IDENTIFICATION SYSTEMS GROUP

ISG Case Study: St. Elizabeth's Hospital

Overview

Customer St. Elizabeth's Hospital in Belleville, IL

Challenge The hospital need an easy form of controlling access throughout its building, especially in administrative and lab areas

Solution ISG member Elliott Data implemented a BadgePass Identity Manager and Access Manager system with Schlage AD-400 wireless locks and aptiQ card readers

Result The hospital can now control access in key locations throughout the complex



Identifying the Need

St. Elizabeth's Hospital in Belleville, Illinois had three major goals in their security renovations:

1. Consolidate all access systems into a single solution that was easy to implement and manage
2. Replace existing off-line locks and expand the system to all 275+ openings
3. Integrate a new access control system that was fully integrated with the hospital's ID badging system

Elliott Data Systems developed a comprehensive system for the hospital that effectively addresses all three goals.

Offering the Solution

First, the firm installed Schlage AD-400 Series wireless electronic locks on all doors. With no wire to pull or trenches to dig, project manager Matt Buydos says these locks eliminated the time and cost of installing wired technologies. Since the hospital is more than 75 years old, this was particularly important.

"Because of the cinder block and brick, it would have been way too expensive to pull wire or try to hide it," he explains. "Wireless was really the only sensible solution." As a result, it took less than an hour to install each lock, versus the four to six hours required by wired alternatives.

Plus, with the AD-400's multi-technology capabilities, the hospital can easily migrate to smart cards or Near



Field Communications (mobile credentials) in the future.

Elliott Data Systems further strengthened the security of the new access control system with the installation of aptiQ Readers on approximately 80 openings. One key advantage of this hardware technology, Buydos says, is that the aptiQ Readers handle all applicable ISO standards, making it compatible with many other 125 kHz and 13.56 MHz technologies. This ensures the hospital can easily migrate to the next level smart card technology and NFC if it chooses.

Elliott Data Systems connected the AD-Series Wireless Locks using 22 Schlage PIM400-1501 Intelligent Controllers. These controllers, powered by Mercury, provide an IP-addressable integrated access control solution that is able to manage up to 16 AD-Series wireless devices. Buydos says the PIM400-1501 was a natural choice. Not only are they more secure; they also simplify installation for the integrator and reduce the cost of implementation for the client.

With this solution in place, Elliott Data Systems was able to replace any existing offline locks and consolidate everything into a single solution that would be easy for the hospital to manage. Even better, the access control system was able to integrate with the ID management system.

Elliott Data Solutions chose BadgePass, a software solution that integrates with Allegion products through an open architecture platform, allowing the organization to tie together several platforms, including access control, credentialing and visitor management.

Providing the Results

"With a single backend database, it can manage multiple applications and is easily expandable to address needs as they mature," says Lindsay Martin-Nez of BadgePass. The hospital also liked how the intuitive design of BadgePass makes it easy for the end-user to use and manage.

The solution was a win-win for the integrator and the hospital. By eliminating the need to run wires or cables, the access control system was easy to implement and reduced installation time significantly. With a simplified solution, the hospital now controls all 275+ doors with one system. Credentials are activated instantly when photo IDs are printed. A hospital-wide record of access can be retrieved at any point. The hospital plans to expand the system to its main medical office building as a next step in creating a comprehensive access control system.

About the ISG

The Identification Systems Group (ISG) is a nationwide network of local identification card system integrators, providing high quality, cost-effective solutions backed by the local support and strength of its Professional Services Certification program. Each company works together to provide seamless nationwide support in the USA and Canada.

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