

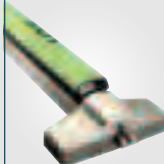
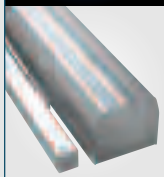
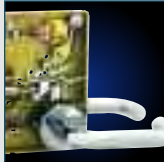


Healthcare

Security, Life-Safety & Convenience:
For Hospitals and Healthcare Facilities

ASSA ABLOY

The global leader in
door opening solutions



Our products withstand extreme abuse and meet or exceed ANSI/BHMA standards

ASSA ABLOY Door Security Solutions Canada

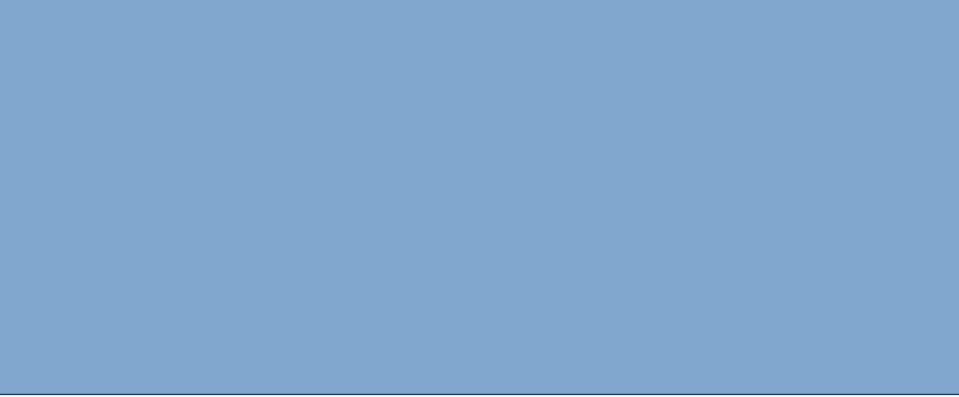
Understanding the Changing World of Security

Today, most healthcare environments have a mixture of open and restricted access areas, requiring multiple levels of security and access control. Keeping patients, staff and visitors safe, protecting assets, and channelling pedestrian traffic are high priorities for administrators.

ASSA ABLOY Door Security Solutions Canada provides a broad range of integrated life-safety, security and access control products to meet the needs of modern healthcare facilities — from sprawling urban campuses to smaller, rural hospitals. Our innovative solutions are based on a detailed understanding of compliance, regulatory issues, and the operational nature of an open, nurturing facility.

We focus on four crucial healthcare-specific issues to provide holistic doorway systems:

- + Life-Safety - facilitating safe egress in the event of a fire or other crisis
- + Basic Security Vulnerabilities - preventing vandalism, infant abduction and information theft
- + Access Control - channelling visitors and restricting access as required
- + Infection Control - aiding with the battle against bacteria



Innovative Security Solutions

Our group of brands have been leading the security and life-safety industry for generations, providing everything you need for complete doorways that are well-integrated with a facility's security system.

In addition, we continually strive to make products that are easier to install, more durable, and more intelligent. The result is exciting innovations that capitalize on new technologies and set new standards for building safety and security.

Architectural & Electromechanical Hardware

ADAMS RITE ASSA CORBIN RUSSWIN EFF EFF FOLGER ADAM EDC HES MARKAR MCKINNEY NORTON RIXSON SARGENT SECURITRON YALE

Doors & Frames

FLEMING BARON



Full Range of Services

Our specially-trained healthcare specialists can help you through the complexities of compliance, life-safety codes and security issues relevant to doorways. Our customer support includes involvement during every phase of design and construction, such as:

- + Specification Writing and Support
- + Key Control and Management
- + Site Surveys and Audits
- + Training Programs
- + Code Consultation



Access Control Solutions

Controlling access privileges, safely evacuating a building, and quickly securing a building are efficiently accomplished by our electronic door control solutions. Mechanical strength combined with a variety of high-tech functions gives you intelligent security and safety, all with minimal inconvenience to building occupants.

Fully-integrated access control systems may include:

- + Door Locking Hardware
- + Exit Devices
- + Electric Strikes
- + Magnetic Locks
- + Door Operators
- + Key Management Systems
- + Biometrics
- + Keypads and Card Readers

Electric Strikes

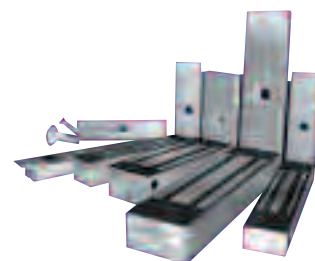
- + Mounted to the frame, ideal for retrofit
- + Primary function is authorized entry activated by remote release
- + Work with mortise and cylindrical locks, rim exit devices and deadbolts



The HES Genesis Series for a completely surface-mounted solution

Magnetic Locks

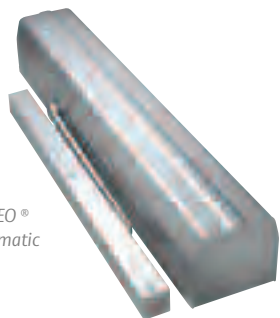
- + For securing any door that closes against a fixed stop.
- + Electromagnet on the frame aligns with strike plate on the door.
- + Door can open when power to the magnet is interrupted via pushbutton or other actuator.
- + Delayed egress functions optional.



SECURITRON's Magnalock products for the extreme strength of magnetic locking force

Door Operators

- + Easy for physically challenged persons to open the door
- + Activated via wall switch, radio frequency device or motion sensor
- + Can be integrated with other locking devices for enhanced security



NORTON's 5700 LEO® operator for automatic door opening



SARGENT's BioFob™ uses fingerprint-reading technology

Biometric Devices

- + Advanced biometric technology for access control.
- + Device captures, stores and processes fingerprints; lock releases after verifying user's identity.
- + Handheld and wireless for fast, secure entry.
- + Easily integrated into existing systems.
- + Information is self contained; no centralized biometric database needed.

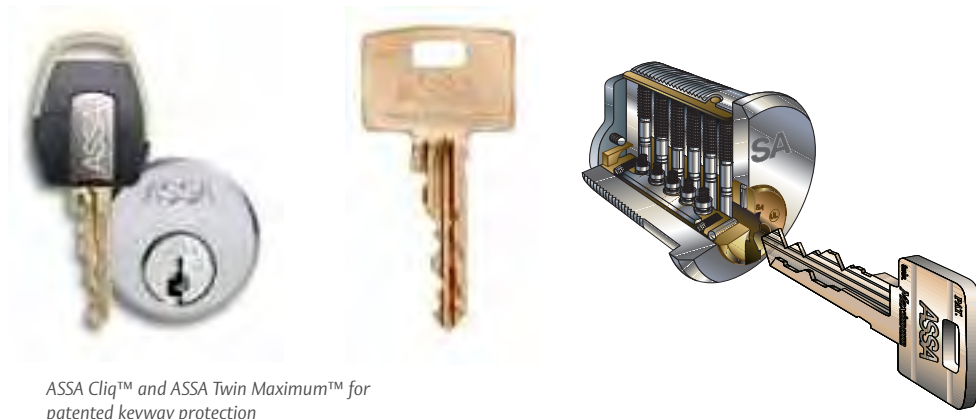


Maintaining Key Control

Patented key systems prevent the unauthorized distribution of keys, and KeyWizard™ key management software makes it easy to track all issued keys from ASSA ABLOY Group companies.



Our mechanical key systems easily integrate into electronic access control systems, providing the ultimate in physical security with the highest level of control possible. In addition, our experts can conduct keying conferences to design master key systems and help you manage them.



ASSA Cliq™ and ASSA Twin Maximum™ for patented keyway protection

Easy Installation - Saves Time & Money!

Customer input combined with engineering ingenuity has resulted in products that are even easier to install. Notable examples include the following:

- + Easy to install mortise and cylindrical locks
- + ElectroLynx® “plug and go” electrical connectors



SARGENT's 10 Line installs in under a minute

Ask your Door Security Solutions representative for details on these and other easy-to-install products.

Doorway Solutions for Hospitals

A safe environment is a critical component in achieving wellness.

Administrators and security directors require holistic solutions that provide a seamless combination of traditional locksets, high security master key systems, life-safety devices and advanced technologies that monitor and control access. This illustration depicts complete solutions for openings common to hospitals.

Contact your local ASSA ABLOY Door Security Solutions Canada consultant for details or explore the “3D Walkthrough” section of www.assaabloydsshealthcare.com for additional applications.

Psychiatric Ward

- | | |
|---------------------------------------|--------------------------|
| 1 Hollow Metal Door with ElectroLynx | 1 Wall Stop |
| 1 Hollow Metal Frame with ElectroLynx | 1 (Set) Sound Gasket |
| 1 Continuous Hinge with ElectroLynx | 1 Auto Door Bottom |
| 1 Exit Device with MicroShield | 1 Threshold |
| 1 Magnetic Lock with ElectroLynx | 2 Key Switches |
| 1 Overhead Concealed Closer | 2 Cylinders (Key Switch) |
| | 1 Door Position Switch |
| | 1 Power Supply |



Main Entrance

- 2 Full Glass Hollow Metal Doors
- 1 Hollow Metal Frame
- 2 Continuous Hinges
- 2 Exit Device with MicroShield
- 2 Meeting Stile Astragals
- 2 Handicap Operators
- 2 Handicap Actuators
- 2 Overhead Stops
- 2 Door Position Switches
- 1 Raindrip
- 1 (Set) Weatherstrip
- 2 Sweeps
- 1 Threshold

X-Ray Room

- 1 Wood Door (Lead-Lined)
- 1 Hollow Metal Frame (Lead-Lined)
- 1 Heavy Weight Continuous Hinge (or Floor Closer and Pivot)
- 1 Cylindrical Lock (Lead Lined) with MicroShield
- 1 Closer
- 1 Kickplate
- 1 Wall Stop
- 1 Door Position Switch
- 3 Silencers

Patient Room

- 1 Wood Door
- 1 Hollow Metal Frame
- 4 Heavy Weight Hinges
- 1 Hospital Latch with MicroShield
- 1 Overhead Stop
- 1 (Set) Smoke Seals
- 1 (Set) Hot Smoke Seals

Maternity Ward

- 1 Wood Door with ElectroLynx
- 1 Hollow Metal Frame with ElectroLynx
- 2 Hinges
- 1 Electric Hinge with ElectroLynx
- 1 Delayed Egress Exit Device with MicroShield
- 1 Closer
- 1 Kickplate
- 1 Wall Stop
- 3 Silencers
- 1 Door Position Switch
- 1 Power Supply

Note: Baby monitor system is activated.

Stairwell

- 1 Hollow Metal Door with ElectroLynx
- 1 Hollow Metal Frame with ElectroLynx
- 2 Hinges
- 1 Electric Hinge with ElectroLynx
- 1 Exit Device with LiteGuide and MicroShield
- 1 Closer
- 1 Wall Stop
- 1 (Set) Smoke Seals
- 1 (Set) Hot Smoke Seals
- 1 Auto Door Bottom
- 1 Threshold
- 1 Card Reader
- 1 Door Position Switch
- 1 Power Supply

Pharmacy

- 1 Wood Door
- 1 Hollow Metal Frame
- 3 Hinges
- 1 Stand-Alone Card Access Lock with MicroShield
- 1 Closer
- 1 Kickplate
- 1 Wall Stop
- 1 Door Position Switch
- 3 Silencers

Cross Corridor Pair (Double Egress)

- 2 Hollow Metal Doors with ElectroLynx
- 1 Hollow Metal Frame with LiteGuide and ElectroLynx
- 4 Hinges
- 2 Electric Hinges with ElectroLynx
- 2 Exit Devices with LiteGuide and MicroShield
- 1 Astragal
- 2 Closers
- 2 Wall Magnets
- 1 (Set) Smoke Seals
- 1 (Set) Hot Smoke Seals
- 1 Power Supply

Complete Doorway Solutions

ElectroLynx® Hardwiring Made Easy.™

Installation and maintenance of electrified openings is easy with ElectroLynx, a system of standardized plug-in connectors and wiring.

Pre-wired doors, frames, and hardware with snap-together connectors make adding or upgrading electrified openings easy! There's no need to create connections or drill holes in the opening. Pre-installed concealed wiring preserves the security, aesthetics and fire listing of the opening.

- + Fast and fool-proof installation
- + Easy upgrades
- + Compatible with products of ASSA ABLOY Group companies

Look for the LYNX™



- A** The building's power is routed through the pre-wired frame
- B** Power is transferred through the hinge to the pre-installed wiring in the door
- C** Power flows to the electrified hardware



Electrified hardware is easy to connect with ElectroLynx (cutaway shown)

InDoor Electronic Design™ Tamper-Resistant Security.

Achieve total security with InDoor Electronic Design, a new tamperproof feature from ASSA ABLOY Group companies. The intelligent design encases electronics inside the door, eliminating unwanted access and providing superior control.

- + Electronics housed in the door instead of on the lock (patent pending)
 - Makes lock highly tamper-resistant
 - Improves appearance of the opening
- + Easy to install and maintain – fits into a secondary, standard mortise lock prep
- + ElectroLynx compatible
- + Maintains fire listings
- + Modularity allows for future upgrades and new security requirements



Hidden electronics provide added security and enhanced aesthetics (cutaway shown)

LiteGuide™ and Beacon™

Navigating a New Pathway to Safety.

LiteGuide and Beacon – advanced egress marking systems from ASSA ABLOY Group companies – help people immediately locate the nearest exit to evacuate quickly and safely in an emergency. With emergency egress lighting requirements being written into building codes, this system is an important innovation with options suitable to both new and retrofit applications.



Beacon combines audio and visual alerts for making exit locations highly noticeable in an emergency

LiteGuide EL (Electroluminescent)

- + Much more visible than any other light source, especially in dark or smoky conditions
- + Designed for continuous operation or emergency activation
- + Patent pending “channel” protects components and allows flush installation of lighting element

LiteGuide PL (Photoluminescent)

- + Recharges from ambient light
- + Ideal for retrofit, no wiring

Beacon

- + Emits a pulse of light, laser beam, white noise and audible, multilingual “exit located here” messages
- + Self-contained, ideal for retrofit
- + Patent pending



LiteGuide brightly illuminates the frame, exit hardware, and door, making the means of egress easy to find in an emergency

Visit www.liteguide.com for more info

Life-Safety and Loss Prevention Technologies

Exit devices perform the crucial function of facilitating safe egress while restricting access from the outside. Our durable, vandal-resistant exit devices offer a wide choice of both mechanical and electronic control functions. In addition, we offer LiteGuide™ and Beacon™, the industry’s most comprehensive systems for pointing out emergency exit locations in low visibility conditions.

- + Delayed Egress
- + Alarmed Option
- + Electric Latch Retraction
- + Touch Sense Technology
- + Electric Dogging
- + LiteGuide™ Egress Pathway Lighting



YALE 7000 Series with LiteGuide™ illuminates the exit

Added Defense Against the Growth of Bacteria and Other Microbes

A new kind of safety solution from ASSA ABLOY Group door hardware manufacturers

CORBIN RUSSWIN | SARGENT | YALE

The Challenge

To protect against the spread of bacteria and other dangerous microbes, it's important to consider the role of high touch door hardware in a publicly-used building. Visitors and occupants continuously handle door levers and exit devices. Bacteria and other microbes can live on these hardware surfaces for hours, transferring from one person to another.

The Solution

Now door hardware, something everyone touches, can be protected against the growth of many microbes. ASSA ABLOY Group companies offer MicroShield™, an imperceptible antimicrobial hardware coating. MicroShield uses proven silver-based technology from Agion®, a leading provider of antimicrobial solutions, to stem the spread of bacteria and other microbes. MicroShield is effective against a broad range of:

- Bacteria
- Mold
- Fungi
- Algae
- Mildew

How It Works

MicroShield is a silver-based hardware finish that continuously destroys organisms in three ways – by attacking the cell wall, interrupting metabolism and preventing reproduction.

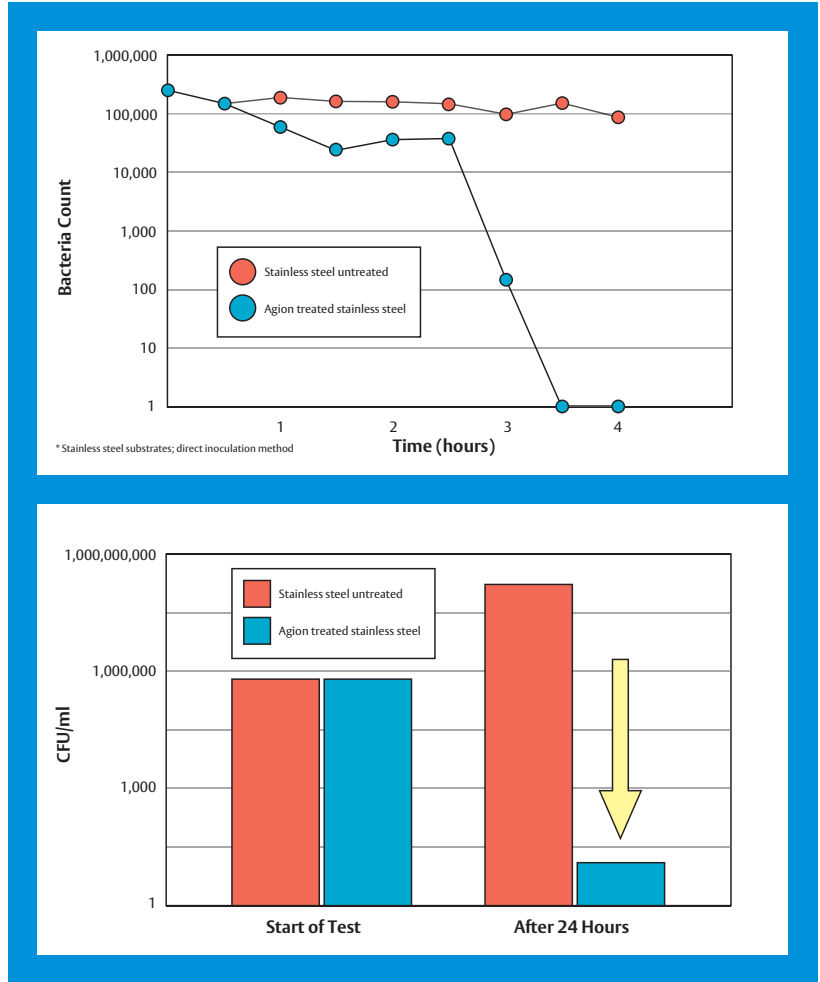
Effective – Silver, the active ingredient, is an aggressive, broad-spectrum antimicrobial, even against drug-resistant strains of bacteria.

Natural – Silver is a naturally occurring, safe and non-toxic antimicrobial agent.

Safe – The finish is EPA and NSF approved and FDA listed for use in medical and food preparation equipment.

Long-Lasting – Controlled release mechanism ensures continuous efficacy.

Efficacy Data - Bacterial Reduction



MicroShield Efficacy: These charts show an untreated stainless steel surface versus an Agion treated stainless steel surface that has been exposed to bacteria. There is significant bacteria reduction after 24 hours. (Source: Agion Technologies, Inc.)



MicroShield™

As part of its promise to provide innovative solutions to their customers, ASSA ABLOY Group companies offer the MicroShield technology, a silver-based antimicrobial coating designed to stem the spread of germs and bacteria.

MicroShield™ is a trademark of the respective ASSA ABLOY Group company.



The Agion antimicrobial is not intended as a substitute for good hygiene. Coated products must still be cleaned to insure the surfaces will be free of destructive microbes. ASSA ABLOY makes no representations or warranties, express or implied, as to the efficacy of the Agion antimicrobial. A copy of the Agion warranty is available upon request.

Agion is a registered trademark of Agion Technologies, Inc., Wakefield, MA, USA

Training and Education

ASSA ABLOY Door Security Solutions Canada offers a full range of formalized training programs that can be customized to your needs. From hands-on workshops to regulatory seminars, training may occur on site or at our training centre in Vaughan, Ontario. In addition, we are a leading provider of certified workshops on products, procedures, regulations and installation techniques.

Training courses include:

- + Basic Architectural Hardware
- + Electronic Access Control
- + Basic Steel Doors and Frames
- + Basic Electrified Hardware
- + Conducting a Keying Conference

We're Here to Help

Our ASSA ABLOY Door Security Solutions team is your one resource for product knowledge and local market expertise. Technical experts, specification consultants, product representatives and market specialists work with distributors and end-users to solve difficult life-safety and security problems, and to complete projects on time and within budget.

All ASSA ABLOY Group companies specialize in providing life-safety and security solutions. Since this is our sole focus, you can confidently rely on our knowledge, manufacturing skills and support to help guide you in creating ideal solutions for every application.



metal doors & frames | mechanical & electromechanical locks | electric strikes
exit devices | door closers & automatic operators | hinges | pivots | high security cylinders
hardware accessories | access control and electromechanical products & accessories

WE'RE HERE TO HELP! Contact us for complete opening solutions.
800.461.3007 | 905.738.2466 | www.assaabloydsshealthcare.com

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

ASSA ABLOY

ADAMS RITE | architectural hardware
www.adamsrite.com

ASSA | architectural hardware
www.assalock.com

CORBIN RUSSWIN | architectural hardware
www.corbinrusswin.com

EFF EFF | electric strikes and accessories
www.effeff.com

FLEMING BARON | steel doors and frames

www.flemingbaron.com

FOLGER ADAM EDC | electric strikes and accessories
www.folgeradamedc.com

HES | electric strikes and accessories
www.hesinnovations.com

MCKINNEY | hinges and builders' hardware

www.mckinneyhinge.com

NORTON | door controls
www.nortondoortcontrols.com

RIXSON | specialty door controls
www.rixson.com

SARGENT | architectural hardware
www.sargentlock.com

SECURITRON | electromagnetic locks and access control accessories
www.securitron.com

YALE | commercial locks and hardware
www.yalecommercial.com

LiteGuide™

As part of their promise to provide innovative solutions to their customers, ASSA ABLOY Group companies offer the LiteGuide system, a luminescent egress marking system. LiteGuide installation is facilitated by ASSA ABLOY's ElectroLynx, a universal quick-connect system that simplifies the electrification of the door.

LiteGuide™ is a trademark of ASSA ABLOY, Inc.

Beacon™

As part of their promise to provide innovative life-safety solutions to their customers, ASSA ABLOY Group companies offer Beacon, part of the LiteGuide family of products. Beacon combines audio and visual alerts to make exit locations easy to find.

Beacon™ is a trademark of ASSA ABLOY, Inc.

MicroShield™

As part of its promise to provide innovative solutions to their customers, ASSA ABLOY Group companies offer the MicroShield technology, a silver-based antimicrobial coating designed to stem the spread of germs and bacteria.

MicroShield™ is a trademark of ASSA ABLOY, Inc.

ElectroLynx®

As part of their promise to provide innovative, fast and effective, and higher security solutions to their customers, ASSA ABLOY Group companies offer ElectroLynx, a universal quick-connect system that simplifies the electrification of the door opening.

ElectroLynx® is a registered trademark of ASSA ABLOY, Inc.

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