



South Western Communications, Inc.

Detention Electronics Group

Access Control Systems Service Bulletin February, 2011

The access control system can provide the ability to open doors by authorized personnel without direct involvement by operators in the control area. Card readers or keypads mounted on one or both sides of a door can operate the lock to permit passage. If the door is part of an interlock group of doors, the access controls cannot override the interlock and will require that all other doors in the interlock group be secured before opening the door lock.

Readers may be standalone and require individual program changes at the reader, or may be integrated as a package, allowing programming of cards from a computer by a system administrator. Options include creation of access groups of predetermined doors assigned to employees based on their need of routine access to an area. Access may also be limited to particular times or days. Cards may be issued for temporary access with expiration assigned at time of issue, or access cancelled from the admin station.

Access cards and readers must match formats. Magnetic stripe cards look similar to a credit card with a black data strip that is read when slid through a slot on the reader. Proximity cards have internal circuits that are activated by the reader when the card is presented close to the reader. Either card may be printed with unique facility information or photographs.

When integrated as a system, a controller that powers and communicates with multiple readers will have batteries to keep the system operating when utility power fails. The system usually receives utility power from the “emergency power” breaker panel and will be backed up by a facility generator. The batteries should be checked annually and replaced if tests fail.

Contact us for your service needs at service2@swcdec.com or visit us at www.swcdec.com

1608 CHURCH STREET SE * DECATUR, AL 35601

(256)351-2445 * FAX (256)351-1648

CORPORATE HEADQUARTERS – EVANSVILLE, IN

MAJOR BRANCH LOCATIONS – DECATUR, AL * EVANSVILLE, IN * INDIANAPOLIS, IN * NASHVILLE, TN