

Military headquarters

Landscape

A special branch of the military subject to a base realignment and closure (BRAC) recently relocated its primary headquarters to another base, where a headquarters building and training compound were under construction. Armed forces of U.S. allies were brought to the base for training, elevating the need for a highly secure access control system. Key control, however, had been a chronic issue, particularly with several different access control systems deployed across the base.

Desired outcome

Access control was the primary objective. The Falcon Restricted Key System, in conjunction with the Schlage CO-Series, was already in use elsewhere on the base. The military wanted its new headquarters and training compound to have the same level of access control found in that system.

Some customization was required to adhere to military standards. Specifically, they wanted to leverage the audit trail features of the CO-Series for locks keyed from their normal mechanical system.



Solutions

Falcon Series 25 exit devices

Certain high traffic openings were equipped with the Falcon 25 Series exit devices. These durable, reliable devices include:

- Choice of an A or B label fire rating for code compliance
- Electrified and panic options for ease of use and accessibility
- A full complement of trims to meet various design requirements

The Falcon 25 Series also offers a full line of cylinder configurations, keyways and options, including restricted keyways comprised of key blanks and cylinder parts that have strict limits on use and distribution. This ensures that keys are copied only by certain pre-qualified companies under very specific circumstances. Any manufacturer's cylinder works with the device, making it simple to remove for quick, easy re-keying.

Schlage CO-Series electronic Locks

The CO-Series is the ideal solution for the military base because it provides the added security and convenience of electronic access control without the cost or complexity of a fully-networked system.

The CO-Series is available in a variety of options, including keypad only, proximity, magnetic stripe and dual credential plus PIN. The innovative key-in-lever design leverages existing master key systems and allows the military base to control access by user, opening and time of day. Access rights and schedules are stored in a central database that transfers data to the locks using Schlage Utility Software with a handheld device (HHd).

The CO-200 and the CO-250—both of which are ANSI/BHMA A156.25, ANSI/BHMA Grade 1 certified and UL 294 listed—were incorporated in the new headquarters and training compound.

- The CO-200 is computer programmable with user rights stored on the lock. The HHd, used in conjunction with the access control software, allows user management and audit retrieval.
- The CO-250 is a computer-programmable, offline lock that stores user rights on the magnetic stripe credential and captures an audit trail in the lock.

To help customize locks for the base, sample blocks for the Falcon 25 Series and the Schlage CO-200 locks were constructed at a local distributor's shop and shipped to the base for review.



Results

With the success of the Falcon and CO-Series platforms, the system was implemented throughout the entire base. Today, several thousand Falcon cylinders and cores are part of the restricted key system. Other areas of the base are replacing existing cores and phasing in the new security hardware.

Within the 5.1 million square feet of construction, there are:

- 1,750 Schlage CO-200 and CO-250 Series locks
- 495 Falcon 25 exit devices with R/X
- 140 Falcon T-Series
- 650 Falcon M-Series
- 1,700 LCN closers
- 3,200 cylinders with Falcon Restricted Keyway

Rather than managing multiple access control components, the base consolidated them all into a single platform, providing a higher level of tracking, reporting and access management.



About Allegion

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009798 Rev. 02/21/2014
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