Securing your data centre with access control

Streamline access and protect your data with Aperio®

ASSA ABLOY
Opening Solutions

Experience a safer and more open world

Combine secure data with convenient access

Every data centre is different
At co-located facilities, a data centre owner must demonstrate that tenants' data is safe. Any potential client will only become a customer if they are convinced. In this fast-growing market, competition is fierce. Having secure, flexible, modern access control in place gives you a competitive advantage.

Common security challenges
Although no two data centres are exactly alike, they do face common challenges in managing the movement of people into and around their premises. Specifying the right access solution will help in-house and external data centre managers meet them.

Four challenges for your access control system

Filter access
How to streamline entry and enable secure, efficient movement around the data centre?

Limit access
Can different user groups with specific needs have levels of access tailored to them?

Simplify access
Could issuing one flexible credential save users' time and boost everyday convenience?

Verify access
Are real-time event logs available to prevent incidents or help investigation?

The answer:
A layered approach to protecting your data centre and servers

Simplify access

A three-layer solution helps to ensure access into and through the data centre is efficient and secure. It combines convenience for staff and visitors with appropriate safeguards for your equipment and data.

1 Perimeter Security

Ensures only authorized personnel even enter the building: door, gate and fence locks, CCTV and other monitoring

2 Room Security

Involves equipping all kinds of doors and cupboards — such as key lockers — with wireless locks

3 Rack Security

The final defence against any breach, with specialist rack locks which monitor access and can generate audit trails

Three security layers – one solution

Aperio extends, wirelessly, perimeter security inside your building:
Add wireless access control to your doors and server racks with Aperio locking devices

Communication hub
Highly secure, encrypted radio communication is available

1 Perimeter Security
Aperio integrates with your existing security system, whatever the manufacturer

1 Perimeter Security
Wired security entrance door

2 Room security
Add doors to your EAC system with battery-powered Aperio devices

3 Rack security
Add cabinets, racks and drawers to your EAC system

Secure your data centre with Aperio

Keep your current EAC system and add wireless access control to doors and server racks with Aperio locking devices

Click the wireless symbols to learn more

Secure your data centre with Aperio

Keep your current EAC system and add wireless access control to doors and server racks with Aperio locking devices

Entrance door to server room

Aperio lock or premium escutcheon with special certifications for increased security

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Secure your data centre with Aperio

Keep your current EAC system and add wireless access control to doors and server racks with Aperio locking devices

Server racks
Aperio server rack lock or Aperio server rack cylinder protect server cabinets while helping you comply with data regulations
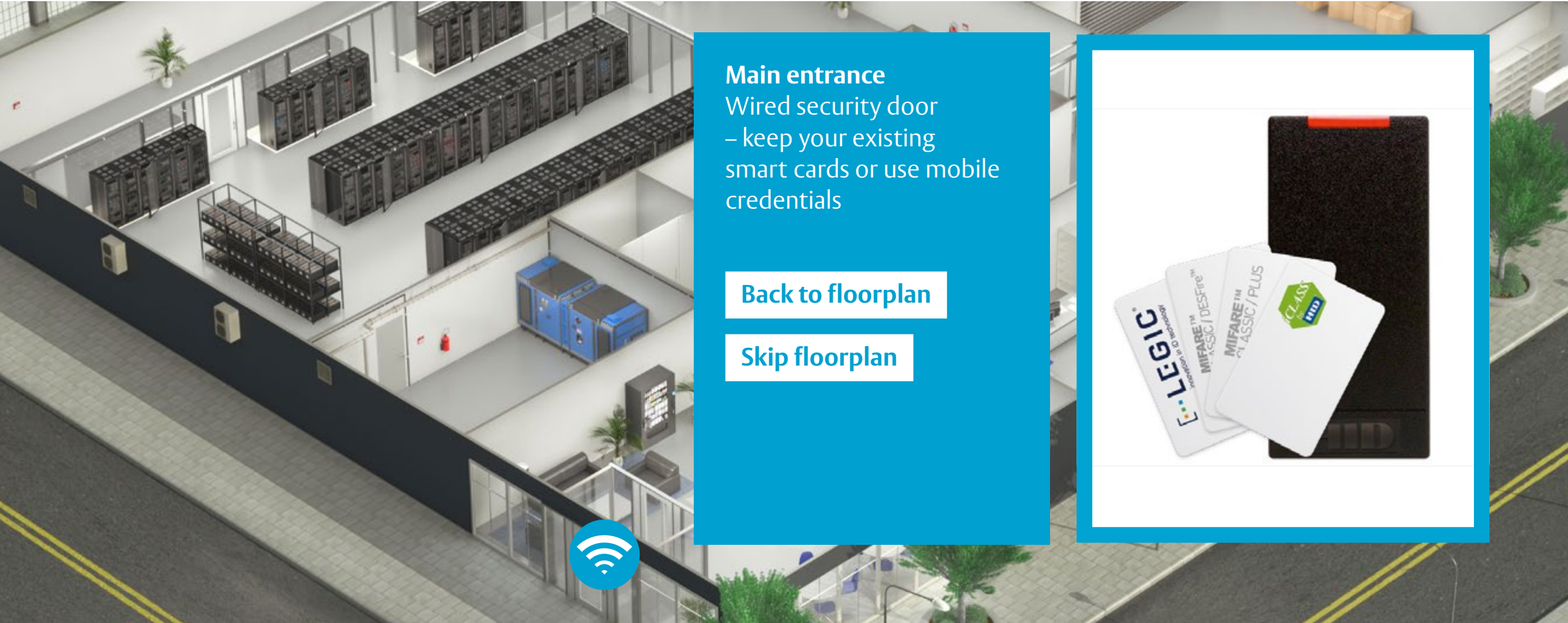
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Secure your data centre with Aperio

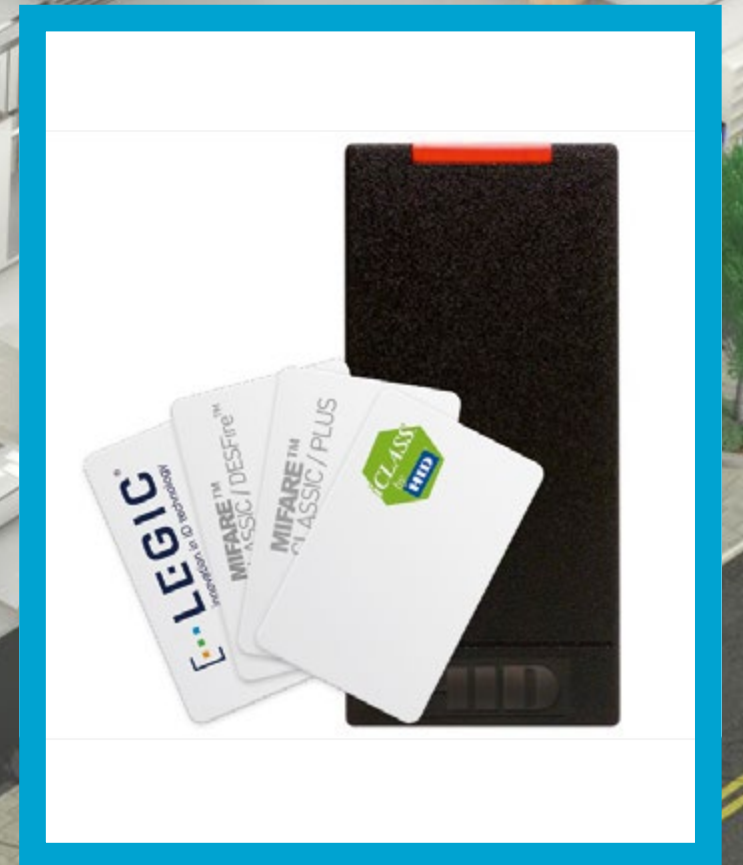**Keep your current EAC system and add wireless access control to doors and server racks with Aperio locking devices**

Main entrance
Wired security door – keep your existing smart cards or use mobile credentials

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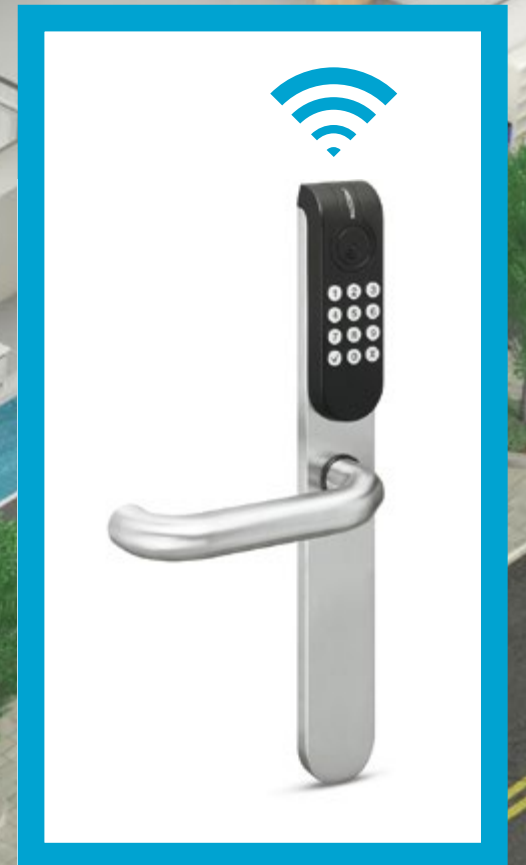
Secure your data centre with Aperio

Keep your current EAC system and add wireless access control to doors and server racks with Aperio locking devices

Sensitive area entrance
Aperio PINpad escutcheon provides two-factor authentication for an extra level of protection

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Secure your data centre with Aperio

Keep your current EAC system and add wireless access control to doors and server racks with Aperio locking devices

Offices and meeting rooms
Aperio handles, cylinders and escutcheons are easy to use for employees or cleaners

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Drawers and cabinets

Aperio cabinet lock* adapts to multiple applications: lockers, cabinets, file trolleys and more

* Available in 2022

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Why Aperio?

Project an image of efficiency, control and trust to every customer and visitor, while providing access control for most spaces and openings beyond the perimeter.

Trusted protocols
All communications between device and hub are transmitted securely (e.g AES 128 bits)

Smarter access
Aperio works with RFID and mobile technologies simultaneously

Live door status
Monitor access to your most sensitive assets and areas with a real-time overview

Audit trails/logs
Keep control of who accessed and when, to streamline any incident investigations

Fire certification
Extra security for hazards besides breaches

Find out more about
Aperio Wireless Access Control

We hope you find this Aperio solution guide useful. If you would like more information about Aperio, click the link below and we will put you in touch with one of our local experts.

Your consultant will help you to:
· Boost security and improve workflow efficiency
· Reduce capital expenditure and operational costs
· Discover new return on investment opportunities

Put me in contact with an expert

No need for an access control system?
ASSA ABLOY's Code Handle adds digital PIN security to any door, including glass doors, without wires or software. Hassle-free protection for equipment and personal belongings

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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