



**SMARTair™**  
Your Access. Your Control.



**SMARTair™**  
Wireless

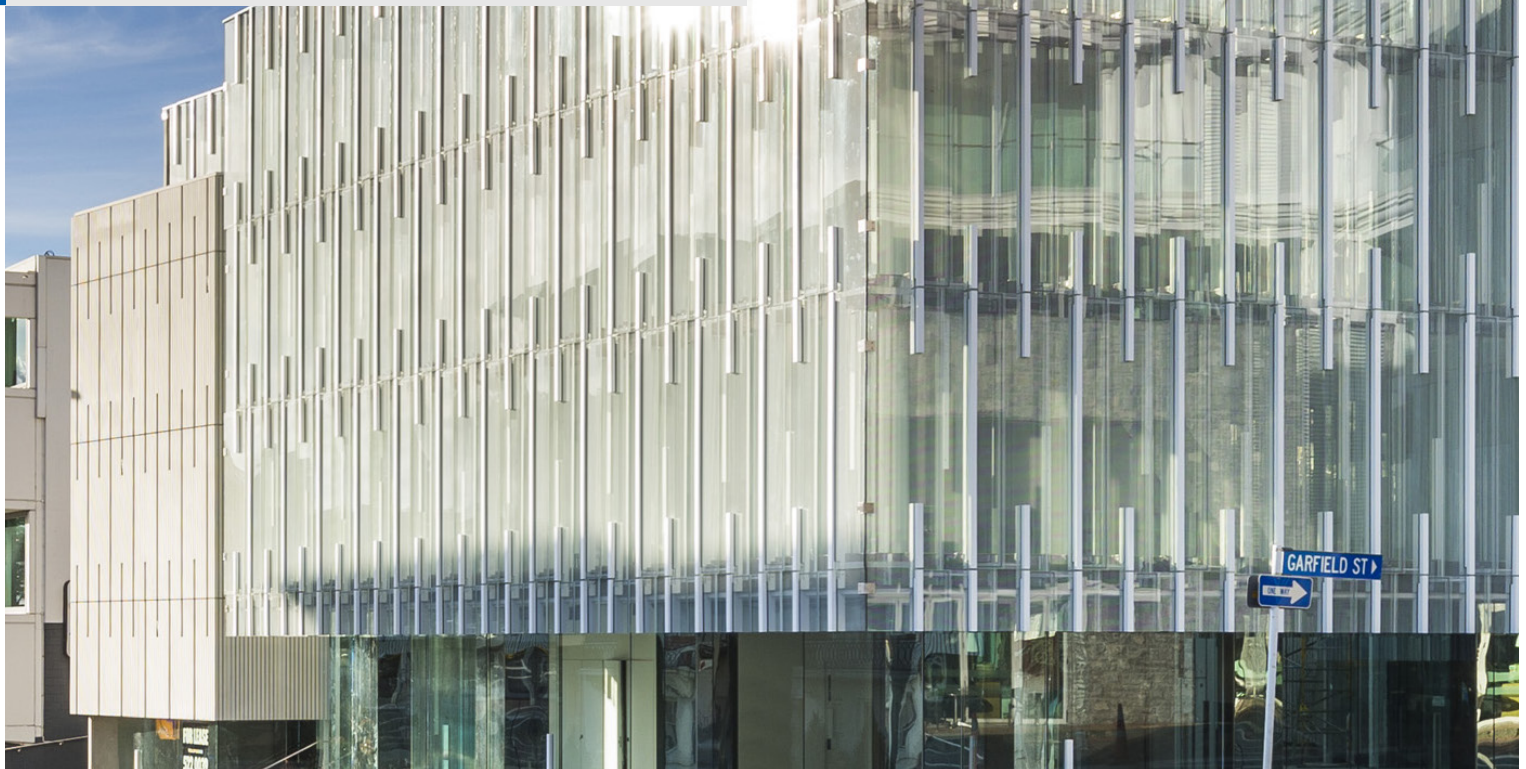
**ASSA ABLOY**



**Armstrong**  
Smarter Security

The global leader in  
door opening solutions.

# SMARTair™ Wireless



## SECURITY, SIMPLICITY, CONVENIENCE

SMARTair is a powerful access control system that is simple to install, simple to configure, simple to administer and maintain.

Businesses small and large, want the security of knowing that lost credentials can be prevented from gaining access quickly and the flexibility to restrict user movements within the building. Audit trails can show historical movement for reporting purposes.

SMARTair™ offers an intelligent, yet simple, step up from keys, and a cost effective alternative to traditional access control. No bells, whistles, or wires, just sleek, reliable security.

# Benefits

## The advantages of SMARTAir™

### **SIMPLE TO INSTALL**

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SMARTAir's battery powered Escutcheons require no expensive cabling, may be retrofitted to existing doors and are easy to set up and use.

### **SIMPLE TO MANAGE**

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With SMARTAir's simple management software it's easy to load the correct information quickly and tailor the system for any customer. For the operator, learning how to apply and revoke permissions can be done in minutes.

### **SIMPLE TO MAINTAIN**

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A 12-24 month battery change cycle is all you need to keep the system running in top shape.

### **COST EFFECTIVE**

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Due to the unique design, the total installed cost of SMARTAir™ is generally half that of traditional access control systems, whilst still offering everything the system user will need.

### **PROXIMITY & PIN ACCESS**

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User operation is as simple as holding your card or tag up to the SMARTAir™ reader to gain access. The action is contactless so wear and tear is reduced to a minimum. Keypad options allow the additional security of PIN and proximity access.

### **ATTRACTIVE DESIGN**

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The elegant slimline looks of SMARTAir™ suits any building new or old.

SMARTAir's attractive slimline Escutcheon design allows it to be fitted to any type of door from timber and steel to UPVC and aluminium section. External versions are also available.

The SMARTAir™ knob Cylinder is flexible enough to provide access control to a standard oval cylinder - with no drilling required. Installation can be completed in under 1 minute.

SMARTAir™ Wall Readers are available for internal and external use, where the door isn't suitable for an Escutcheon. These will connect to any electronic locking device.

SMARTAir™ technology is also incorporated into other systems such as lift control readers, to provide security on a floor by floor basis, and energy saver hardware, allowing SMARTAir™ users to control lights and air-conditioning.



## IT'S AS EASY AS 1, 2, 3

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### **1. Install the software**

Create the users/doors, then apply the relevant access permissions.

### **2. Install the hardware on the door**

Select the correct mortice lock, mark out and drill the holes, place the unit on the door and tighten using the included screws. Fit the batteries/ rear cover and finally the handles.

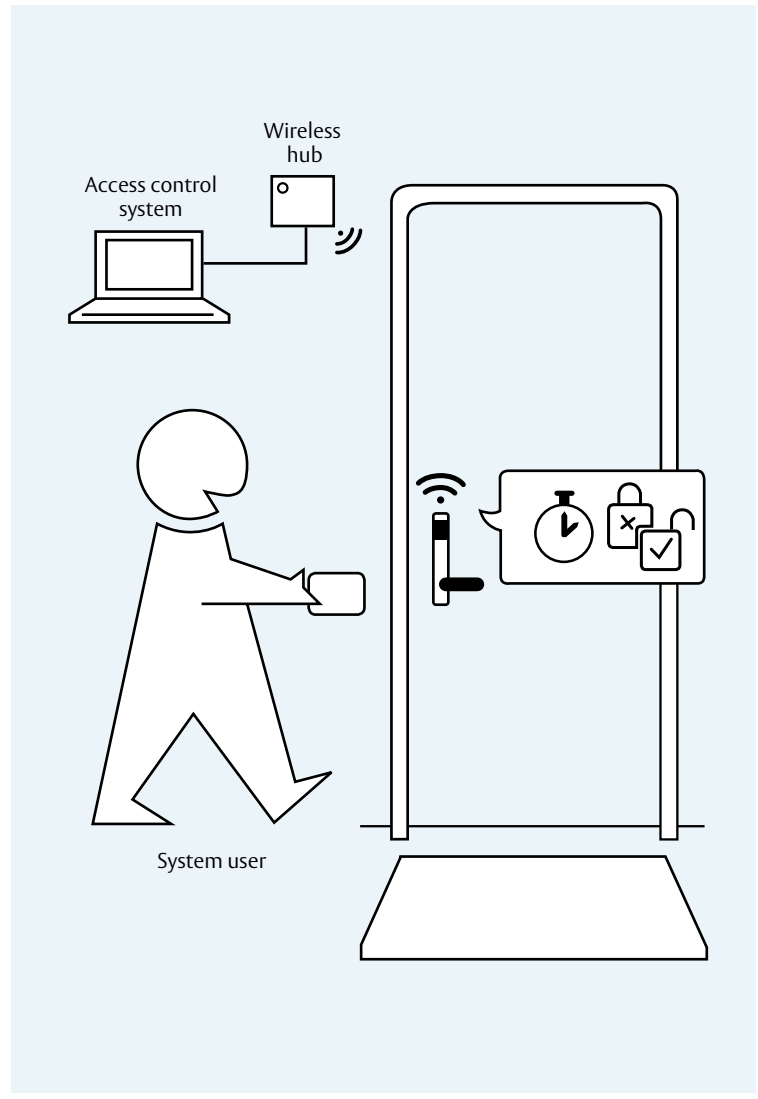
### **3. Initialise the system and go**

Apply the access parameters and the system is ready to use.

# SMARTair™ Wireless

## How does it work?

- SMARTair™ Wireless Online is a smart access control system that combines standalone wireless locks, wireless hubs and intuitive management software; allowing the user to monitor events in real time, to remotely lock/unlock the doors and to automatically update access privileges.
- User cards are centrally programmed via the card encoder beside the PC. User validity information is immediately sent to the door via the wireless network.
- Perfect for the busiest sites; changes to the door locking or unlocking schedule, adding or revoking access privileges are all done swiftly with the click of a button. When user access is granted, denied or changed, the door is updated straight away.
- The wireless hub allows up to 30 doors to be updated centrally in real time, with an indoor range of 30m.
- In addition to new card validation/old card cancellation, new access plans/time schedules, retrieving audit trails and leaving the door in temporary unlock mode, you can also lock the doors remotely in the event of an emergency. The perfect security feature for schools and medical facilities.



**Example: Shared workspace offices or high number of contractors or visitors. High number of access changes requiring immediate updates and instant audit trail.**

# SMARTair™ Wireless

## Where can you install?

SMARTair™ adapts to all types of buildings requiring electronic access control or remote management. It's always online, meaning you have total control over the system at the touch of a button.

### Healthcare

- Prevent visitors entering a doctors surgery in a GP premises.

### Education

- Lockdown all the doors to prevent access even to valid cards in the event of an emergency.

### Commercial

- Keep visitors from accessing staff only areas in an office.

### Industrial

- Keep untrained staff away from heavy machinery rooms in a factory.

### Historical buildings

- Provide security when it is not possible to modify architecture for hardwiring.

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

- Escutcheon handle for standard doors.
- Wall reader for glass doors or where you need to control a magnetic lock.
- Keypad options for PIN and proximity access.
- Electronic knob cylinder to replace a mechanical cylinder with no drilling required.
- Lift control hardware to restrict access to floors.
- Energy saving device to limit power to only those who are authorised to use it.



# SMARTair™ Wireless Hardware

## SMARTair™ ESCUTCHEONS

- Fitting completed in minutes – no cabling or additional hardware required
- Uses 3x AA batteries, which can last up to 3 years
- Internal and external versions
- Attractive and easy to use
- Suits doors between 30-110mm width (38-44mm standard)
- Use either Lockwood 3572SCNOHD or 5582SCNOHD mortice locks



## SMARTair™ PROXIMITY KNOB CYLINDERS

- Fitting completed in minutes – no drilling required
- Uses 1xCR123 battery, which can last up to 2 years
- Internal and external versions (IP55)
- Directly replaces the Lockwood 570 oval cylinder



## SMARTair™ WALL READERS

- Proximity only or Keypad + Proximity options
- Suitable for glass doors
- Control any magnetic lock
- IP55 rated for external use
- Available in slim and standard design



## SMARTair™ WIRELESS HUBS

- Can communicate with up to 30 doors
- 30m indoors communication range
- System maintains operation if hub is offline
- Lock down the doors from the PC



## SMARTAir™ ENERGY SAVING DEVICE

- Accepts a standard ISO proximity card
- Can be used as a health and safety device
- Limits power to only those with authority to use
- Basic or advanced models available



## SMARTAir™ LIFT CONTROL READER

- Control access to 8 floors in a building
- Daisy chain for control of up to 40 floors
- Simple to manage and configure
- Managed with the same software as other SMARTAir™ hardware



# SMARTAir™ Wireless TS1000 Management Software

TS100 is the highly intuitive management software for SMARTAir™. System operators can organise, control and update the system from a PC using a simple user interface.

TS1000 manages SMARTAir™ escutcheons, knob cylinders and wall readers, plus all other SMARTAir™ products, including cabinet locker locks, lift controllers and energy saving devices.

### SMARTAir™ Cards

SMARTAir™ uses secure Mifare® RFID-based technology. This technology is shared among multiple products meaning that these same cards can be used across various systems and devices such as vending machines, banking, public transport, booking systems and more.

SMARTAir™ credentials can be in the form of ISO credit card size proximity cards, low profile and adhesive proximity dots called 'Prox Dots' and as a small unobtrusive keyring tag. They can operate in harsh environments, within a broad temperature range, are water and dustproof, and have low sensitivity to shock and vibration.



# Contact us

Armstrong Smarter Security

0800 506 111 or go to

[www.armstrong.co.nz](http://www.armstrong.co.nz)

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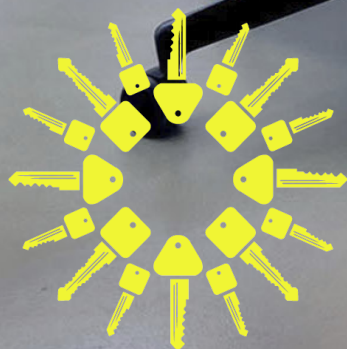
ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY is represented in all major regions, in both mature and emerging markets, with leading positions in Australasia, Europe and North America.

As the world's leading lock group, ASSA ABLOY offers a more complete product range of door opening solutions than any other company in the market.

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