Although this opening’s main purpose is to control the spread of fire and/or smoke while keeping patients and staff safe in emergencies, these openings also need to withstand high levels of traffic, resist damage caused by wheelchairs, gurneys and other equipment, and control access to secure areas of the building.

Cross-corridor openings can be found in many areas of a hospital. These doors are subject to more use and abuse than almost any other openings in a medical facility.

**Operational requirements:**
- Able to withstand damage to doors and exit devices due to impact by carts, gurneys and other equipment
- Adherence to fire and building codes
- Operate quietly to minimize excessive noise
- Capable of quick lockdown in case of emergency
- Bacteria-resistant to prevent spread of germs that contribute to hospital-acquired infections

**Standard features**
Building and safety codes may vary, but most hospital cross-corridor doors include these standard features:

- LCN automatic opener
- LCN touchless actuator
- Von Duprin Quiet Electric Latch exit device with concealed vertical cable system
- Von Duprin electrical power transfer
- aptiQ™ wall mount reader
- aptiQ™ smart card
- Schlage power supply
- Schlage Everest cylinder and core
- Schlage door position switch
- Steelcraft hollow metal frame
- Steelcraft L-Series
- GrainTech door
- Ivex continuous hinge
- Ivex armor plate
- Ivex wall stop
- Ivex door silencer or 3rd party smoke gasket
- LCN sensor (for secondary activation only)
Innovative solutions for cross corridor openings

**Von Duprin® QEL (Quiet Electric Latch) exit devices**
- Energy-efficient way to provide electronic control of an exit device
- Uses specially designed dampeners and motor-driven latch retraction to reduce the noise generated by opening and closing the door
- Option for 98/99 Series, 94/95 Series and 33A/35A Series devices; retrofit kits are available for existing devices

**Von Duprin Concealed Vertical Cable system (CVC)**
- Uses enclosed cables that operate quietly within the door
- Only one point of adjustment and attaches to exit device at a single point
- Aesthetically pleasing design that architects value, plus easy maintenance that facilities teams require

**LCN® auto operators**
- Opens doors at the appropriate speed to allow free, easy passage without waiting
- Touchless actuators enable doors to open with the wave of a hand—without touching the device.

**aptiQ™ and aptiQmobile™ readers and credentials**
- **aptiQ readers:** Easily integrated with most access control systems and used with practically any smart, proximity or magnetic stripe credential
- **aptiQmobile:** Allows smartphones to be used as a credential to gain physical access to secure areas

Note: These security solutions are designed only as a guide and do not take into consideration local codes and regulations that may be in place. Please contact your local Allegion representative to design a specification to meet your unique needs.

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