcare (hospitals, elderly homes, shelter centres, daytime centres, etc.)
- » Banks and insurance agencies.
- » Public buildings.
- » Industry.
- » Airports.
- » Others.



Smartair Design



Smartair electronic cabinet lock



Wireless wall reader

Its user-friendliness and simple installation make Smartair the perfect solution for new buildings and retrofits. Smartair offers a wide range of products perfectly adapted to different kind of doors:

- » Smartair Wireless for panic exit devices.
- » Glass door solutions.
- » Wireless wall reader.
- » Electronic cabinet locks.
- » Design model: independent reader and handle.



Glass doors

TS1000 MANAGEMENT SOFTWARE

TS100 is a **highly intuitive management software** with an SQL-compatible database. It allows the system's manager to organize, control and update the whole system from a PC with a simple user interface.

TS1000 allows you to manage Smartair Wireless locks and wall readers as well as the rest of the Smartair product range, providing your system with maximum flexibility and **scalability**: Smartair Update on Card (UoC read and write technology), UoC wall readers, electronic cabinet locks, STX electronic cylinders with electronic keys, updaters and online wall readers.



SMARTAIR CREDENTIALS

Identification elements use RFID proximity technology under the ISO-15693 and 14443 A **mifare**® standards that can be found in cards, key rings, bracelets or watches.

It allows multiple applications: vending, banking, public transport, booking services, etc. It can also be integrated with other technologies: magnetic stripe cards, 125KHz proximity, contact chips, etc.

Smartair credentials offer high resistance to outdoors exposure, tampering, water, dust and extreme temperatures.



TESA GLOBAL SOLUTION: THE DIFFERENCE

What makes TESA unique? We can provide complete equipment for any door.

TESA has a wide product portfolio that includes: mechanical mortise locks, door closers, mechanical keys and cylinders, multipoint locks, narrow-stile locks, handles, knob sets, etc.

Anything you can imagine in door hardware, we have it, and it will be fully compatible with Smartair.



Do you need to combine a mechanical key with Smartair? Combi key is the answer.

Do you need a multipoint lock for higher physical security? TAB + Smartair is the answer.

Do you need to fit out an aluminum profile door? The new 2210BE + Smartair series is what you need.

Do you need an armoured door in high-residential buildings? SECU1 + Smartair is the answer.





From a single lock to the access control of the whole building. TESA provides integral solutions for global needs. A dwelling, a commercial building or a residential development require one single solution that can encompass everything from the access control to the emergency exit. The key to our leadership is a totally user friendly, stand alone system that provides any building with the flexibility it needs to function safely in an ever changing and demanding security environment.

TESA is more than just one of the main global manufacturers and suppliers of electronic locking solutions; we are also investing every year on new products and state-of-the-art technology, employing more than 700 people, exporting 40% of our production to highly competitive markets such as Europe, Latin America and the Middle East, or registering more than 200 patents (the result of our R&D). These are only numbers, but they say something about the scope of our goals.



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

