CyberLock®

Innovative Solutions
for Facility Security

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What is CyberLock?

Facilities, both large and small, face a variety of security challenges. Ensuring employees and members of the public can only access areas they are permitted to access is highly critical. Additionally, many facilities use mechanical locks and keys, which are easily duplicated, difficult to track and provide less than ideal security. CyberLock is virtually tailor-made for facilities of any type. From office buildings, schools and churches to historic venues, data centers and hospitals, CyberLock allows users to schedule access permissions, track keys and maintain a high level of security, all without any hardwiring.

With CyberLock You Can:

- Have complete key control throughout your facility
- Eliminate the need to re-key when keys are lost, stolen, or employees are dismissed
- Reduce internal revenue loss and increase accountability by scheduling and tracking all access activity
- Carry one key that can be programmed to open one lock or all locks in your system - no more key rings

Integrate Your Existing Hardwired System with CyberLock Flex

CyberLock Features

Remote Access Control
CyberKey smart keys provide all the power to the lock cylinder; therefore there is no need for hardwiring, making CyberLock the ideal solution for remote locations.

System Integration
With system enhancement modules, CyberLock can integrate with an existing hardwired system, allowing facilities to use both hardwired and wireless access control solutions.

Control and Schedule Access
Using the CyberAudit management software, permissions for each lock and key can be changed effortlessly, enabling immediate and precise control over access to all entry points.

Increase Accountability
Every time a CyberKey meets a CyberLock, a time-stamped access record is stored in both the lock and the key, providing system administrators with full visibility of all access attempts, whether successful or not.

Never Re-key Again
When a key is lost or stolen, CyberLock cylinders can be programmed to deny access to the missing key. CyberLock employs unique access codes that bind both the cylinder and key to one system, meaning CyberKey smart keys are not susceptible to mechanical duplication like traditional master keys.

Physical Security
CyberLock cylinders have a unique, sealed design that negates standard lock picking techniques. Additionally, CyberLock cylinders are high security locks designed to withstand harsh environments.

Easy Installation
Over 380 CyberLock cylinders have been designed to retrofit into a variety of access points, including doors, cabinets, gates and more. CyberLock cylinders retrofit directly into existing hardware, making installation quick and seamless.

The Flex System enhances the CyberLock product line by adding the capability to control a variety of access control and security elements using both Flex System modules as well as third-party access devices:

- » **Open A Door**
- » **Activate a Light**
- » **Sound an Alarm**
- » **Activate a Camera**

Historic Broadway Center

Challenge: Gaining Access Control without Structural Changes

Broadway Center for the Performing Arts in Tacoma, Washington, began operation in 1983, but its buildings have been a vital part of the town for 90 years. Broadway Center's Pantages Theater was originally a vaudeville house and the smaller Rialto Theater was a silent movie palace. In 1994, Broadway Center added a third theater, Theater on the Square, situated at an intersection that has been the town's center for generations; Broadway Center is at the very "heart" of the Tacoma community.

Broadway Center has a staff of 85 full and part-time employees and a volunteer base of 200 people. They needed to control and manage access to their theaters, rehearsal halls, classrooms, and office buildings. With many keys in circulation, security to their buildings was compromised whenever a key was lost. They couldn't afford the time and expense to re-key every time a key was missing. David Fischer, Executive Director of Broadway Center, says, "The Rialto and Pantages Theaters were built in 1918 and are listed on the National Registry of Historic Places. We required a system that could be installed without altering their historic nature."

Solution: CyberLock

Broadway Center found that CyberLock met all their requirements and began installing the system throughout their buildings. No expensive wiring or destructive concrete core-drilling was needed for installation. They simply replaced the cylinders inside their door locks with CyberLock electronic cylinders.

"Theaters are dark and inherently dangerous. There are places to fall into and out of. Knowing that we have only authorized, experienced people in these hazardous areas is an important benefit of the CyberLock system," says Fischer. They can audit activity at each door and restrict each person's access to the areas they need to do their job.

Fischer adds, "The affordability of CyberLock is an enormous benefit to us." Most importantly, CyberLock's electronic key cannot be duplicated and a missing key can quickly be deactivated. "With CyberLock, we gained the access and key control we needed without compromising the historical integrity of out buildings," confirms Fischer.

How it Works: A Simple Step-by-Step Process

Step 1

Replace existing mechanical cylinders or padlocks with a programmed CyberLock cylinder. Each CyberLock is an electronic version of a standard mechanical lock cylinder. Installation is as simple as removing the original cylinder and replacing it with a CyberLock cylinder. Installation requires neither wiring nor batteries, making it quick and easy.

Step 2

Assign a CyberKey to a user. Keys are programmed with access privileges for each user. A standard key holds a list of locks the user may open, with a schedule of days and times when access is allowed. For instance, the key can be programmed to allow access during an employee's shift and deny access outside of the scheduled shift. It can also be programmed to expire on a specific date at a specific time for increased security.

Step 3

Access locks. When a CyberKey meets a CyberLock, the cylinder is energized and an information exchange occurs to determine if the key has access to that specific cylinder. The event and time is stored in both the lock and key. Lock cylinders and keys also record when an unauthorized attempt to open a lock occurred.

Step 4

Download audit trails and update keys via communicator devices. Expiring keys regularly ensures users frequently update their keys. When validating keys, the system downloads the audit trail and uploads new access privileges to the key. An expired key will not work until it is updated.

Step 5

View audit trail. The CyberLock system is managed centrally through CyberAudit software. Customized audit reports and notifications on suspicious activities can be automatically generated via email.

◎ CyberLock®

CyberLock, Inc. is the leading supplier of key-centric access control systems. It is part of the Videx family of companies with roots dating back to 2000 when the first CyberLock branded electronic locks and smart keys were introduced to the market.

Videx, Inc. has been designing and manufacturing innovative electronics since the company was founded in Corvallis, Oregon in 1979. Early products included display enhancement modules for Apple computers. In 1985, Videx entered the data collection industry with its first portable bar code scanner. Over the years, additional data collectors have been introduced, utilizing touch memory button and RFID tag technologies.

In 2013 CyberLock, Inc. was spun off as an independent company but maintains strong ties to Videx. The two companies continue to collaborate on future innovations.