Expand your access control system

with Aperio® wireless locking technology

ASSA ABLOY

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.

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The challenges of manual access administration

Managing a mixed solution of wired and mechanical locks can be complex, inefficient and create security issues.

Having multiple security solutions to manage in parallel may take a lot of time and effort. With multiple changes needed to maintain the needed security level, this increases the risk of a gap in security.

Additionally, multiple security solutions means there is no central audit trail, in some solutions no audit trail at all. It becomes almost impossible to quickly change or delete a user or key's access rights or retrieve a detailed log of activity.

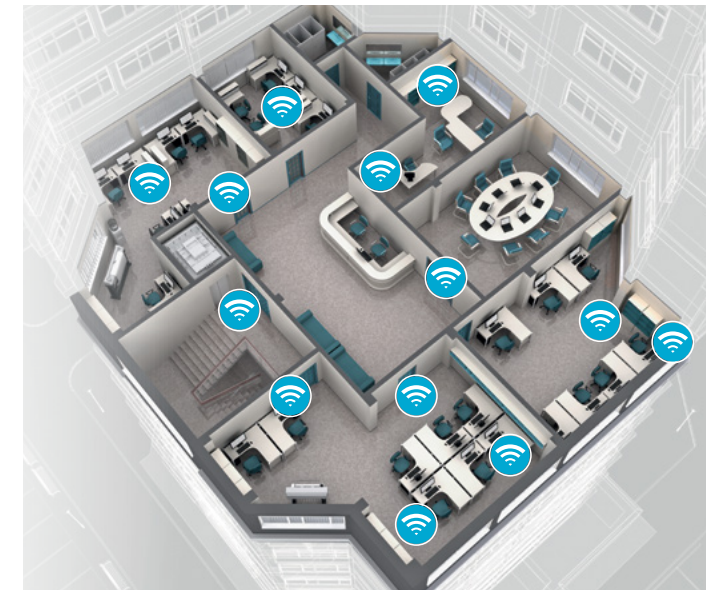What if there was a better way to manage access into and around your buildings?

Upgrade access control and forget about keys

Integrate more doors into your existing access control system by adding Aperio wireless locks.

By choosing Aperio, you can integrate doors, cabinets, cupboards, server racks, and more with your existing access system – without wiring or cabling. With wireless access control you:

- Easily add security throughout your premises, not only at the perimeter
- Control access in real time
- Automate audit trail capabilities to ensure security and compliance
- Open doors with secure RFID smart cards and/or your smartphone. If lost, you revoke them instantly
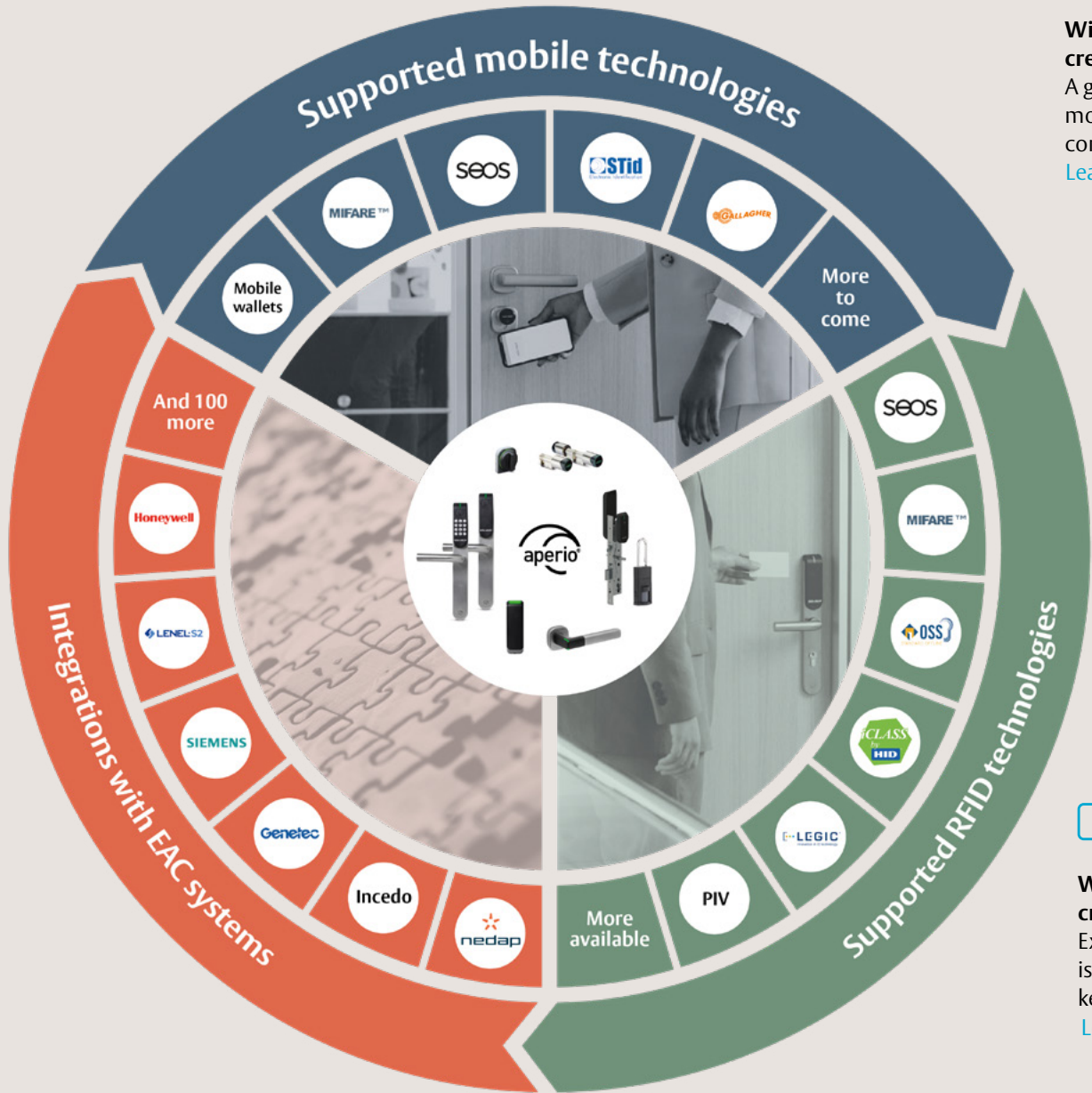- Add, delete and change user access rights from a single management point

Solve your lost
key problem
with secure
RFID and mobile
credentials

Aperio's open technology guarantees integration and compatibility

Supported mobile technologies

- MIFARE™
- seos
- STid
- Mobile wallets
- More to come

Integrations with EAC systems

- And 100 more
- Honeywell
- LENEL:S2
- SIEMENS
- Genetec
- Incedo
- nedap
- More available
- PIV

Supported RFID technologies

- seos
- MIFARE™
- OSS
- CLASS HID
- LEGIC

With the latest secure mobile credential technologies
A growing range of secure mobile keys, via NFC and BLE, add convenience and security.

With your existing EAC or security management system
Aperio natively integrates with more than 130 different systems globally – and counting.
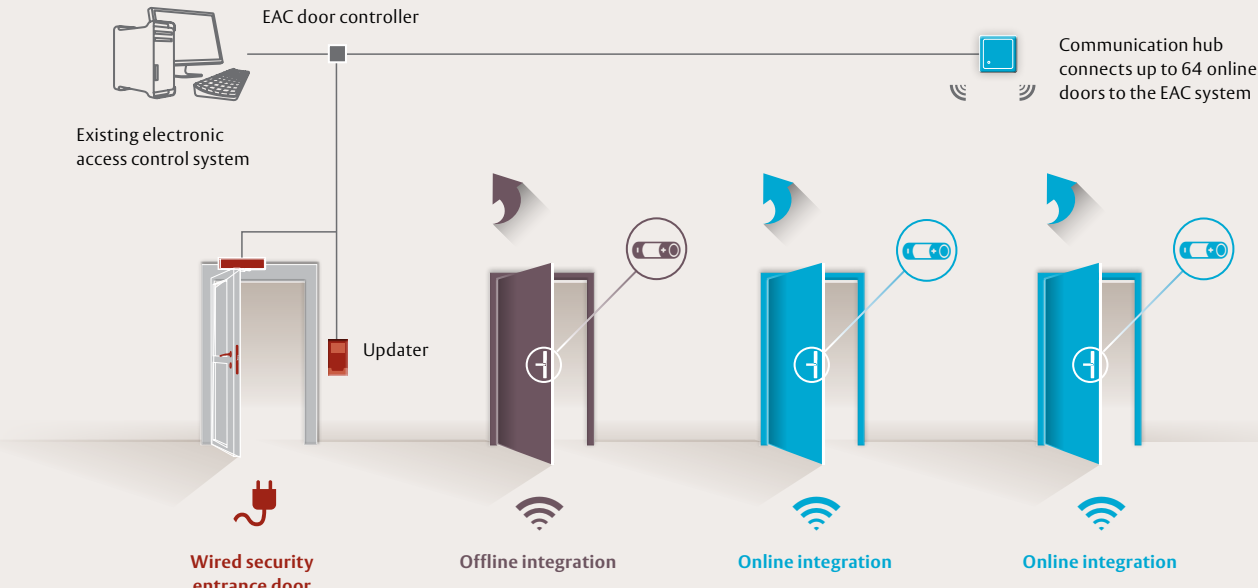
With almost any standard RFID credential technology
Extending your system with Aperio is smooth and seamless because you keep your existing credentials.

Choose the integration you need and change it as your security evolves

Aperio Online integration:
Door monitoring in real time
Aperio Online integrations offer real-time lock-to-system, instant audit trails and remote locking/unlocking function. Online integration puts you in total control of access and equips you to react quickly to any emergency.

Aperio Offline integration:
Access rights on card via updater:
Individual lock and user permissions updates may be completed remotely or locally, via udpate readers.
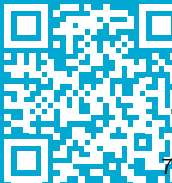
With Aperio, you can combine Offline and Online doors without the need to replace or modify locks.

- EAC door controller
- Communication hub connects up to 64 online doors to the EAC system
- Existing electronic access control system
- Updater
- **Wired security entrance door**
- Offline integration
- Online integration
- Online integration

Only native integration is true integration

Aperio's unique design makes your wireless devices part of the existing system, rather than an add-on. There's no additional database setup. Administrators update one interface, one database. All Aperio devices are controlled and operated entirely within the EAC system.

Native integration video

Compatible with your existing credentials

Aperio is a smart investment. When you extend access by adding Aperio wireless locks, there's no need to change your existing credentials.

Whether you are using RFID cards, tags, fobs, or the latest mobile credential technologies, Aperio is compatible. You can even use multiple credential types in parallel.

"Having just a single badge – and not having to carry around heavy keys – has been a major advantage for us."

Béatrice Dequidt, Health Executive, Centre Hospitalier Métropole Savoie

Future-proof digital access with mobile credentials

For maximum convenience, your new Aperio devices are already compatible with a wide – and growing – range of mobile credentials, including BLE, NFC, Seos, and smartphone unlocking with mobile wallets (Apple and Google).

You can decide to update right away or continue using traditional credentials until the time is right. With Aperio, your investment in digital access is always future-proofed.

With Aperio,
the latest mobile
technologies are
available to your
organization

Mobile wallets | GALLAGHER | seos | STid | MIFARE™

Aperio locking devices for doors

Extend access control to offices, meeting rooms, entrance doors, turnstiles, roof access and more.

Aperio® E100

Wireless escutcheon with RFID and Bluetooth/ NFC reader, with PIN as an option
Robust access control with customizable features

The Aperio E100 escutcheon is a popular choice for internal doors. Aperio E100 Escutcheons offer a convenient combination of free exit from the inside with automatic locking on closure from outside. The Aperio E100 is available in additional versions: Premium* (for security, fire and escape route doors) and PINpad (for multi-factor authentication). E100 supports Electronic privacy, Escape and Return, and Emergency code functions.
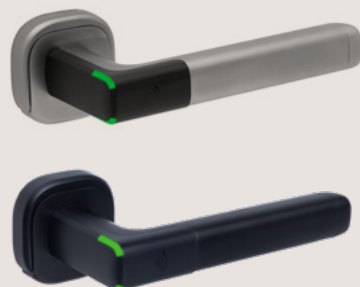

* Only available for Euro DIN version

Aperio® H100

Wireless handle with RFID and Bluetooth/NFC reader
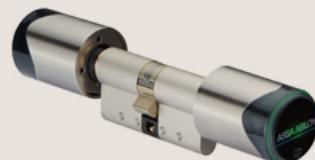**Powerful access control inside an award-winning door handle**

Aperio H100 packs the power and flexibility of wireless access control into one slim, cleverly designed, battery-powered door handle. With easy retrofitting to almost any interior door and comprehensive RFID support, the Aperio H100 handle makes it cost-effective to boost security for sensitive offices, storerooms, archives, meeting rooms and more.
H100 holds fire certification: EN1634-1.
Recognized three times by industry awards for innovation, operation and interior design.
Available in Satin Chrome and Black finishes.

Recognized three times by industry awards for innovation, operation and interior design

Aperio® C100

Wireless cylinder with RFID and Bluetooth/NFC reader
The non-disruptive way to extend access control

The Aperio C100 Cylinder is a wireless locking device suited to almost any internal door — from offices and meeting rooms to classrooms, stock rooms and bedrooms.
The C100 Cylinder fits all mortice locks, including on glass doors. It comes in single- and double-knob, DIN, Scandinavian and Swiss cylinder body versions with metal knob cover.
Server rack and panic device versions available.

Aperio® L100

Wireless escutcheon with RFID and reader, with PIN as an option
The cost-effective solution for doors with demanding access control requirements

The Aperio L100, available with PINpad for multi-factor authentication, provides a cost-effective, straightforward alternative to a wired high-end solution. Neither cabling nor door alterations are required during installation. And you can choose a variety of handles.
Versions available for panic exit devices.
Monitoring: Take full control of your door in real time. Stay informed about its status and always know which doors are securely closed.

Aperio® DR100

Wireless wall reader with relays with RFID and Bluetooth/NFC reader
Robust access management for high traffic doors

Designed for both indoor and outdoor use, the DR100 extends access control to high-traffic areas like entrances, turnstiles, loading bays, roof access, and more. Installing an Aperio DR100 is simple and flexible, and comes with a choice of configurable relay options.
Secure installation mode combined with device tamper sensors ensure a high level of security for key high traffic doors.

Aperio locking devices beyond doors

Protect more than just rooms and other large areas. Aperio also helps you monitor and filter access to important drawers, cupboards and storage spaces, both indoors and outside.

Aperio® KL100

Wireless cabinet lock with RFID and Bluetooth/NFC reader
Wireless protection for lockers and cabinets

The KL100 is the perfect lock for offices, schools, utilities and other sites where there is a need for cabinet access control. It works with your existing credentials, extending access control beyond doors to secure lockers, drawers or cabinets.
Can be used with both swinging and sliding cabinet drawers.

Aperio® P100

Wireless padlock with RFID and Bluetooth/NFC reader
Convenient and flexible protection for sensitive indoor and outside areas

Aperio P100 provides convenient, digital protection for fences, gates, storage cages, racks, containers, tool cabinets and other non-standard openings.
The P100 has an IP66 rating which provides a high level of protection against both dust and water ingress, making it suitable for outdoor applications where exposure to the elements is expected.

Aperio installation

Aperio devices for doors, cabinets and more are designed for fast, easy and flexible installation. Ideal for retrofitting doors without the need for electrical wiring and very little disruption to anyone's daily routine.

Fit quickly and wirelessly, without drilling

Less cost:
More efficient installations with less energy consumed and labour costs up to 80% lower than for equivalent wired devices.

Less hassle:
Because almost no drilling is required in wireless installations they are less disruptive than running cables to every door to hard-wire a security system.

Less time:
Aperio locks are easy to install and configure, with no special tools or database integration needed, saving you precious time.*

*2 minutes is all you need to install a C100 cylinder.

Aperio configuration

With the Aperio Installer software tool, intallations are fast and intuitive. Only two steps are needed.

Step 1
Plan

Intuitive configuration. Stress-free planning

Plan your installation off-site in the Aperio Installer portal
Create site plans and product configurations in advance

Set up the installation off-site, logging on securely to the web-based Aperio Installer portal. Re-create your site structure in the portal, assigning hubs and locks to each area, and easily prepare configurations for each device. Once the planning is finished, installers will find the ready-to-go configurations in their mobile app.
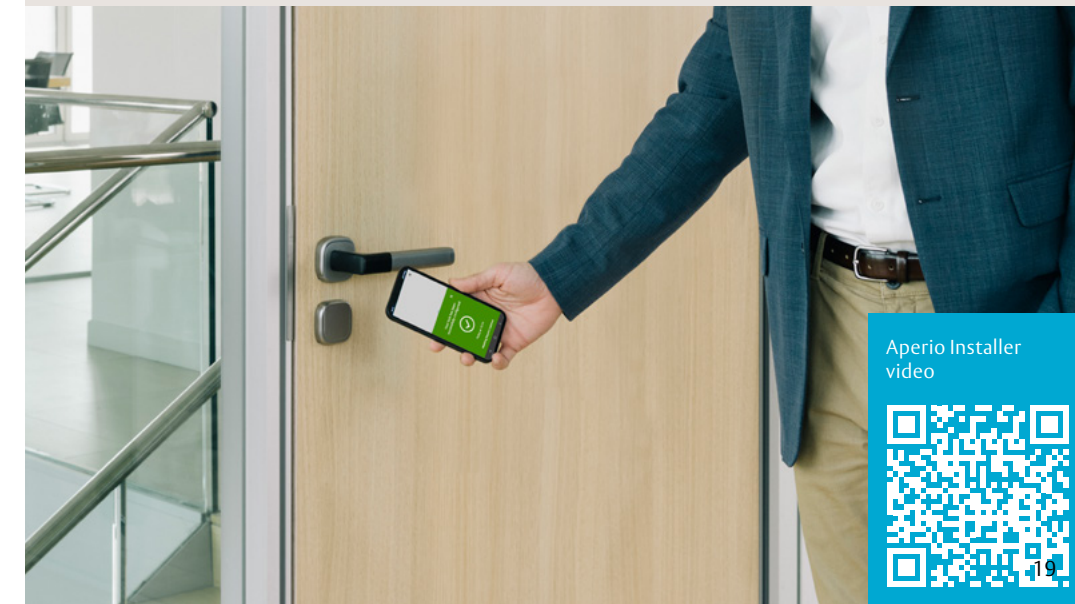
Step 2
Configure

Device configuration is done in seconds

Initialize locking devices with the Aperio Installer app
Transfer configurations directly to each device – all you need is a phone

This all-in-one tool simplifies the initialization legwork. To configure your Aperio device, you just need to be near or tap a device with your phone. Initialization and pairing of hubs with the lock is completed automatically. For configuration, a smartphone (Android; iOS launching soon) equipped with Bluetooth Low Energy (BLE) technology is all that's required.

Aperio Installer video

Aperio integrations already operate in education, healthcare, commercial offices, public institutions and many more places around the world

Fitting Aperio wireless escutcheons and locks to critical doors ensures staff, students, visitors and confidential information are safe without impacting the university's accessibility
InHolland University, Netherlands

Education

University of St Andrews Scotland

The university has installed Aperio wireless locks on almost 1,700 student bedrooms. St Andrews takes its environmental footprint very seriously: These battery-powered, wire-free electronic locks, integrated with their ARX access control system, are a natural fit for their ethos.

Healthcare

Savoy Hospital Chambéry, France

More than 1,300 Wireless Aperio locks, fully integrated with Gallagher Command Centre software, complement wired locking to secure a large French hospital: with real-time door control and system compatibility with the government's electronic Health Professional Card (CPS).

Transport/Logistics

Helsinki Airport Finland

85 KL100 cabinet locks and 765 H100 handles were installed at Helsinki Airport. With Aperio, operations are now streamlined, making it easy to audit cabinet access during incidents. No more manual handling and tracking of hundreds of mechanical keys, saving both time and logistical costs. Individual employee access can be revoked via the Lenel control panel.

Everybody benefits from Aperio
Building access control impacts multiple stages and stakeholders

Business owners, security staff, and facility managers have an extensive product portfolio to choose from. This allows them to select the optimal solution that meets their individual requirements. Aperio ensures low energy consumption and minimal maintenance.

Users benefit from the convenience and safety provided Aperio. Our solution enhances their experience in the building—from installation through to daily use.

OEMs, system integrators, and installers benefit from our top-tier technology, whether for new installations or digital access upgrades. They also gain from our unparalleled expertise in standards. Additionally, we offer a broad selection of Aperio devices.

For architects and specifiers, integrating modern design aesthetics and green building practices is a key concern from the design phase. Aperio devices can help achieve these goals.

Do you want to learn more about what Aperio can do for you?

Request more information and an ASSA ABLOY digital access expert will get back to you

· Expand and secure more access points easily and conveniently
· Increase your security level and improve user experience
· Reduce costs and save energy

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, door and window hardware, locks, access control and service.

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