COMPLETE COMPONENT CONSIDERATIONS™

Access & Egress Solutions

the lock behind the system
COMPLETE COMPONENT CONSIDERATIONS

With a robust toolbox of over 35,000 SDC access & control components at your fingertips, you can assemble turnkey solutions to address both market-specific and application-specific requirements for almost any door opening imagined – while addressing a variety of factors, including:

- Level of Security
- Life Safety Codes
- Budget Restrictions
- Aesthetics
- Type of Door or Frame
- Retrofit or New Construction

BASIC COMPONENT CONSIDERATIONS FOR CONTROLLED DOOR SYSTEMS

1. LOCKING DEVICES
2. ACCESS CONTROLS
3. EGRESS CONTROLS
4. ADA CONTROLS
5. POWER TRANSFER DEVICES
6. POWER SUPPLY & DOOR CONTROLS
7. REMOTE CONTROLS & ANNUNCIATORS
8. ACCESSORIES & MISC
SDC's approach to effective Access and Egress Solutions for the control of door openings begins with wide-ranging product lines of Locking Devices. They’re designed to seamlessly integrate into virtually any door control application while meeting local, regional and national fire and life safety code requirements. From electromagnetic locks, delayed egress locks, electric strikes, electrified locksets, exit devices and electric bolt locks, there’s an SDC Locking Device line Designed, Engineered & Built In America. Our locking devices are proven to robustly perform in the most demanding situations where code compliance, reliability and longevity are required.

Electromagnetic Locks
SDC’s Electromagnetic Locks are suited for interior doors, perimeter exit doors and entrances that require failsafe emergency release capability. Our patented EMLock® design represents the pinnacle of magnetic lock evolution with modular assembly that makes them easy to stock, install, upgrade, and maintain. The interlocking EZ mount assembly leaves hands free for wiring and securing of mounting screws. The Excel™ product line is an economically priced, fully featured alternative to low-cost imports with a quick mount assembly to reduce installation time. They provide a superior, less obtrusive appearance compared to stainless steel epoxy sealed magnetic locks. All SDC magnetic locks are compatible with any access control system and covered by a lifetime warranty. See price list for details.

sdcsecurity.com/magneticlocks

Delayed Egress Locks
Stop theft, control pedestrians in public facilities and airports, control wandering patients, and guard against infant abduction. The ExitCheck® electromagnetic delayed egress lock is designed to delay egress through perimeter exit doors for 15 or 30 seconds. Concurrently an alarm sounds while security and personnel are alerted of unauthorized egress. Compatible with access controls and patient wandering systems, SDC ExitCheck® delayed egress locks release immediately in an emergency and comply with all national and regional building and fire life safety codes, including NFPA 101, Special Locking Arrangements.

sdcsecurity.com/delayedegress
Electric Strikes

**SDC electric strikes** enable the electrical release of a locked mechanical latch or bolt and are well-suited for both new and retrofit construction. Compatible with any access control, SDC electric strikes are available in a variety of configurations to accommodate several types of mechanical locksets and door and frame styles - as well as failsafe and failsecure applications.

[sdcsecurity.com/electricstrikes](http://sdcsecurity.com/electricstrikes)

### Electrified Locksets

**SDC electrified locksets** are building and fire life safety code compliant for fire rated office doors, corridor doors, lobby doors, exit doors and stairwell doors. HiTower®, Selectric® and Electra™ locksets provide both the locking and latching features required for fire rated doors to meet security needs and fire life safety code requirements. Whether failsafe or failsecure, controlled access and remote control capability is provided while the door stays latched even when unlocked, maintaining fire door integrity. Since 1972 SDC has set the standard for security, safety and performance for electric locksets. Thousands of SDC electrified locksets have been installed in buildings dominating city skylines worldwide.

[sdcsecurity.com/electrified-locksets](http://sdcsecurity.com/electrified-locksets)

Exit Devices

**SDC’s innovative commercial, storefront, and architectural exit devices** provide safe and reliable security, fire and life safety, and ADA code compliance. While there are many different brands of cost effective commercial exit devices on the market, the vast majority of these devices are strictly mechanical. All of our exit devices are also available with electrified options including ELR and REX capabilities as standard on selected models. With a variety of available trim options, rim mount, surface vertical rod and concealed vertical rod device types, there’s an SDC panic and fire exit device for virtually any door opening application. Our QuietDuo™ LR100 series motorized electric latch retraction kits enable electric access control and dogging of mechanical exit devices.

[sdcsecurity.com/exitdevices](http://sdcsecurity.com/exitdevices)

Electric Bolt Locks

The **SDC family of electric bolt locks** include long life, solenoid driven, direct throw mortise bolts, Spacesaver® right angle bolts for narrow frames and door stiles, and surface mounted bolt locks for door and cabinet applications. Compatible with virtually any access control system, electromechanical bolt locks are available in failsafe and failsecure modes. Applications include high security interior doors and cabinets where electromagnetic locks are not required.

[sdcsecurity.com/electricboltlocks](http://sdcsecurity.com/electricboltlocks)
2 ACCESS CONTROLS

It's one thing to design and manufacture Locking Devices for door access and egress control. It's another thing to tie them all together with Physical Access Control components and systems to protect both people and assets while ensuring code compliance. SDC's digital and card access control systems are engineered to provide real-world door control of a single opening up to 100 doors, from indoor and stand-alone applications, to outdoor and PC-based systems. All while ensuring fire and life safety code compliance along with superior expandability and flexibility in authorization identification, authentication, access approval, and accountability of entities through login credentials - including passwords and personal identification numbers (PINs).

**IP-Based Access Control**

Bring safe, secure, easy to implement door access control to the Network's edge without the headaches of costlier, more complicated enterprise solutions. SDC IPPro® IP-based single door access controllers come with two ethernet ports for interfacing with an additional IP device. They allow expansion from one standalone door up to a 100-door “grid.” The additional Ethernet port allows IT departments to save a port when connecting an extra door at the server. Installers can eliminate a long cable run when connecting an additional IP device. Every IPPro® controller comes with secure, built-in software to manage up to 32 doors from any standard web browser to allow for real-time monitoring, user management and audit trail up to 5,000 events. Or, download our FREE PLUS PC-Client software to control up to 100 doors from a single PC. IPPro® PLUS is a role-based access control software suite with different interface modules.

[sdcssecurity.com/ippro](http://sdcssecurity.com/ippro)
Key Switches

**SDC key switch assemblies** provide an economical method of providing authorized control for a variety of applications and new or retrofit construction. Compatibility with a new or existing facility mechanical key system is maintained through the use of U.S. standard, 1” and 1¾” mortise key cylinders and interchangeable core cylinders (not included).

[sdcsecurity.com/keyswitches](sdcsecurity.com/keyswitches)

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Keypads & Readers

SDC has a variety of standalone **digital keypad and proximity card access control** solutions to meet virtually any need – many now available with industry standard Wiegand 26 bit data transfer to interface with most access control systems. SDC’s digital and card access control systems are engineered to provide real-world door control of a single opening up to 100 doors, from indoor and stand-alone applications, to outdoor and PC-based systems. All while ensuring fire and life safety code compliance along with superior expandability and flexibility in authorization identification, authentication, access approval, and accountability of entities through login credentials - including passwords and personal identification numbers (PINs).

[sdcsecurity.com/digitalreaderskeypads](sdcsecurity.com/digitalreaderskeypads)

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Standalone Locksets

SDC battery powered electronic door locks and keyless entry system provide controlled access for basic and multi-level high security requirements. Priced to compete with entry-level brands, **SDC standalone locksets** are loaded with features professionals expect with hardwired systems. The E70 series can retrofit existing cylindrical, mortise or exit bar door lock preps. The 295 series can retrofit manual cam lock preps and uses standard AAA batteries. SDC standalone locksets are keypad programmable to quickly add or delete individual users.

[sdcsecurity.com/standalone-locks.htm](sdcsecurity.com/standalone-locks.htm)
SDC’s innovative exit bars, devices, switches and emergency door releases all comply with building safety codes by allowing exit through an access controlled opening without prior knowledge of how to unlock the door. From glass doors to gates, interior to exterior, wireless or hardwired, and ADA or emergency, there’s an SDC Egress solution that provides safe and reliable security for any environment.

Egress Devices

SDC egress devices are designed for the release of magnetic locks and the activation of delayed egress locks installed on non-latching doors. Request-to-exit (REX) push bars provide uninhibited egress through access controlled openings equipped with magnetic locks, while eliminating the need for prior knowledge of egress operation and enabling egress with a single natural motion. The use of (REX) push bars eliminates the need for wall mounted exit switches that require prior knowledge and a manual secondary action to unlock the door. 

sdcsecurity.com/egressdevices

Exit Switches & Sensors

SDC offers a variety of exit button and push button styles and contact configurations to fit several request-to-exit application needs. Additionally, SDC’s wave-to-open switches and motion sensors provide hands free compliance and convenience for touchless applications using proven infrared detection technology. 

sdcsecurity.com/exitswitches

Emergency Door Releases

SDC’s line of emergency door releases (EDR’s) are designed to provide a physical method of unlocking an electronic lock in the event of an emergency and may influence the approval of an electric locking system. EDR’s are usually fitted to emergency exit doorways in higher security areas. SDC’s EDR’s can initiate the release of an individual door or all doors on the same circuit and provide an auxiliary contact remote monitoring, CCTV activation or alarm activation. 

sdcsecurity.com/emergencydoorreleases
SDC’s line of ADA Controls are designed to maximize public door accessibility for the Americans with Disabilities Act (ADA) Title III applications. Our product focus is on the section of the law - Title III - that addresses Public Accommodations and is intended to guarantee equality for those who are physically handicapped or disabled. Included are low energy swing door operators, push plates, actuators and touch panels, and bollard posts. They all provide our latest and most convenient features to provide safe access for ADA applications and code compliance.

**Low Energy Operators**

SDC’s low energy swing door operators are designed for applications requiring ADA compliance, user convenience and touchless solutions. Built with a state-of-the-art microprocessor-based unit, SDC’s operator is self-tuning and self-learning while offering non-handed operation, full mechanical stops and a variety of interface options for sensors, push-plates, fire alarms and electrified locks.

[sdcsecurity.com/autoentrycontrol](sdcsecurity.com/autoentrycontrol)

**Push Plates & Panels**

SDC’s push plates and panels combined with SDC’s operator, bollards and locking devices allow for complete access and egress solutions for ADA compliant applications. Included are round and square push plates, as well as wall mount and full size push panels. All types can be wireless or hardwired, bollard or wall mounted.

[sdcsecurity.com/pushplates](sdcsecurity.com/pushplates)

**Bollards**

SDC’s line of bollard posts are a practical alternative to wall mounted access controls or switches for entry doors. They combine visibility with convenience to meet or exceed accessibility and building code requirements throughout North America. A choice of surface mount or in-ground installation models and a variety of push plate and panel switch options are offered. SDC’s bollard posts are built with quality materials and attention to detail for durability in high traffic areas and harsh weather conditions.

[sdcsecurity.com/bollards](sdcsecurity.com/bollards)
From frame to door, SDC’s power transfer devices provide secure, concealed or vandal-resistant means to transfer power and monitoring signals to doors equipped with electric locks and devices. SDC offers a range of proven power transfer devices including concealed mortise devices, wired door transfer hinges, and wireless power transfer devices – all UL listed for 3hr Fire Rated Doors.

Electrified Power Transfer Hinges

Electrified power transfer hinges provide a concealed and vandal resistant method for running wires from the frame to doors equipped with electric locks and exit devices – all UL listed for 3hr Fire Rated Doors.  

[Link to SDC's electrified power transfer hinges]

Power Transfer Loops

Surface and concealed mortise mount power transfer loops provide a means of running wires from the frame to transfer power and monitoring signals to doors equipped with electric locks and exit devices.

[Link to SDC's power transfer loops]

Electrified Power Transfer Mortise

SDC’s heavy duty electrified mortise power transfer device provides a concealed and secure means of transferring electric lock and exit device power and signal wires from the frame to the door. Completely concealed when the door is closed the PTM series electrified mortise power transfer device is ideal for heavy traffic and applications requiring higher security to inhibit tampering and abuse.

[Link to SDC's electrified mortise power transfer devices]

Wireless Power Transfer Devices

SDC’s WPT series uses a radio frequency (RF) transmitter to send energy wirelessly across the door gap to an RF receiver that converts the energy to DC voltage - to power electrified locks and latches. Retrofitting electrified locks into openings with existing wood doors is easier and less time consuming – core drilling the door is not required. Works well with steel doors, too. Unlike competitive wireless power transfer devices that use magnetic induction for the power transfer, the WPT’s RF technology also allows for transfer of latchbolt monitoring, REX or data signals. 

[Link to SDC's wireless power transfer devices]
SDC Access Control Power Supplies have been developed specifically to support access controls and electric locking hardware with clean, consistent power. Combined with SDC’s door controllers, there’s a convenient and reliable way to wire, set dip switches, and install reliable power for virtually any door control application. The circuitry design is ideal for the inductive loads generated by access control hardware for high performance and longevity. The modular design is built around several different control modules to meet the most demanding component interface and control logic requirements.

UL Listed, filtered and regulated DC power, control logic, component interface, alarm interface and battery back-up modules meet the demanding requirements of single and multiple access controlled openings.

### Power Controllers

**SDC access control power supplies** have been developed specifically to support access controls and electric locking hardware. They are UL listed and provide filtered and regulated linear DC power, with optional control logic, component interface, alarm interface and battery back-up to meet the requirements of single and multiple access controlled openings. The circuitry design is ideal for the inductive loads generated by access control hardware for high performance and longevity.

[sdcsecurity.com/powercontrollers](http://sdcsecurity.com/powercontrollers)

### Door Controls & Backup Batteries

**SDC’s door control relay modules** ensure compatibility of access hardware components and simplify system installation and troubleshooting. Different modules may be specified for one power supply. The isolated relay design allows small gauge cable runs of 22 gauge wire up to 500 feet from the trigger device to the module.

[sdcsecurity.com/doorcontrolrelaymodules](http://sdcssecurity.com/doorcontrolrelaymodules)

### Plug-in Power Supplies

**SDC plug-in power supplies** are electrical devices – transformers - that transfer energy between two or more circuits through electromagnetic induction to convert AC to DC.

[sdcssecurity.com/transformers](http://sdcssecurity.com/transformers)
Remote Control Consoles

Recommended for access systems without computer management capability, SDC’s remote control consoles provide a means of central supervision and control of single and multiple openings within a facility. Available in several configurations, the TCC and RCC Consoles provide remote lock control, door status and lock status. The modular design permits configuration flexibility to meet the demands of different control and monitoring requirements.

sdcsecurity.com/remotecontrolconsoles

Annunciators

Multi-mode annunciators, like SDC’s Door Prop Alarm, EA100 and 400 series LEDs, sirens, buzzers & speakers, come in a variety of door, frame, wall, ceiling or single and double gang box configurations to provide the ultimate in door status indication, access control system compatibility and control.

sdcsecurity.com/annunciators
From wireless remote controls to durable door holding and release devices, to REX sensors, timers, ball and magnetic switches, and from concealed contact to universal mounting enclosure - there's an SDC accessory to complement or enhance almost any access or egress component we sell. In addition, we offer specialized controls and packages for Communicating Bathrooms.

**Electromagnetic Door Holders**

**SDC electromagnetic door holder & releasing devices**, are designed to hold doors open and release the door by remote switch or fire life safety command center activation. Primary application includes holding and releasing of fire rated doors that are required to provide a barrier for fire and smoke in an emergency or the convenience of door closure by remote control.

[sdcsecurity.com/doorholders](http://sdcsecurity.com/doorholders)

**Door Position Status**

Magnetic door contacts and electromechanical ball switch assemblies provide a means of monitoring door status.

[sdcsecurity.com/doorstatus](http://sdcsecurity.com/doorstatus)

**Latch & Deadbolt Monitoring Strikes**

**SDC's MS series latch & deadbolt monitoring strikes** are designed to retrofit standard door strikes. These kits provide latch and/or deadbolt status such as: door closed and latched and/or door closed and bolted. Strike plate not included.

[sdcsecurity.com/monitoringstrikes](http://sdcsecurity.com/monitoringstrikes)
Mini Adjustable Relock Timers

**SDC’s 10TD series timer** is a field adjustable 1-60 second miniature time delay relay for timed unlocking of electric locks on openings equipped with key switches, exit switches and remote station controls. It’s small size is designed to easily fit into a single gang box or door frame.

[sdcsecurity.com/timer](http://sdcsecurity.com/timer)

Two Channel Wireless Transmitters & Receivers

**SDC’s WRC series two channel wireless transmitter/receiver solution** is specifically designed to be used as a receptionist button or remote release for single or dual door access control applications. Receiver has the capacity to learn up to 30 fixed transmitter codes using the on-board learning button and status LED.

[sdcsecurity.com/wrc](http://sdcsecurity.com/wrc)

Communicating Bathroom Controls & Packages

**SDC’s CB series communicating bathroom control switches** are designed for a common single bathroom shared by two patient rooms or dormitory rooms, and provide privacy with coordinated emergency access when occupied, while ensuring that both doors are unlocked when unoccupied. Our **CBP series communicating bathroom control packages** combine these switches into pre-spec’d mortise, cylindrical or electromagnetic lock system solutions. One part number covers it all.

[sdcsecurity.com/communicatingbathroom](http://sdcsecurity.com/communicatingbathroom)
SDC’s Hazardous & Explosion Proof products are designed to eliminate sparks in hazardous plant locations. To meet the criteria for the explosion proof rating, each component enclosure must be able to contain any explosion originating within its housing and prevent sparks from within its housing from igniting vapors, gases, dust or fibers in the air surrounding it.

Additionally, these products also meet the temperature requirements of the specific application in which they are to be installed, per National Electric Code (NEC®) standards. Each component is labeled on its nameplate with the distinct classification in which it has been tested and approved for installation.

**Explosion Proof Collection**

**SDC’s explosion proof collection** is a series of door access & egress components all specially designed to eliminate sparks in hazardous plant locations typically found in Oil & Gas, Pharmaceutical, Chemical, Mining, Energy & Utilities, and Food & Beverage plants and facilities. They’re explosion proof rated to National Fire Protection Association (NFPA) standards.

[sdcssecurity.com/hazardous](http://sdcssecurity.com/hazardous)
Designed, Engineered & Built in America