

# Security Continuum

ASSA ABLOY

## Solutions for Every Opening

*Solutions from ASSA ABLOY Group brands:*

ADAMS RITE | CORBIN RUSSWIN | HES | MEDECO | NORTON  
SARGENT | SECURITRON | YALE

The global leader in  
door opening solutions



# Properly Secure Every Opening



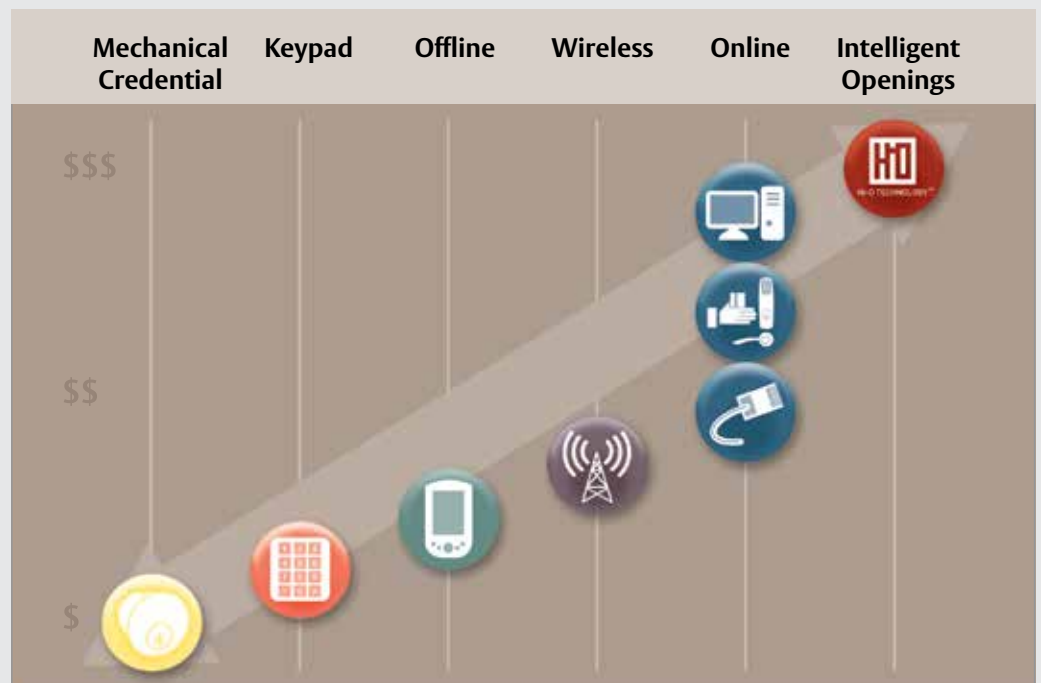
## Optimize Your Security Investment

ASSA ABLOY, the global leader in door opening solutions, continues to break new ground by offering the broadest range of security technologies in the industry. From mechanical keys to intelligent openings, this array of technologies – known as the Security Continuum – pairs the appropriate locking technology to the specific requirements and risks of each opening.

Because every opening is different based on its usage, employing a single technology throughout a facility doesn't make sense. Careful consideration of each opening based on usage requirements allows proper selection of access control, enhancing the security of a facility and keeping costs in line.

This is the core principal of the Security Continuum.

## The Security Continuum



ASSA ABLOY offers a complete range of technologies with increasing capabilities designed to address today's security requirements.



# Key Systems

ASSA ABLOY Group brands were early innovators in the field of key systems. Though much has changed in cylinder mechanics and how facilities secure their doors, key systems are still the backbone of facility security, and ASSA ABLOY remains the leader in key system technology. Our brands are continuously upgrading their key systems to meet new challenges that confront the market.

The most basic level of protection is a typical mechanical cylinder with a legacy key system. This key can easily be duplicated and thus offers very low level security. ASSA ABLOY Group brands offer varying levels of protection to enhance legacy key systems, including:

- Patented key systems that protect against unauthorized key duplication
- Geographic exclusivity that further restricts how a key can be duplicated
- Cylinders listed to UL 437 offer protection against picking, drilling, and physical attack

The key system is often one of the greatest sources of vulnerability in a facility's security. Key control and choice of key technology are essential considerations.

## Products

- CORBIN RUSSWIN Access 3™ (future)
- CORBIN RUSSWIN Pyramid
- MEDECO X4
- MEDECO BiLevel\*
- MEDECO<sup>3</sup> Logic\*
- MEDECO<sup>3</sup> High Security
- MEDECO Hybrid Key\*\*
- SARGENT Degree™
- SARGENT Signature®
- SARGENT Keso
- SARGENT XC

\* Can be part of same system and share common key

\*\* Can be used with any of the above MEDECO systems to add contactless credentials to a mechanical key system

## Applications

- General facility security
- Record/file storage rooms
- Pharmaceutical storage rooms
- Cabinets
- Offices





# Keypad Access Control

Keypad access control introduces the convenience and flexibility of pin code credentials.

## Products

- ADAMS RITE eForce®-150
- SARGENT KP Series
- SECURITRON DK-12
- SECURITRON DK-16
- SECURITRON DK-26
- YALE inTouch™

## Applications

- Professional offices within a building
- Side entrances in commercial, retail or office buildings
- Utility areas or supply closets
- Server rooms

Keypad locks offer basic access control capabilities. Typically programmed by visiting the door, these locks provide security using keypad only.

Keypad locks come in a variety of forms including the Yale inTouch lock, which has a digital touch screen similar to a smart phone. Programming and day-to-day use of inTouch is simplified with an interactive, voice-guided system.

Securitron also offers digital keypads to work with any electronic lock. Offering easy installation in a wide range of indoor and outdoor environments, Securitron digital keypads are weather resistant and tamper proof. This provides a scalable, flexible solution that allows users to manage locks locally, and add and remove users without issuing keys.

## Features

- Easy, affordable upgrade from mechanical locks
- Allows users to manage locks locally
- Fast, simple installation
- Flexibility to add and remove users without issuing keys





# Offline Access Control

Offline locks and eCylinders offer an economical solution for customized access control.

## Lock Features

- ANSI/BHMA Grade 1 hardware, offering the highest degree of physical security available in access control locks
- Programming is accomplished through the use of a PDA or data transfer device and PC based software
- Locks support up to 1,200 users per door and a 700 event transaction history - all maintained in lock memory
- Locks support HID® 125 kHz proximity credentials; also available with keypad and/or magnetic stripe
- Uses standard batteries for easy deployment and maintenance

## eCylinder Features

- A straightforward and cost-effective security solution that provides flexibility and accountability
- The same easy installation as mechanical cylinders, but with the advantages of an electromechanical access control system
  - Audit trails
  - Schedules
  - Digital rekeying
  - Dual credential capabilities
- Digital keys and cylinders from MEDECO provide:
  - Sophisticated loss and liability control without any wiring, door and frame modifications, or additional hardware
  - Easy administration with PC or web software and ability to program keys remotely or via mobile devices

Offline locks and cylinders provide an affordable option for customized access control.

## Products

- CORBIN RUSSWIN Access 700® PAC1
- CORBIN RUSSWIN Access 800® AC2
- MEDECO Logic® Classic
- MEDECO<sup>3</sup> Logic
- MEDECO XT
- SARGENT Passport 1000 PG
- SARGENT Profile Series v.G1.5

## Applications

- Dorm rooms
- Private offices
- Storage areas





# Wireless Access Control Solutions

Extend the reach of your access control system using IEEE 802.11b/g WiFi infrastructure.

## Products

- CORBIN RUSSWIN Access 700® PW11
- CORBIN RUSSWIN Access 800® W11
- SARGENT Passport 1000 P2
- SARGENT Profile Series v.S2

## Applications

- Classrooms
- Record rooms
- Office doors
- Dorm rooms

## *Intelligent WiFi Access Control Solutions*

ASSA ABLOY WiFi locks and exit devices provide complete access control in locations where it would be difficult or cost-prohibitive to install a wired lock. With no wires to run, installation time is significantly reduced – simply install the device on the door and configure it to communicate with the wireless network.

## Features

- Utilizes IEEE 802.11 b/g wireless communication
- Scheduled and user-initiated updates eliminate manual programming
- Real-time door status monitoring and real-time, configurable alarm notification
- Local decision making: 2,400 users supported; 10,000 event transaction history
- Advanced data security with standard encryption techniques
- AES 128-bit encryption and support for most current WiFi network standards
- ANSI/BHMA Grade 1 hardware, offering the highest degree of physical security available in access control locks
- Supports HID® 125 kHz proximity or 13.56 MHz iCLASS® (full authentication, all formats) credentials; also available with keypad and/or magnetic stripe





Aperio technology is a global wireless platform that reduces the cost and inconvenience of traditional access control – without the hassle of complex site surveys. It utilizes local wireless communication between the lock and a communications hub above the door to connect to an online electronic access control system. This offers facilities an easy, affordable way to expand the reach of existing access control systems and secure additional openings.

### Features

- Utilizes IEEE 802.15.4 wireless communication between the lock and an Aperio hub that is connected to the electronic access control system
- Real-time communication with the access control system for greater security and control
- Real-time door status monitoring
- Advanced data security with standard encryption techniques
- AES 128-bit encryption
- Global wireless platform that addresses a wide range of security requirements
- ANSI/BHMA Grade 1 hardware, offering the highest degree of physical security available in access control locks
- Supports HID® 125 kHz proximity or 13.56 MHz iCLASS® (full authentication, all formats) credentials

Aperio offers the same real-time communication as traditional access control without the inconvenience of wiring the door.

### Products

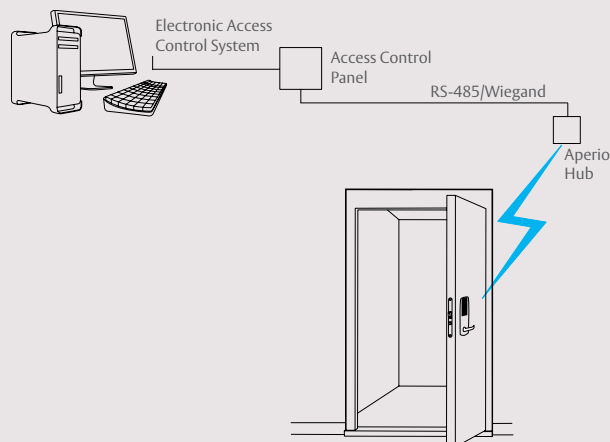
- ADAMS RITE A100 Keyless Entry Control for Aluminum and Glass Doors
- HES K100 Cabinet Lock
- MEDECO M100 eCylinder
- SARGENT IN100 Locks
- SARGENT PR100 Locks

### Applications

- Common areas
- Tenant spaces
- File storage areas
- Retail space

## Redefining wireless access control

*Local wireless communication eliminates the cost and inconvenience of wiring in and around the door, without the hassle of complex site surveys.*





# Online Access Control

Integrated Wiegand solutions offer the perfect balance of style and security.

## Products

- Integrated Strikes
  - Available with any HES electric strike
- Access Control Locks
  - ADAMS RITE eForce® 3090P/C
  - CORBIN RUSSWIN Access 600® RNE1
  - CORBIN RUSSWIN Access 800® NE1
  - SARGENT Harmony® Series
  - SARGENT Profile Series v.N1
  - SARGENT SE LP10
  - YALE Symphony®

## Applications

- Exterior doors
- Main entrances
- High security openings



## Integrated Wiegand

ASSA ABLOY Wiegand-enabled locks and strikes combine all standard access control components into a single device. This integrated approach significantly reduces installation time and creates a streamlined aesthetic that blends flawlessly into any environment.

Integrated Wiegand products make it easy to incorporate doors and hardware into existing access control systems, because the open architecture platform is compatible with all popular access control systems. ElectroLynx® plug-and-go connectors further reduce installation costs and disruptions at the opening.

## Features

- Open architecture platform offers compatibility with all popular access control systems
- Features integrated monitoring
- Significantly reduces installation time
- Streamlined appearance blends beautifully into any environment
- Requires only one cable run from the lock to the access control panel
- Industry standard Wiegand output eliminates need for interface panel
- Proven ANSI/BHMA Grade 1 hardware, offering the highest degree of physical security available in access control locks
- Supports HID® 125 kHz proximity or 13.56 MHz iCLASS® (full authentication, all formats) credentials; multiCLASS® option also available with SARGENT SE LP10

*Harmony is in tune with the aesthetic needs of the architect, and provides high security for the facility manager*



## Power over Ethernet (PoE) Access Control Solutions

ASSA ABLOY PoE Access Control Solutions take advantage of the existing Local Area Network (LAN) for both power and data, eliminating the need for any additional power supply or electrical wiring. Utilizing existing IEEE 802.3af (PoE) infrastructure streamlines the installation process, reduces costs, and enables real-time communication.

ASSA ABLOY Group companies offer multiple IEEE 802.3af (PoE) compliant solutions designed to meet your needs – whether you are securing a single building or an entire campus.

### Features

- Utilizes IEEE 802.3af PoE-enabled network infrastructure for both power and data
- Provides same real-time communication as traditional access control
- Real-time door status monitoring
- Real-time, configurable alarm notification
- Local decision making: 2,400 users supported; 10,000 event transaction history
- Proven ANSI/BHMA Grade 1 hardware, offering the highest degree of physical security available in access control locks
- Supports HID® 125 kHz proximity or 13.56 MHz iCLASS® (full authentication, all formats) credentials; also available with keypad and/or magnetic stripe

### IP-Enabled Solutions *A different type of network security*

ASSA ABLOY IP-enabled access control solutions take advantage of open standard network infrastructure to provide advanced security and easier, more cost-effective installations. Available in a complete range of locks with full iCLASS® credential authentication, our IP-enabled solutions ensure reliable communication, advanced management capabilities, and real-time alarm notification.

Power over Ethernet solutions use standard network cabling for both power and data, simplifying installation and reducing costs.

### Products

- CORBIN RUSSWIN Access 700® PIP1
- CORBIN RUSSWIN Access 800® IP1
- SARGENT Profile Series v.S1
- SARGENT Passport 1000 P1

### Applications

- Mission critical openings
- Secondary entrance doors
- Classrooms



# Online Access Control Components

## Products

- Electric Strikes
  - HES
  - ADAMS RITE
- SECURITRON Maglocks
  - M680
  - M32
  - M62
  - MM15
  - iMXDa
- Solenoid Locks
- Gate Locks
- Cabinet Locks

## Power Products

- Power Supplies
  - SECURITRON BPS
  - SECURITRON AccuPower®
- Solar Power
  - SECURITRON BPSS
- Power Transfers
  - SECURITRON CEPT, SEPT
  - SECURITRON PowerJump™ ICPT
- Electrified Hinges
  - SECURITRON EH
  - McKINNEY eHinges

ASSA ABLOY offers a broad range of access control products that span the Security Continuum and complete the security solutions for a variety of standard, perimeter and auxiliary openings. With electromechanical locking solutions that offer protection from light duty to heavy duty and specialty applications that extend to perimeter gates and interior cabinets, ASSA ABLOY covers the entire continuum.

- Access control protection up to 4000 lbs holding force
- ANSI/BHMA Grade 1 hardware
- Complements offline or online credential authentication
- Code compliant egress solutions

## Powering the Continuum

Sustaining the Security Continuum requires power. ASSA ABLOY offers innovative solutions to deliver this power:

- Energy harvesting and solar devices support green initiatives
- Battery operated technologies enable wireless environments
- Reliable, clean, low-noise power supplies provide support and protection for proper operation of access control devices





# The Highly Intelligent Opening

The highly intelligent opening represents the apex of the Security Continuum. It consists of ASSA ABLOY solutions working in concert to monitor, record and communicate diagnostic and performance data at the opening. The analysis of this data can be used to optimize management of the opening while enabling services such as asset management, predictive performance modeling, maintenance planning, and sustainability monitoring.

The Highly Intelligent Opening will offer easier maintenance and management, and extend the life of the components.

## The Highly Intelligent Opening will offer benefits such as:

- Increased security and system performance
- Reduced costs and time for installation services
- Reduced costs and time for maintenance services
- Enhanced customer service levels
- Easier planning and management enabled by access to performance and usage data



# Beyond the Continuum



Considerations for a door extend well beyond the locking hardware and security requirements. As the global leader in door opening solutions, ASSA ABLOY offers technology and design innovations that will drive the direction of the door and hardware industry for years to come.

## *Life Safety*

Careful selection of doors and hardware can help facilities protect against extreme conditions and everyday hazards. ASSA ABLOY offers solutions that:

- Improve emergency egress with hardware devices that emit audible and visual alerts to guide occupants directly to building exits
- Offer protection against devastating storms with hurricane and tornado-resistant doorways that are necessary building components in many regions
- Enhance your facility's cleanliness through MicroShield® antimicrobial coating for doors and hardware



## *Sustainable Building Solutions*

Complying with LEED and other green building standards requires products that help meet material and resource thresholds and building envelope thermal performance criteria. Learn how our range of solutions can contribute to the following green construction challenges:

- Energy efficiency and thermal performance
- Recycled and rapidly renewable building materials
- Low VOC emissions
- Sound transmission control

## *Decorative Openings*

Door openings can be a crucial part of a building's overall design concept. We offer a full range of doors, frames and hardware in many styles and finishes to create high-performance openings that complement your design vision.

*Door and hardware solutions to address any facility doorway challenge*

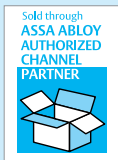
Count on ASSA ABLOY for a truly comprehensive solution for your entire facility. From doors and door frames to electronic access control, including every component and accessory, we are your single source for the ultimate in doorway design and functionality.



# Putting it into Play



Your resource for ASSA ABLOY  
product related training  
[www.assaabloyamericasuniversity.com](http://www.assaabloyamericasuniversity.com)



Most Security Continuum solutions are sold through ASSA ABLOY authorized channel partners and must be installed by certified integrators. Both groups undergo extensive training to ensure our customers receive best-in-class service and support.

ASSA ABLOY Door Security Solutions sales consultants, specification consultants, integrated solutions specialists, and electromechanical specialists, as well as many other technical experts, are available nationwide to help you apply the Security Continuum approach to your facility. We will work with your team to understand your security requirements, identify a comprehensive solution, and incorporate the flexibility to accommodate emerging technologies and the evolving needs of your organization.

## *Training & Education*

ASSA ABLOY Americas University is your resource for product and technology training. With state-of-the-art training centers offering over 200 classes a year across the country as well as a full library of online modules, ASSA ABLOY provides comprehensive training programs designed to keep you ahead of the industry.

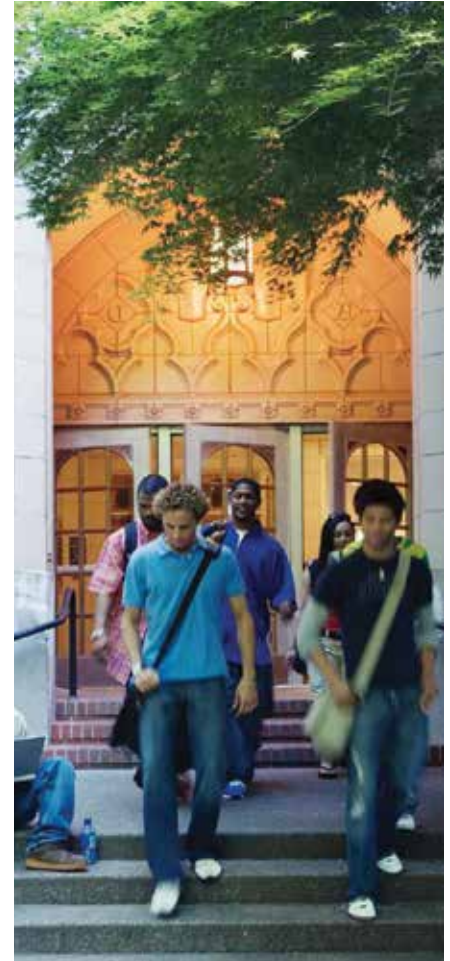


# About ASSA ABLOY

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 all over the world, on both mature and emerging markets, with leading positions in much of Europe and North America and in Australia. In the fast-growing electromechanical security segment, the Group has a leading position in areas such as access control, identification technology, door automation and hotel security.

Since its founding in 1994, ASSA ABLOY has grown from a regional company to an international group with 29,000 employees and sales of around SEK 35 billion. As the world's leading lock group, ASSA ABLOY offers a more complete range of door opening solutions than any other company on the market.



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

**ASSA ABLOY**

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