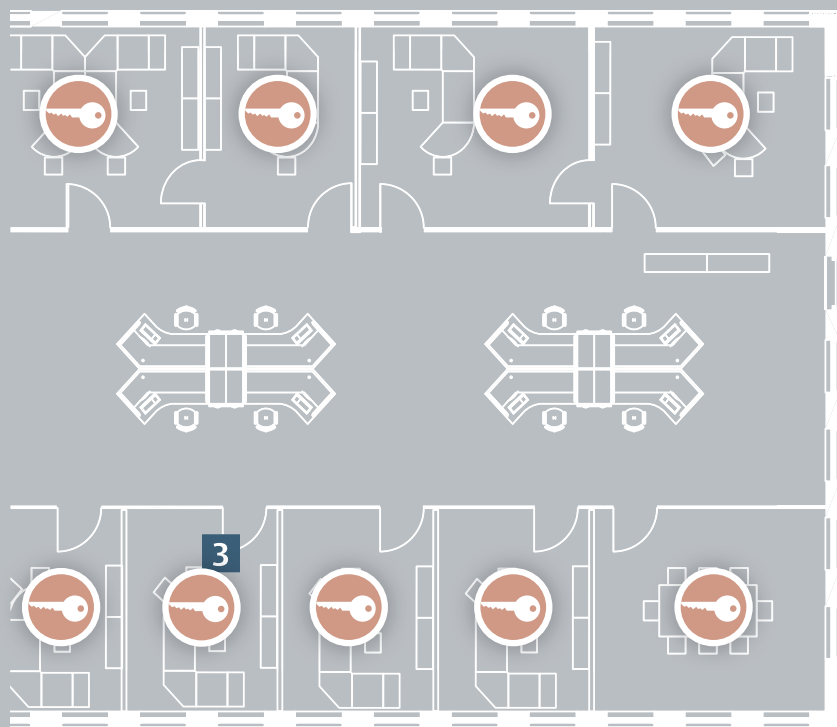


## The problems of mechanical doors in your security system

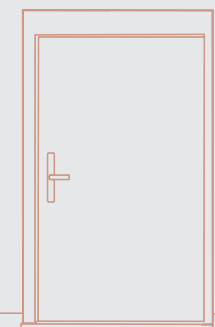


Cost intensive administration of two security systems: access control system and mechanical locking system, plus other problems:



- no EAC connection possible
- no RFID cards/credentials
- no audit trails possible
- lost keys

3



Mechanical door –  
Not connected to the EAC system

- problem of lost keys and the need to use two credentials (for example keys plus cards for the main entrance)
- no integration into the existing access control system possible
- high installation costs to upgrade with wired EAC solution.

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

ASSA ABLOY

[www.assaabloy.com/aperio](http://www.assaabloy.com/aperio)

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## Cut the cables – go wireless with Aperio™

ASSA ABLOY

Worldwide available access control technology

The global leader in door opening solutions



## Your security environment

You need to add doors to your new or existing access control system but you ...

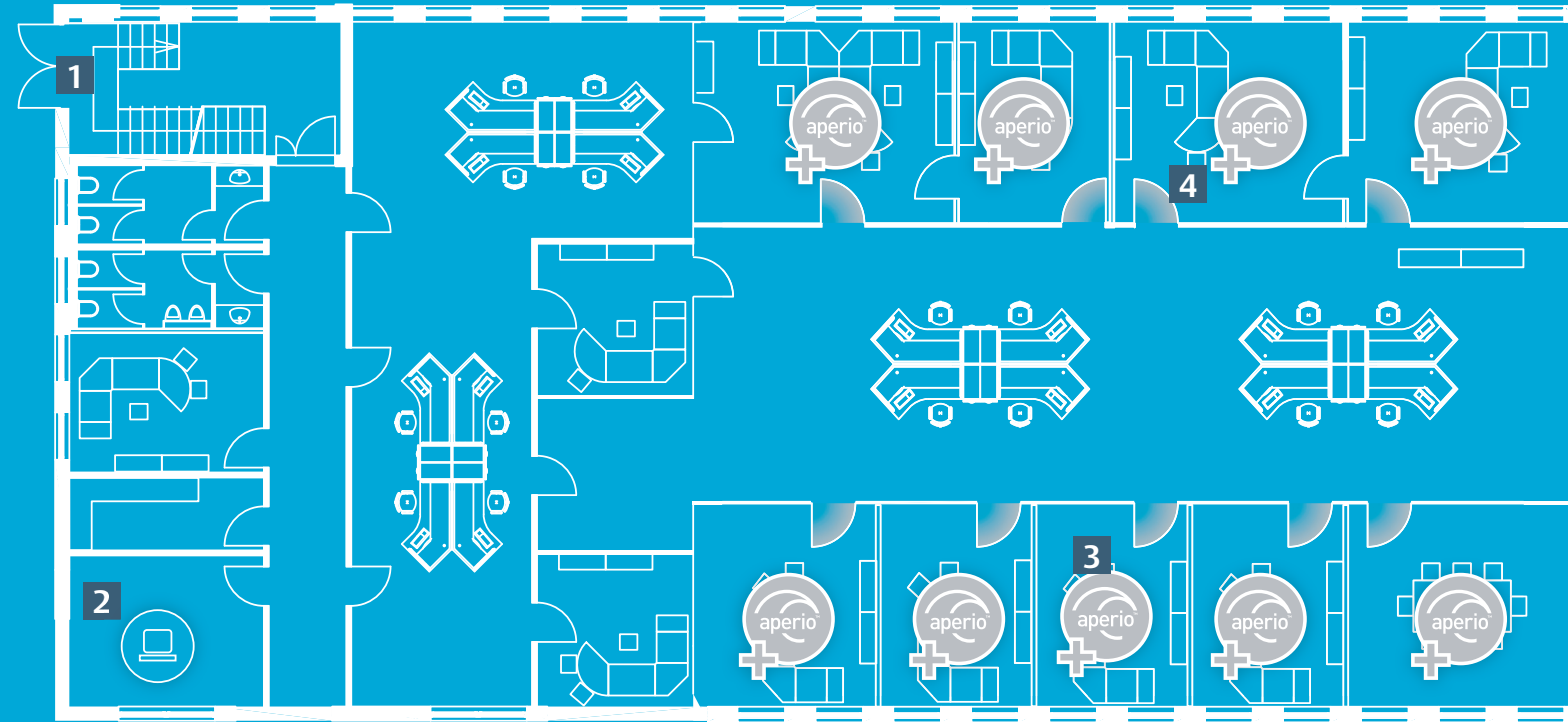
- don't want to wire doors
- need simple, economical installation
- want to keep existing user credentials and software
- would like to forget mechanical keys
- wish online and offline door control
- want to save time and money



Aperio™ wireless lock technology is designed for you. Aperio™ is the most cost effective and convenient way to enhance your existing security.

## Your future with Aperio™

The cost effective way to expand your system with additional doors.



Aperio™: the new global technology from ASSA ABLOY. With Aperio™ mechanical locks can be wirelessly linked to a new or existing access control system without any need to modify existing doors. At the heart of Aperio™ is a short distance encrypted wireless communication protocol linked to an online electronic access control system.

- Aperio™ Highlights at a glance:
- single management interface for all EAC doors
  - no need to modify existing doors during installation
  - reduces the risk of lost credentials
  - replaces mechanical keys with RFID cards
  - supports standard RFID technologies
  - uses standard mechanical locks
  - fits all common lock cases and profiles
  - versions for fire, escape routes etc



### Aperio™ cylinders

Easy to fit, battery powered electronic cylinders with RFID readers. The design and technology of these impressive low-maintenance electronic cylinders sets new standards.

### Aperio™ escutcheons

A battery powered electronic escutcheon with RFID-Reader with a slim, timeless design. It can be used in all commercially available doors with mechanical locks.

### Aperio™ communication hubs

The communication hub is the link between Aperio™ locks and the existing access control system. The hub has a standard RS485 connection, making it compatible with most systems on the market today. It communicates directly with Aperio™ enabled locks via an encrypted 2.4GHz wireless link.

### Available RFID technologies:

- iCLASS®
- MIFARE™ CLASSIC
- MIFARE™ DESFire™
- MIFARE™ PLUS
- Low Frequency (HID PROX, EM410x)

## The best return on your investment

The most efficient way to add more doors



Aperio™ is available worldwide- please contact one of our integrators: [www.assaabloy.com/aperio](http://www.assaabloy.com/aperio)

Standard wired door

1 door



Get more doors locked for less

Aperio™ Offline

up to 4 doors



Go Green! Safe energy with Aperio™



No electrical power supply needed. Aperio™ devices work with energy saving batteries.

Frequency IEEE 802.15.4 (2,4 GHz) - 128 bit AES encryption