

ASSA ABLOY

Solution brochure

Aperio[®] wireless locking technology

Expand your access control system

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.

The challenges of manual access administration

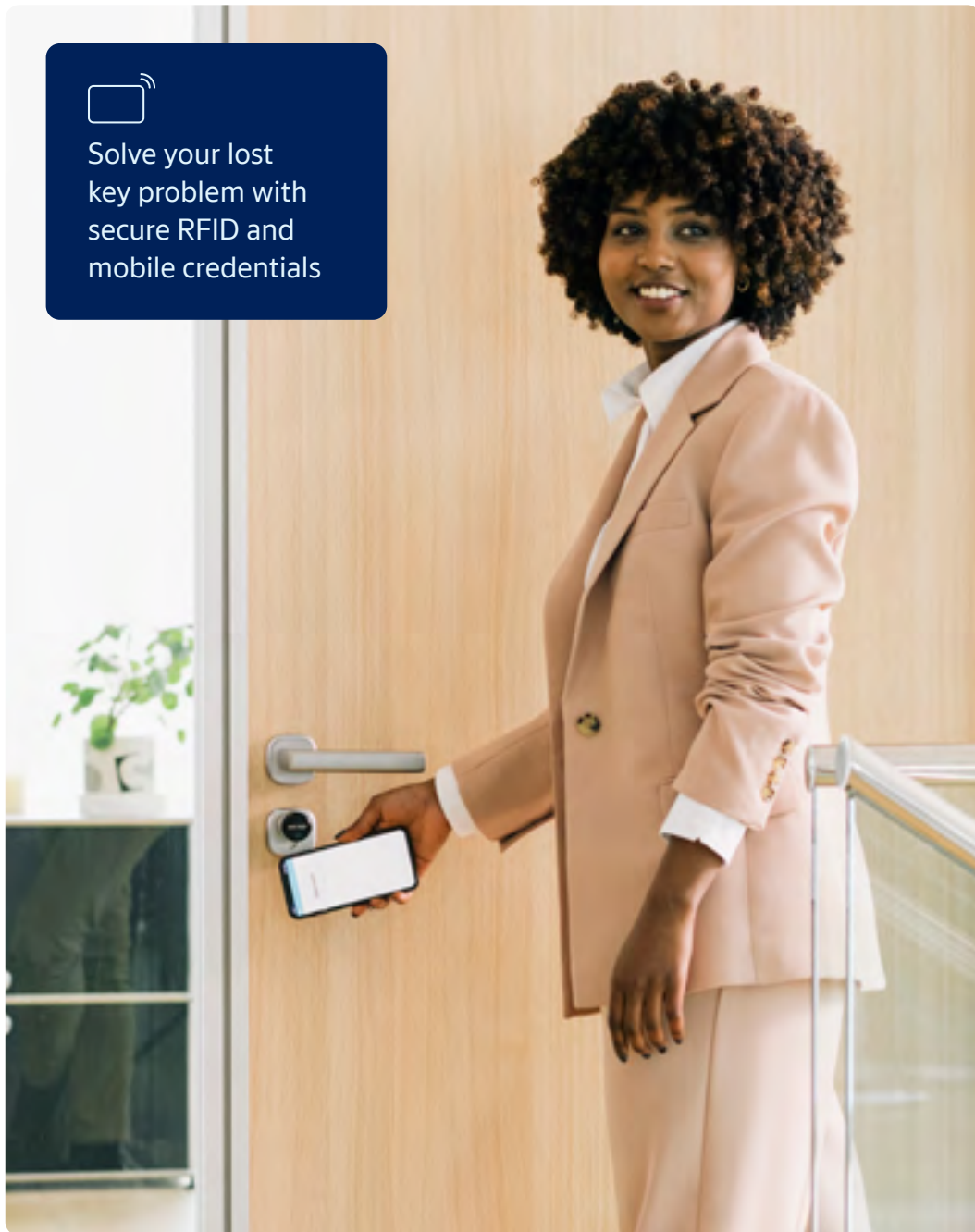
Managing a mixed solution of wired and mechanical locks can be complex, inefficient and create security issues.

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?





Solve your lost key problem with secure RFID and mobile credentials

Upgrade access control and forget about keys

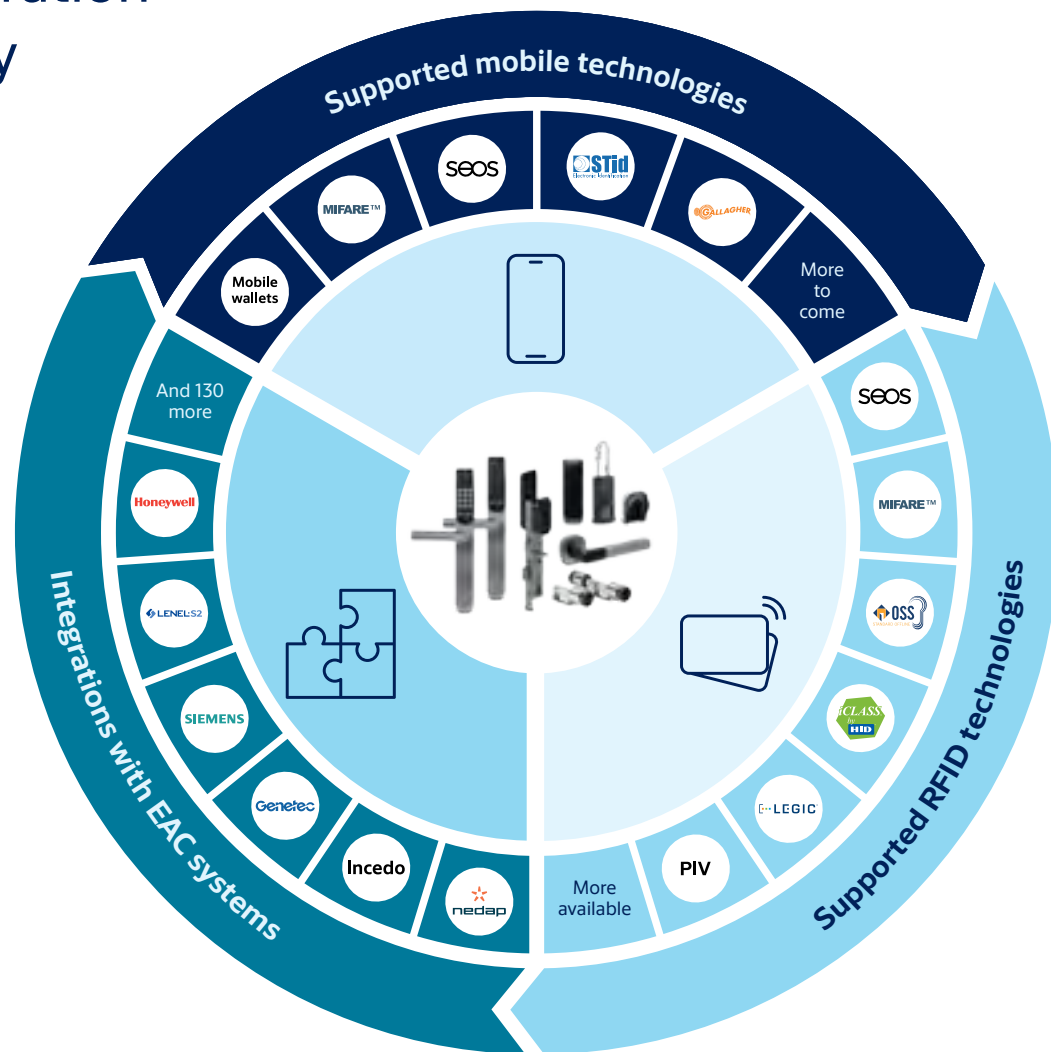
By choosing Aperio, you can integrate doors, cabinets, cupboards, server racks, and more with your existing access system - without wiring or cabling. With wireless access control you:

- 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



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

Aperio's open technology guarantees integration and compatibility



With your existing EAC or security management system
 Aperio natively integrates with more than 130 different systems globally - and counting.

[More on page 17](#)



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

[More on page 8](#)



With almost any standard RFID credential technology
 Extending your system with Aperio is smooth and seamless because you keep your existing credentials.

[More on page 7](#)

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

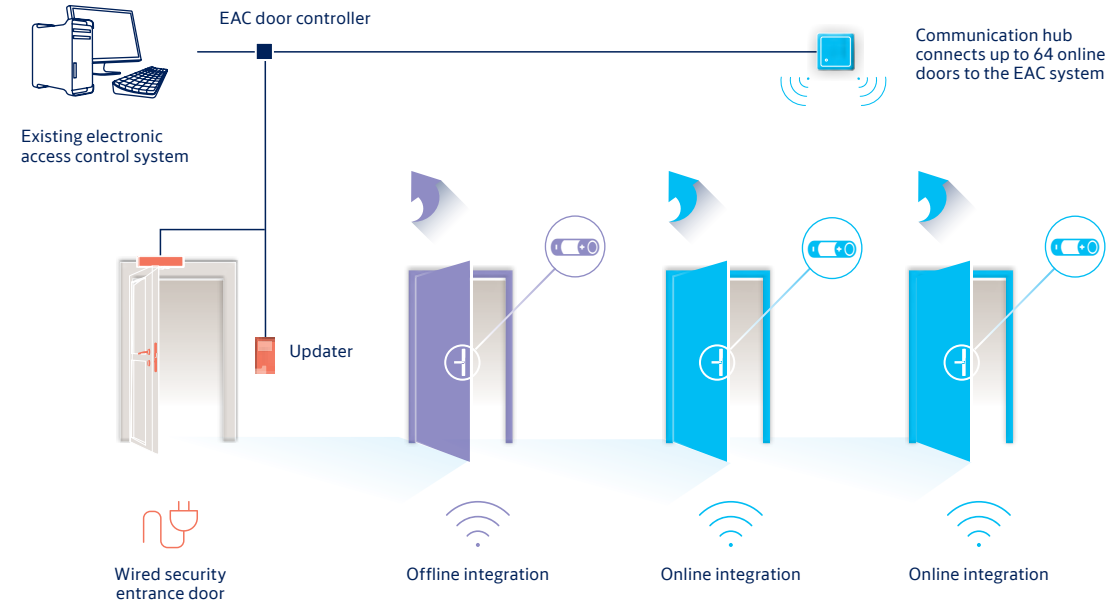
Aperio Online integration: Door monitoring in real time

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 update readers.

With Aperio, you can combine Offline and Online doors without the need to replace or modify locks.



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





Aperio works with almost any standard RFID credential technology

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

Upgrade anytime: Your Aperio devices are mobile-ready from day one

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

Aperio locking devices

Extend access control to offices, meeting rooms, entrance doors, lockers, turnstiles 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 (it provides advanced functionality and added durability, with the Euro profile version offering additional features such as security, fire-door, and escape-route support) and PINpad (for multi-factor authentication).



E100 supports
Electronic privacy,
Escape and Return,
and Emergency
code functions



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.

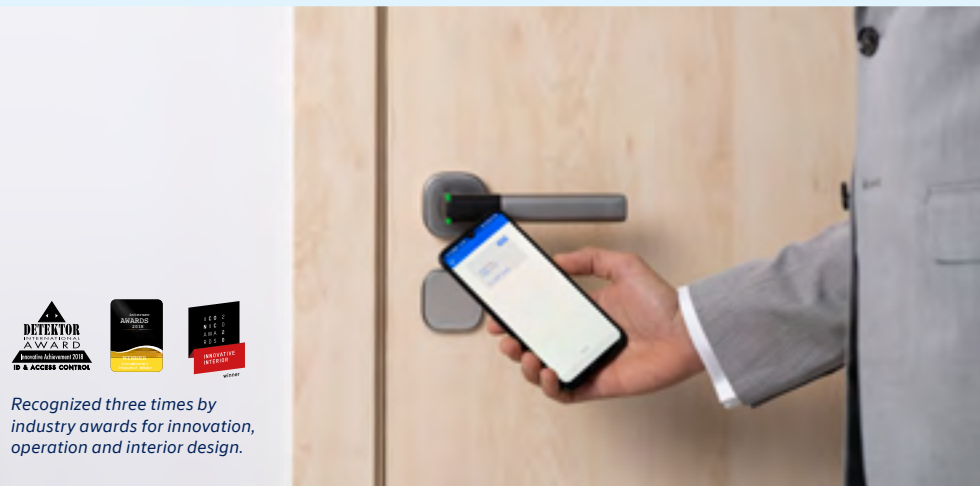


Aperio C100

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.



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



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



Fit quickly and wirelessly, with little to no drilling

With simple mounting and no complex cabling, most installations are done in minutes, making upgrades effortless.

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.



Complete configuration in just two steps

With the Aperio Installer software tool, configuring your Aperio devices is 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 equipped with Bluetooth Low Energy (BLE) technology is all that's required.



Proven Aperio integrations around the world



Multi-residential

City Pop standardized access to its portfolio of serviced apartments with Aperio wireless locks integrated natively with an Incedo Pro access management system. With Aperio, City Pop's multiple sites across Europe, enjoy a fully digital, mobile-first access experience.



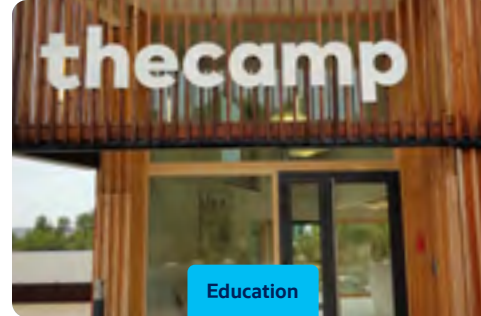
Enterprise

Canal+ built its new Paris headquarters as a connected smart building that enables flexible working while improving sustainability. To achieve this, they installed Aperio wireless handles and ABLOY electromechanical locks integrated with their Genetec access control system.



Education

University of St Andrews in Scotland takes its environmental footprint very seriously: The Aperio battery-powered locks, installed in almost 1,700 student bedrooms and integrated with their ARX access control system, are a natural fit for their ethos.



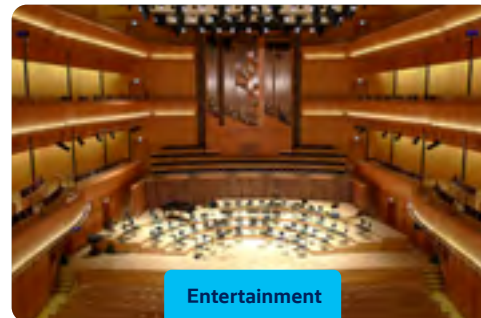
Education

The Camp in France delivers business education and innovation programs across offices, event areas, kitchens and accommodation blocks. To secure this diverse site, they installed Aperio wireless locks integrated with the TIL Technologies access control system.



Healthcare

At **Savoy Hospital Chambéry** in France more than 1,300 Aperio locks, fully integrated with Gallagher Command Centre software, complement their wired locking to secure the hospital.



Entertainment

Stavanger Concert Hall in Norway streamlined building management by installing 135 Aperio wireless locks integrated with their access control system. Administrators can now easily manage user groups and tailor RFID access rights for staff, musicians, and contractors.

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.

Get your access ready for the future

Our experts will help you understand:

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



Contact your local
Aperio expert now 



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and more open world

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