



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.

X-RAY Room

Designing an X-ray room can be one of the most challenging and complicated tasks in a hospital. Hospitals have different purposes for X-ray rooms. Some may be designed as treatment rooms, others as control rooms, photographic laboratories or as a combination of all the above. To ensure protection from radiation for patients, visitors and hospital personnel alike, you need the right set of door hardware installed on these critical openings.



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

- Lack of integration between door locks and x-ray equipment - creates a necessity for manual locking by hospital personnel.
- Lack of integration between door locks and x-ray equipment - creates a risk of inadvertent exposure to radiation by staff and the public.
- No proper key control process to manage the distribution of keys to individuals with access to these critical areas.
- Lack of patent protection on keys to prevent unauthorized duplication.

As you review your current door frame or 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:

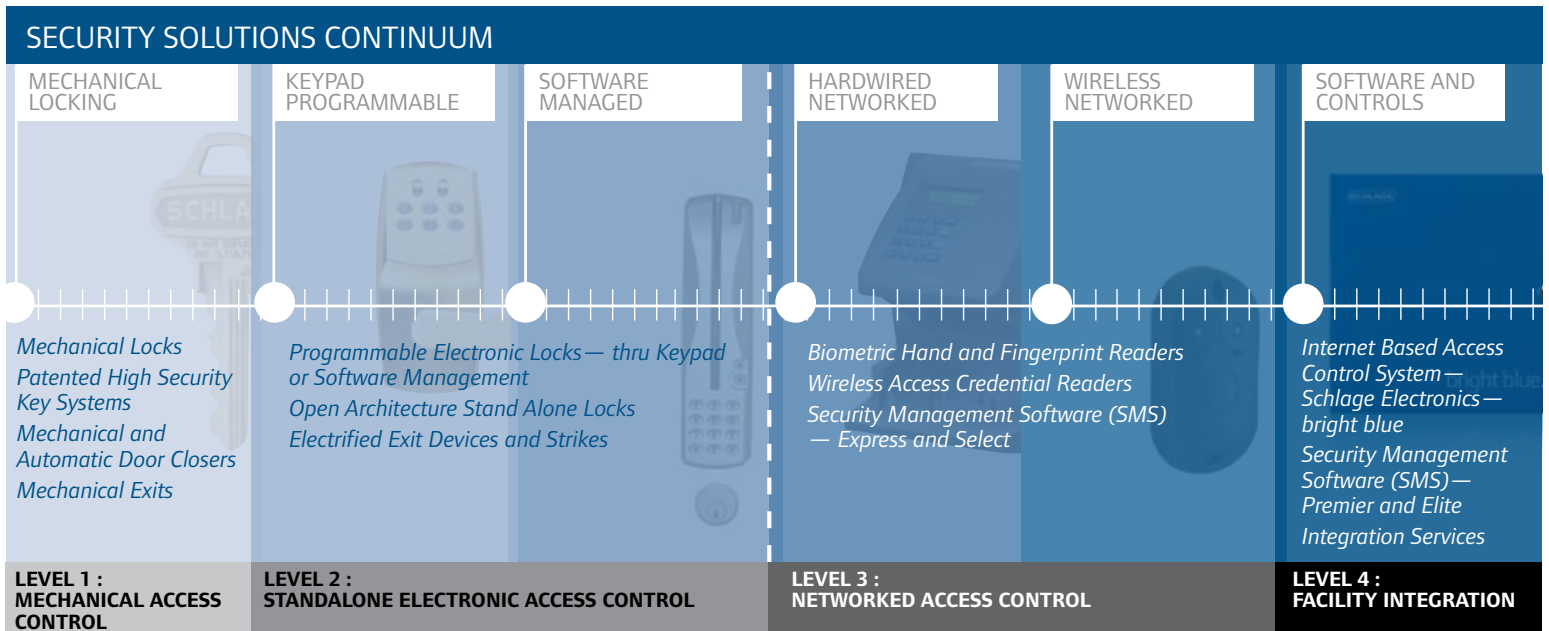
- Understanding your existing Health Care Infrastructure: Physical Security and Logical Security
- Determining and resolving potential security and safety vulnerabilities
- Offering door opening solutions that promote safety and efficient traffic flow to optimize building operations.
- Providing innovative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

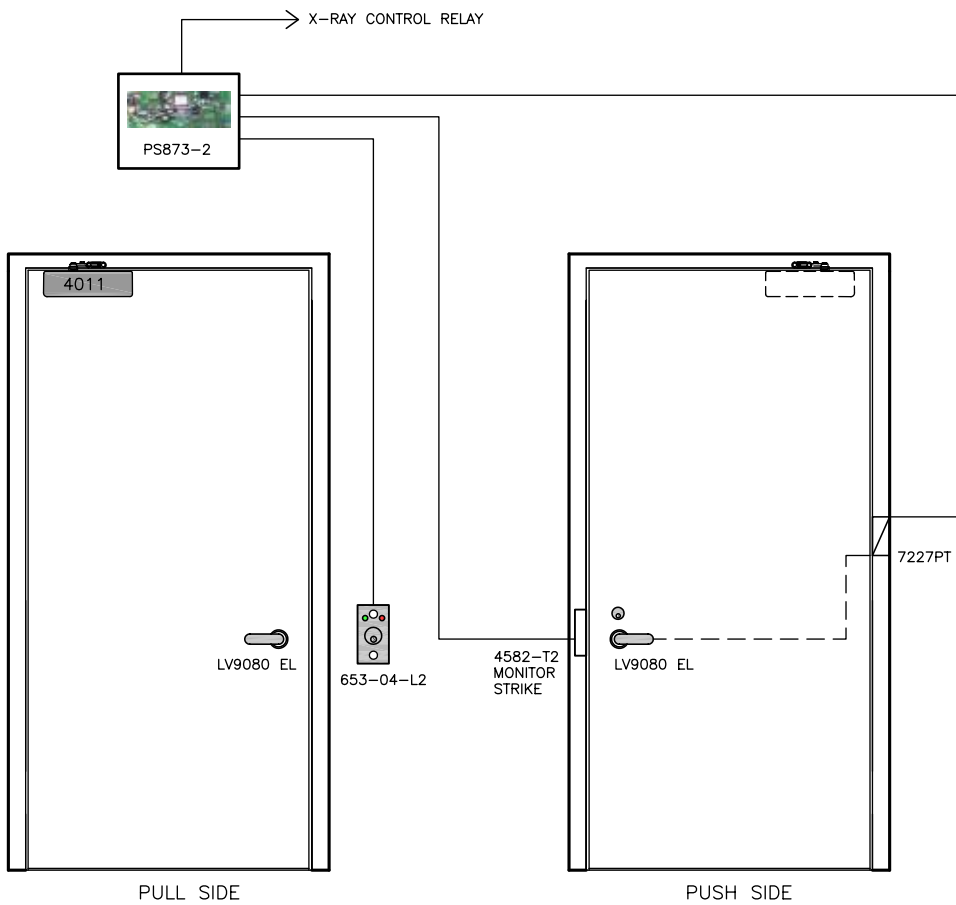
These advanced products are most effective when part of an electronic access control system and include biometric, proximity and smart card readers, and both wired and wireless integrated locking solutions.

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.

X-ray Room Opening Solutions



How does this solution work?

- The X-Ray machine only operates when the latch of lockset is engaged in the monitor strike.
- Turning on the X-Ray machine will electrically lock the outside lever and simultaneously turn on the light located in the corridor.
- When the x-ray machine is operating, retracting the latch bolt by use of a key from the corridor or by depressing the lever from inside the x-ray room will disengage the latch from the monitor strike resulting in an immediate stoppage of the x-ray machine.
- Inside lever always allows free egress
- Locking the x-ray room after hours is achieved by using a key switch which will electrically lock the exterior trim of the storeroom function lock.

Product Part Number	Description
1	PIVOT 7227PT INT
2	PIVOT SET 7237F
3	MORTAR BOX TAC-LD1
4	EL STOREROOM LOCK LV9080T 17B LLL EL XL11-515
5	MORTISE CYLINDER 20-061-ICX
6	PRIMUS CORE ONLY 20-740-XP
7	MONITOR STRIKE 4582-T2
8	SURFACE CLOSER 4011 DEL LL
9	FLOOR STOP FS441
10	LIGHT BY DIVISION 16
11	RELAY RBST
12	POWER SUPPLY PS873-2
13	KEYSWITCH 653-04-L2

Featured Products



THE SCHLAGE L9000 SERIES MORTISE LOCK

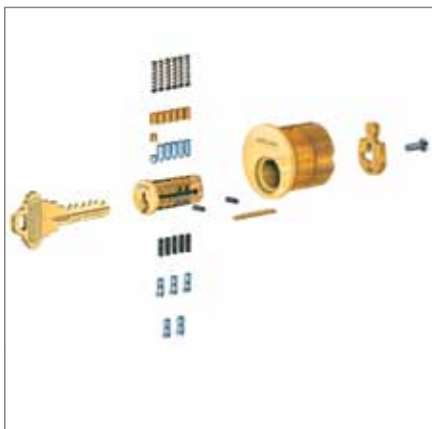
The Schlage L9000 Series mortise lock is well-known by healthcare officials for both its reliable security and functional durability. The LV9080EL is a fail-safe Storeroom function mortise lock featuring electrically locked exterior trim that permits integration with x-ray equipment

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. In high traffic areas where rigorous use by staff and visitors as well as regular exposure to cart and gurney traffic ensures that only the best will perform, the Schlage L9000 provides years of trouble-free service.

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

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 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 can not 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

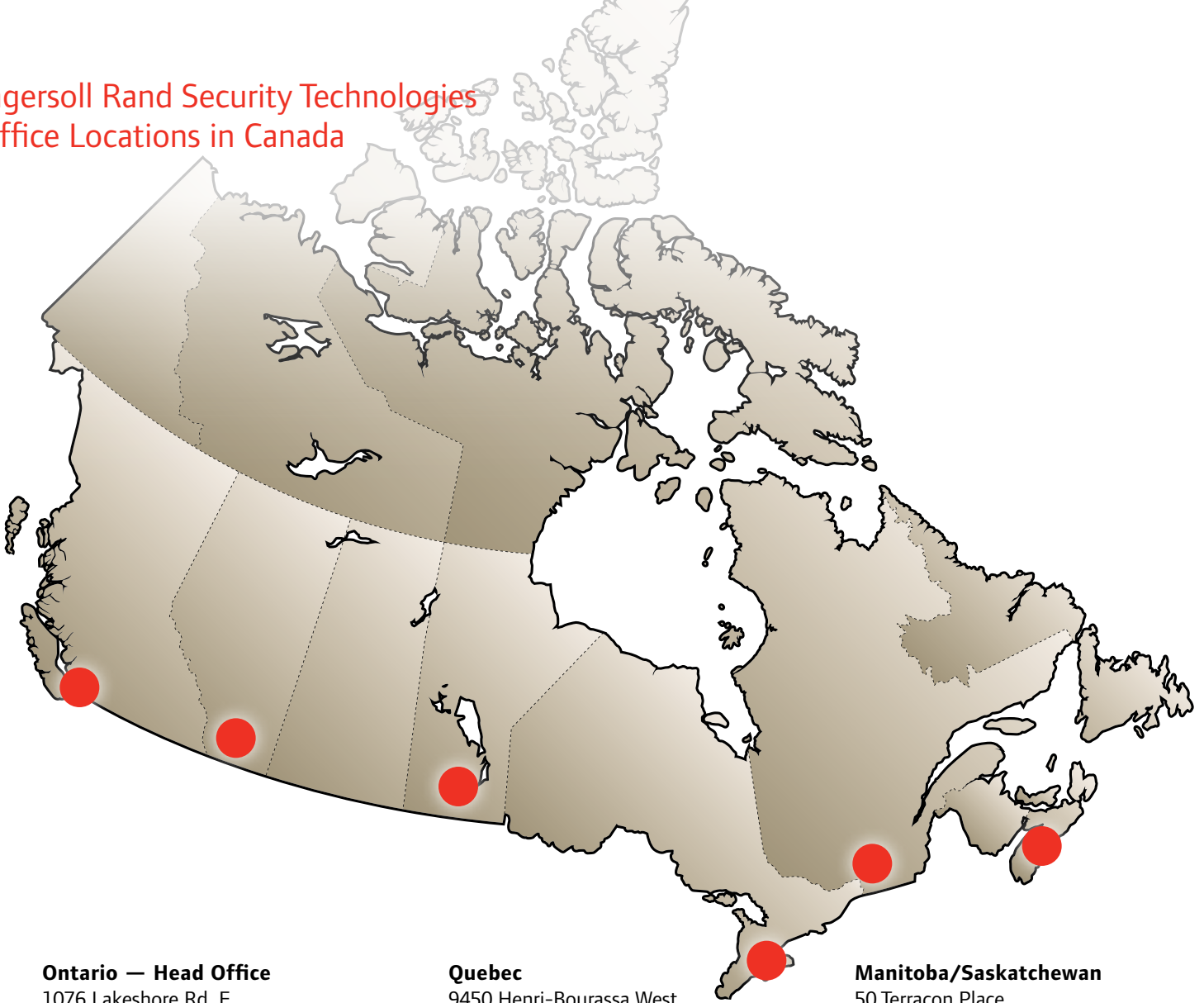
LCN 4000 Series closers are widely regarded as the best selling heavy-duty closer in North America. Tested for over 10 million cycles, these closers are ideal for any opening in a hospital. The DEL "delayed action" option provides the user the ability to open the door to its maximum degree of opening 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 .



SCHLAGE ELECTRONIC SECURITY

Schlage Electronic Security (formerly Locknetics) heavy-duty key switch is primarily designed to give you the ability to keep a door in locked status by locking the cylinder which then triggers the mortise lock. This key switch gives you the ability to electrically keep the main X-ray door locked after hours. This prevents unauthorized entry without a key.

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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.