

HEALTHCARE — HAZARDOUS MATERIAL OPENING SOLUTION



Ingersoll Rand Solutions for
**Hospitals and
Healthcare Facilities**

Our extensive product and service offerings help keep your patients safe and your facility's cost contained.

www.doorsecurity.ca

 **Ingersoll Rand**
Security Technologies

Hazardous Material Storage Room

Securing hazardous materials within a healthcare facility requires additional measures beyond those necessary for general storage. Extra precautions are taken to protect the contents which may include radio-active isotopes and other volatile chemicals. Choosing hardware that provides reliable closing after each use and a high level of physical security against forced entry is the first step. Combining these with an access control system featuring time zone, audit and monitoring capabilities is critical in ensuring that only those permitted to enter have access; that a door propped open is immediately signaled and that all entries are properly recorded.



If we look closely at some of the issues that exist today, we see:

- Doors propped open allow unauthorized or accidental access.
- Damage to doors from carts and equipment compromise latching, closing and locking.
- Doors secured with keyed locks using cylinders and keys that do not have patents to protect against unauthorized duplication

As you review your current door frame and door hardware solution or planning on upgrading your existing hardware, the products you choose for your facility must address issues that exist today and also be scalable and affordable.

About Ingersoll Rand Security Technologies Canada

With more than a century of experience in safety and security, Ingersoll Rand Security Technologies has developed comprehensive programs for healthcare facilities which include a full complement of innovative products and solutions to address every aspect of your facility's security and life safety needs. At Ingersoll Rand Security Technologies, we understand the unique challenges you face in a modern healthcare environment and can help you identify the solutions you need by looking beyond the locks and doors.

Our experienced Consultants can help you by:

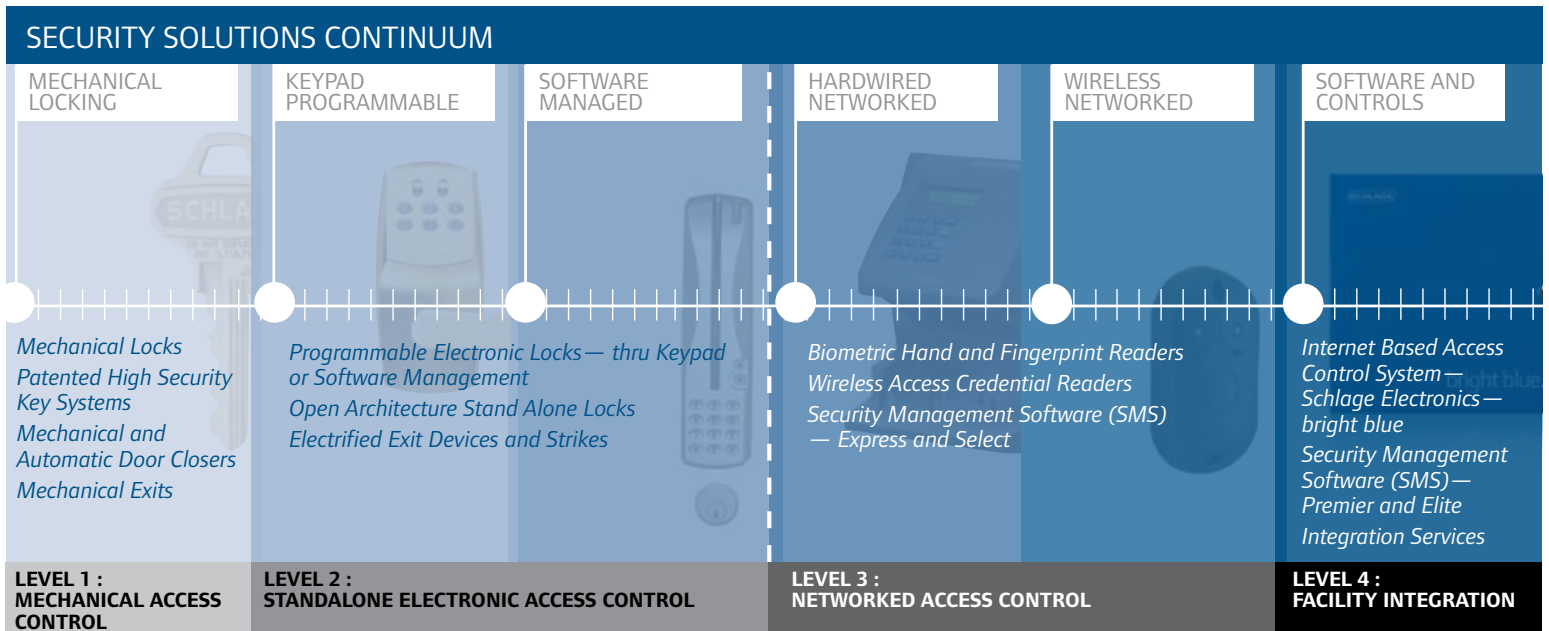
- Understanding your existing Health Care Infrastructure: Physical Security and Logical Security
- Determining and resolving potential security and safety vulnerabilities
- Offering door opening solutions that promote safety and efficient traffic flow to optimize building operations.
- Providing innovative integrated solutions for all levels of security

Our wide range of architectural, consultative and integration services offer the flexibility you need to grow and evolve while protecting staff, patients and their families.

Let's look at how we create a secure solution with our products and show you how we address some of the security issues that exist today:

We create Health Care solutions that are affordable and offer greater flexibility for changing security needs

At Ingersoll Rand Security Technologies we always take a multi-level, layered approach to security and safety, with solutions for every entry and exit points in your facility.



LEVEL 1:

Mechanical Access Control

Reliable and effective security products like mechanical locks, key systems, door closers, exit devices form the foundation of any system.

LEVEL 2 :

Standalone Electronic Access Control

By using electronic credentials and electrified exits, these products offer a heightened level of protection and control, and yet are convenient for the user.

LEVEL 3 :

Networked Access Control

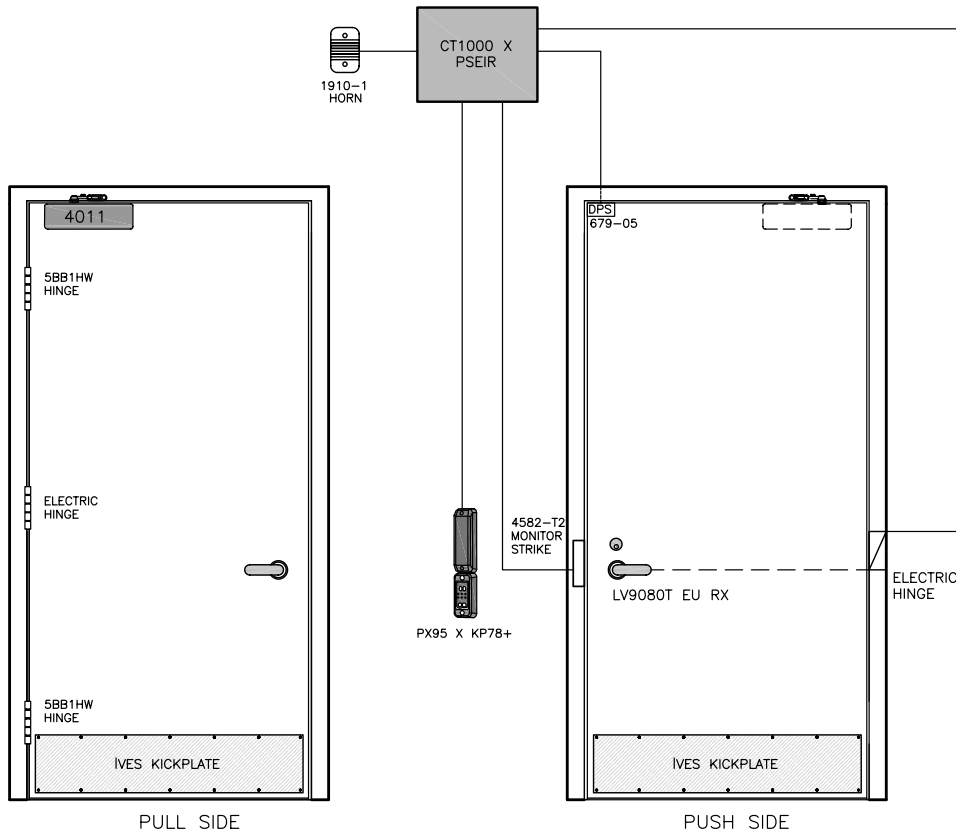
These advanced products are most effective when part of an electronic access control system and include biometric, proximity and smart card readers, and both wired and wireless integrated locking solutions.

LEVEL 4 :

Facility Integration

Solutions in this category represent the highest degree of security, allowing easy management of people and openings throughout the entire facility.

Hazardous Material Opening Solution

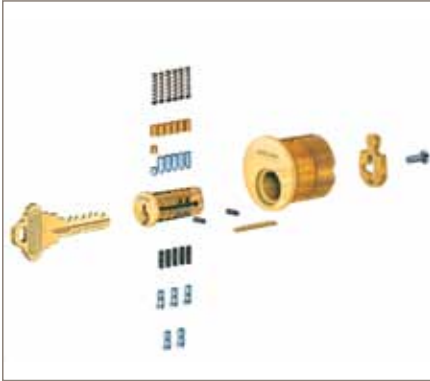


How does this solution work?

- Validation of credential (card and/or PIN) at reader unlocks corridor side trim of electric lock for owner selected time period.
- Request to Exit switch In mortise lock shunts alarm for owner selected time period. Free egress at all times.
- Door ajar or latch bolt not extended at expiration of alarm shunt time period activates local horn until reset via valid credential (card and/or PIN).
- On Fire Alarm - Operation continues as described above
- On Power Failure – Fail-secure, Key retracts latch bolt for emergency access. Free egress at all times.

Product Part Number	Description
1 5BB1HW 4.5 X 4	Hinge
2 5BB1HW 4.5 X 4 TW4	Electric Hinge
3 TAC-LD1	Mortar Box
4 20-740-XP	Primus Core Only
5 LV9080TEU RX 03A	Electrified Mortise Storeroom Lock
6 4582-T2	Monitor Strike
7 4011 DEL MC	Surface Closer
8 8400 12" X 1 1/2" LDW	Kick Plate
9 FS441	Floor Stop
10 PX95 x KP78+	Prox Entry Reader & Keypad
11 SR64	Silencer
12 679-05	Door Position Switch
13 CT1000-PS-EIR	Controller
14 L1910-1	Electronic Horn
15 PRX1-100	Prox Card Pack
16 SXPR-CIP-HH	Cable And Interface

Featured Products



SCHLAGE XP HIGH SECURITY CYLINDER AND KEYS:

Schlage Primus XP Cylinders are UL/cUL certified to provide a high level of pick-resistance along with design and utility patents valid until 2024. The result is a highly secure cylinder offering industry-leading key control potential. Additionally PRIMUS XP systems are certified to UL437 standards and are available to provide drill and pick resistance and can withstand physical attack.

Our patented PRIMUS XP key blank is manufactured with unique side-bit milling combination. Ingersoll Rand's strict distribution procedures ensure that only authorized customers are able to obtain keys. Combined with our long patent life ensuring that the manufacture of unauthorized duplicates cannot be made without legal liability, PRIMUS XP provides the owner with piece of mind in the knowledge that all his keys can be accounted for at any time!

• Did you know we have different levels of exclusivity for XP keys? Depending on the size of your facility, we issue side bitting based on random selection, postal code, time zone and national exclusivity.



LCN 4000 SERIES

LCN Closers are widely regarded as the best selling heavy-duty closer in North America. Tested for over 10 million cycles, these closers are ideal for any opening in a hospital. The DEL "delayed action" option provides the user the ability to open the door to its maximum degree of opening from which point the door moves slowly to 70 degrees of opening before resuming a normal closing cycle. DEL times vary depending on a number of factors but can be adjusted up to 1 minute facilitating wheelchair and stretcher traffic or the slow moving patient who requires extra time to safely clear the opening.

Lead lining option within the closer coupled with a lead lined door keeps radiation contained within the X-ray room.



SCHLAGE L9000 SERIES

Mortise lock is well-known by healthcare officials for both its reliable security and functional durability. The LV9080TEU RX is a fail-secure Storeroom function mortise lock featuring electrically unlocked exterior trim, RX-request to exit feature to signal or shunt and alarm for a selected time period.

The exclusive use of metal components for all internal working parts combined with the highest quality trim components greatly improves the longevity of the lock. At a location where securing hazardous materials is critical to the well-being of staff and the public, the Schlage L9000 Series provides years of trouble-free service in a most difficult environment.

SCHLAGE VANDLGARD TECHNOLOGY – WHY VANDLGARD?

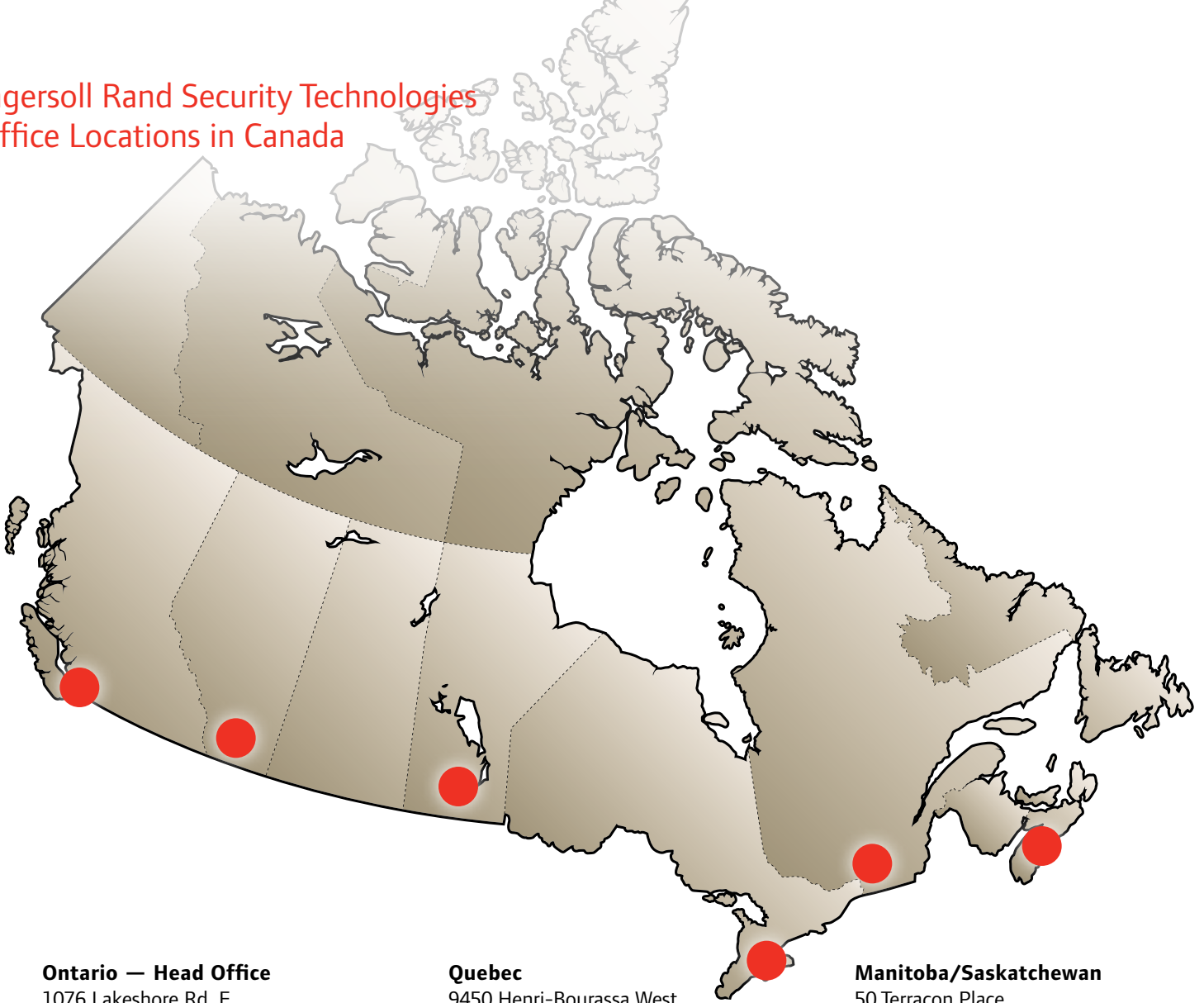
Selecting the Vandlgard trim option for your mortise lock helps safeguard the lever trim and the lock's internal components from damage that would otherwise result from excessive force applied under the aggressive use common in the healthcare environment. This performance feature helps to minimize regular lockset maintenance and provides facility managers with a strong return on their door hardware investment.



SCHLAGE ELECTRONIC PRODUCTS

(formerly Locknetics) specializes in the supply of stand-alone access control solutions that are ideally suited for retrofit applications. Installing our 1000 user Controller with any one of our credential reader upgrades an opening from being controlled by a simple key to a programmable reader using our Schlage SMS Express software. In many instances, existing credentials including magnetic stripe and proximity cards may be used. An upgrade of this type allows for access restriction by user by time zone with full audit capabilities.

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Ingersoll Rand Security Technologies Authorized Security Centres

Ingersoll Rand Security Technologies Authorized Security Centres are a nationwide network of independent Security Systems Integrators and Solution providers who are dedicated to supporting your Physical and Logical Security needs. Authorized Security Centres are trained and well equipped to offer services including product consultations, installation, repairs, replacements, keying, security audits and security upgrades. Ingersoll Rand Security Centre's also maintain a fleet of service vehicles to provide 24/7 on-call response. For more info on Security Centres, please contact an Ingersoll Rand Sales Consultant.