CyberLock®

Key Centric Access Control

EXCELLENCE IN INNOVATION

Since 1999 | www.cyberlock.com

CyberLock Offerings

Innovative Locking Solutions, One Powerful Software Suite

CyberLock delivers versatile access control solutions designed to increase security, accountability, and key control throughout nearly any organization. Featuring an array of connectivity options, the CyberLock system readily adapts to meet the demands of facilities and remote assets, providing precise key control and audit data for every access attempt. With millions of locks deployed worldwide, CyberLock has proven success protecting high-security assets that underpin critical infrastructure sectors.

CYBERLOCK CYLINDERS

CyberLock electronic cylinders are designed to the exact dimensions of their mechanical counterpart, which enables users to simply retrofit existing hardware rather than replace hardware altogether. Cylinders are powered by CyberKey smart keys, which means there is no battery or power required at the lock. All the power is provided by the key.

COMMUNICATION DEVICES

CyberLock communication devices serve as the interface between CyberLock hardware and CyberAudit-Web. Communication devices come in a number of convenient formats that allow key holders to download audit information to the software and upload new schedules and permissions to their CyberKey.

CYBERKEY SMART KEYS

CyberKey smart keys are scheduled with specific access permissions that allow key holders to open one, several, or all locks within their system, during a designated time frame. Outside of that time frame the key will deny access to the lock. Every time a CyberKey touches a CyberLock, a time-stamped record is recorded in both the lock and the key.

CYBERAUDIT-WEB SOFTWARE

CyberAudit-Web manages CyberLock systems of all sizes. The software allows you to assign keys, set expirations, add new cylinders, monitor staff and contractors, create access schedules, and generate audit trails and custom reports. CAW can be easily accessed through web browsers on desktops, laptops, smartphones, or tablets.

KEYLESS TECHNOLOGY

With CyberLock's keyless access control solutions, your phone is the key. Utilizing Bluetooth, Near-Field Communication (NFC) or our proprietary FlashLock technology, users can gain access to wired doors, doors with lock cylinders, padlocks, and more with efficiency and convenience. CyberLock Blue and NFC credentials are managed by the Cyber Access mobile app, which transmits encrypted access codes using 256-bit AES CMAC challenge-response authentication for fast, secure access. FlashLock allows for duration-limited or one-time access to an entry point, using a mobile device, without the need to install an app or create an account.

CYBERLOCK FLEX SYSTEM

The CyberLock Flex System is a hardwired access control platform that allows users to manage a wide range of powered devices. In addition to controlling RFID readers, electric door strikes, weatherized key vaults, alarms, and more, Flex also offers modules for programming CyberKey smart keys. Flex can even control compatible third-party Wiegand devices.

CyberLock Headquarters

Manage CyberLock, Flex, Blue, NFC, and FlashLock products with CyberAudit-Web.

Designed, manufactured, and assembled in the USA

Simplified Solutions, Innovative Technology

CyberLock's Heavy-Duty
2" Shackle Padlock

450+ Electronic Cylinders!

Electronic cylinders are installed without power or wiring making setup and installation quick and simple.

CyberLock's electronic cylinders are manufactured to the exact dimensions of the mechanical lock cylinders they replace.

Standard security features in every cylinder include tamper delay, torque resistance, stun gun resistance, a time-stamped audit trail, and a sealed keyway designed to prevent picking techniques. Available security features include tamper and drill resistance.

Cylinders

• Cylinders for doorways retrofit into knob, lever, mortise, rim, and profile locksets.

• Easy-to-install interchangeable cores are used in a number of applications.

• CyberLock has designed cylinders for traffic cabinet and vending machine locks.

Padlocks

• Padlocks are offered with a 1", 2", or 3" shackle.

• Hockey puck padlocks provide a shackle-free, shielded option for additional attack resistance.

• CyberLock padlocks can be purchased as either key-retaining or non-retaining.

CyberLock cylinders are designed to withstand harsh environments with a variety of IP68-rated cylinders.

Left to right:
Profile Cylinder,
2" Shackle Padlock,
Hockey Puck Padlock.

Installed CyberLock Half-Profile Cylinder

Sealed Keyway
Prevents conventional lock picking techniques

AES-256 Encryption

Designed, manufactured, & assembled in the **USA**

Audit Capacity
2nd Gen locks store 6500 audit events

Traffic Cabinet Lock

6-Pin Format Cylinder

1" Shackle Padlock

CyberLock

European Double Cylinder

Camlock

Mortise

Generation 2

CyberLock offers 2nd generation cylinders in 450+ designs. With state-of-the-art technology and additional features, Gen 2 cylinders offer more flexibility and greater control over each and every access point.

Increased Audit Capacity

Memory to store up to 6500 audit events and a lost key list of up to 510 keys.

Military Grade Security

AES-256 encryption between the lock and the key.

Backwards Compatible

Operate in Gen 1 or Gen 2 mode to meet the needs of customers, new and old.

Flexible Integration

Easily toggle between Gen 1 and Gen 2 mode through CyberAudit-Web and a CyberLock Programmer II.

Mortise Cylinder

Traffic Cabinet Cylinder

Camlock

Small Format IC Core

Scandinavian Oval

T-Handle Cylinder

The Key To Confidence

CyberKey smart keys are scheduled with specific access permissions for the key holder. Each key holds a record of every access attempt. Additionally, keys can be programmed to communicate vital information to the lock or download the audit trail data from the lock.

CyberKey smart keys are available with a number of versatile features to meet the needs of customers in nearly any application.

Wi-Fi Communication

Update access permissions and upload audit trail data in near real-time when the key is connected to an approved Wi-Fi network.

Bluetooth Communication

Update access permissions and upload audit trail data using an Android or iOS app on your smartphone.

Ultimate Compatibility

Open RFID enabled doors, FlashLock, Blue, NFC locks, and CyberLock access points with a single key.

Battery Versatility

CyberLock smart keys are either equipped with convenient rechargeable batteries or replaceable batteries.

CyberKey Blue 3 with CyberLock's Heavy-Duty Padlock

*Left, top to bottom:
CyberKey IR7,
CyberKey X2,
CyberKey Go,
CyberKey USB,
CyberKey Blue 3,
CyberKey Air 2*

Key Control

Keys can be assigned a custom schedule. This means keys can be issued before they become active, and can be set to expire at specific times in the future. Key holders must reauthorize expired keys before access will be granted again. Setting short-term expiration dates is an excellent way to minimize risk due to lost or stolen keys.

Communication is Key

CyberLock communication devices serve as the interface between CyberLock hardware and CyberAudit management software.

CyberLock communicators are linked to CyberAudit-Web over a local area network or securely over the Internet. When a CyberKey and communicator sync, the audit trail is downloaded from the key, and new schedules, permissions, and system information are uploaded to the key.

Communicators for an Everchanging Workforce

Desktop: The USB Station and IR Encoder plug directly into a USB port on a computer. CyberKey smart keys communicate with the USB Station via the key tip or by infrared technology using the IR Encoder.

Mobile: Using a Bluetooth-enabled CyberKey, users can update keys using the CyberAudit-Link mobile application on either an Android or iOS device. Android devices can also use an IR Encoder and update keys with CyberAudit-Link.

Stationary: CyberKey Authorizers, WebStations, and ValidiKey Vaults can be installed at locations such as security checkpoints, employee entrances, or warehouses to provide a centralized location to check out keys or to update CyberKey smart keys.

CyberKey Blue 3 and mobile device communicating via CyberAudit Link app.
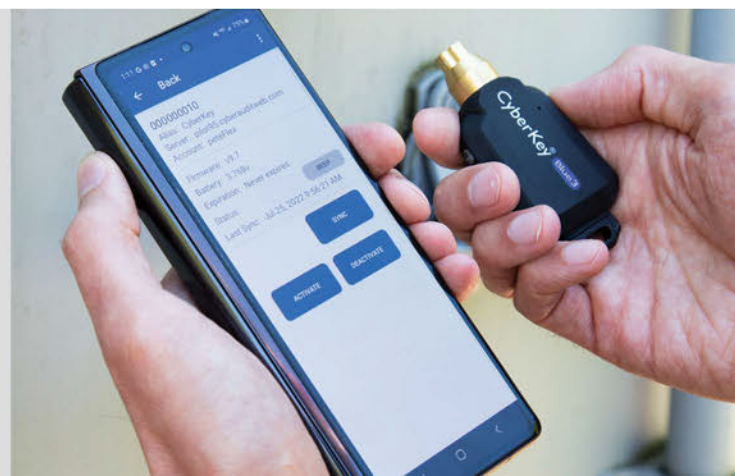
ValidiKey Vaults

These state-of-the-art ValidiKey vaults have the ability to recharge, program, and dispense CyberKeys. Unprogrammed keys are stored in the locked vault until an approved RFID card and/or mission number is presented. After user credentials are verified, the vault programs a key with user-specific permissions and opens the vault, prompting the user to remove the CyberKey.

Designed for ValidiKey vaults, the ValidiKey Ring allows users to control mechanical keys alongside CyberKey smart keys.

ValidiKey 2 Plus

Designed to fit small to large facilities.

ValidiKey Pro

Designed to fit medium to large facilities.

The ValidiKey Pro is the next generation of CyberLock key management system. With several enhancements including a larger 5-inch touch screen display, and a new reader that accepts up to 5 different credential types.
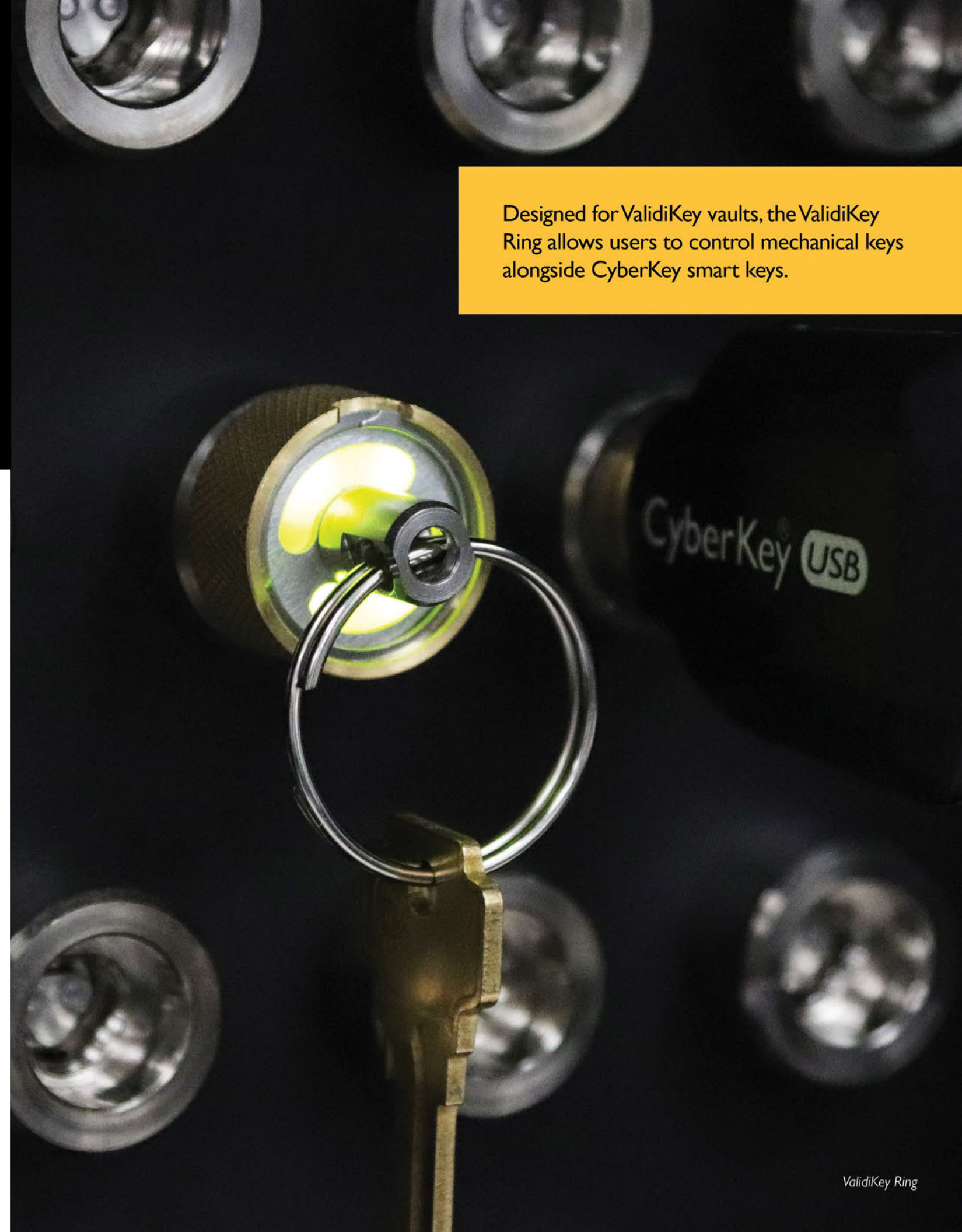
Multicredential

Two-Factor Authentication

Encrypted Card Support

Vaults are scalable, meaning numerous vaults can communicate within a single CyberAudit Enterprise system. Vaults and CyberKeys are auditable, showing users a record of which keys were checked in or checked out, and at what time.

ValidiKey Ring

Convenient, Powerful Security Management

CyberAudit-Web is the powerful, award-winning software suite for management of CyberLock systems. CAW allows you to assign keys, set expirations, add new cylinders, monitor staff and contractors, create access schedules, and generate audit trails and custom reports.

Accessibility

CAW can be accessed through web browsers on desktops, laptops, smartphones, and tablets.

Security

CyberAudit-Web supports AES-256 encryption between lock and key.

Azure/AD Directory Integration

CAW synchronizes with AD daily and can be done on demand. Synchronization adds, removes, or updates people based on the latest information in AD.
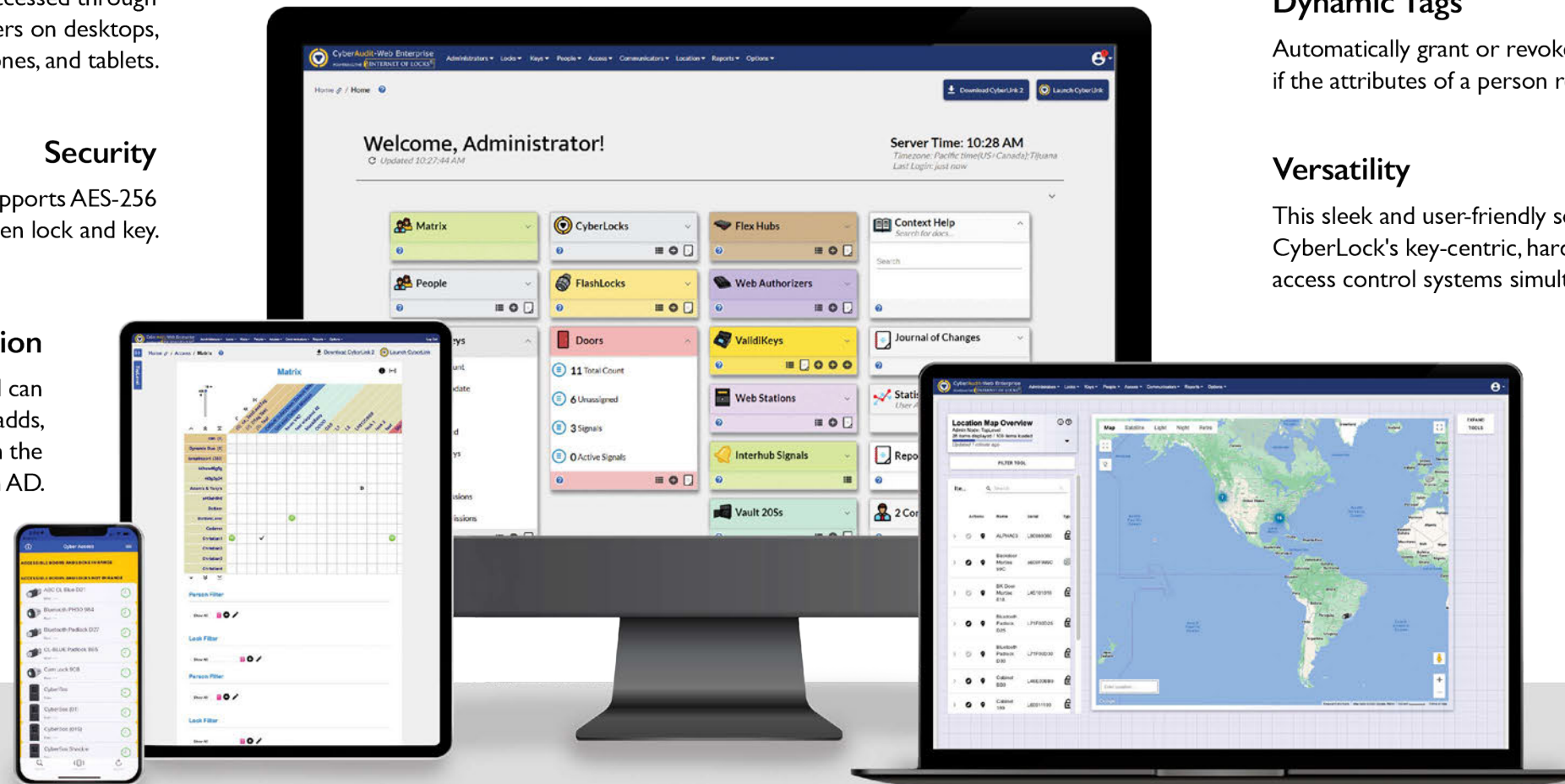
Dynamic Tags

Automatically grant or revoke access permissions if the attributes of a person record or lock change.

Versatility

This sleek and user-friendly software manages CyberLock's key-centric, hardwired, and keyless access control systems simultaneously.

Geotagging

Integration with Google Maps allows for the placement of locks/communicators at set GPS coordinates for easier tracking and management.

Management

Create customized access schedules for each individual key holder, or batch schedule entire departments.

Accountability

System administrators can create and view custom audit reports on access activity and create automatic email notifications on specific events.

CyberAudit-Web Software

Critical Infrastructure Protection

CyberLock's Blue Padlock with Cyber Access App

FlashBox

FlashLock Half-Profile
Cylinder

FlashLock Padlock

FlashLock Mortise
Cylinder

FlashLock
cyberlock.com

CyberLock Infrared
Key Fob
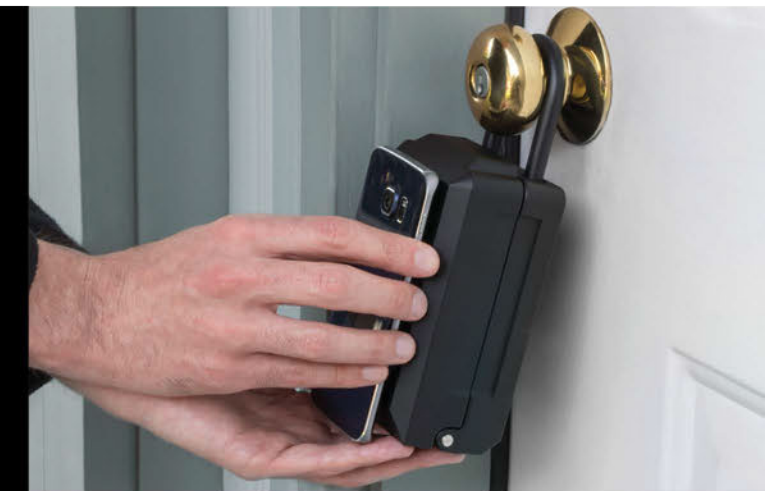
CyberLock

Access In A Flash

Using serial optical communication technology combined with a web-enabled device, issue and receive access to any lock retrofitted with FlashLock. Simply open a FlashLock access link and hold the screen to the face of the lock.

- Optical keyless credential that can be issued without a dedicated mobile application or user account registration.

- Send and receive duration-limited access via text or email.

- FlashLock eliminates the need to worry about lost, stolen, or copied keys.

- FlashLock can also be opened using a compact CyberLock infrared key.

Flash technology reduces hardware compatibility issues making it ideal for temporary users and contractors. FlashLock provides a convenient access control option for those requiring one-time or duration-limited access. Audit trail information is associated with the user's mobile number, so the administrator is still able to maintain a record of who accessed the device.

CyberLock FlashBox protecting a home.

CyberLock Blue & NFC

The CyberLock Blue and NFC electronic locks offer convenient keyless access control with the reliability and precision required by critical infrastructure and high-security applications.

Advanced Keyless Security

Bluetooth or Near Field Communication (NFC) and CMAC AES-256 challenge-response authentication ensures the security of critical assets, providing protection against unauthorized access attempts.

Flexible Access Options

Select from multiple credential types to maximize the efficiency of each user. Send keyless credentials to Android and iOS devices via the Cyber Access app, or issue physical credentials like a CyberLock infrared fob or compatible smart key, such as the Blue 3, Air 2, or CyberKey Flash.

Real-Time Control

Administrators can issue on-demand credentials to contractors, employees, and authorized visitors through CyberLock's powerful software suite, CyberAudit-Web. When changes occur, users can rapidly update their permissions using the Cyber Access app to enable access to the lock.
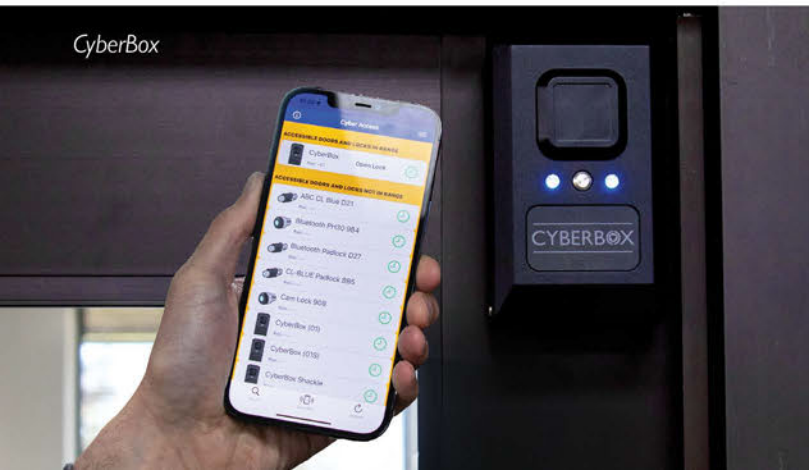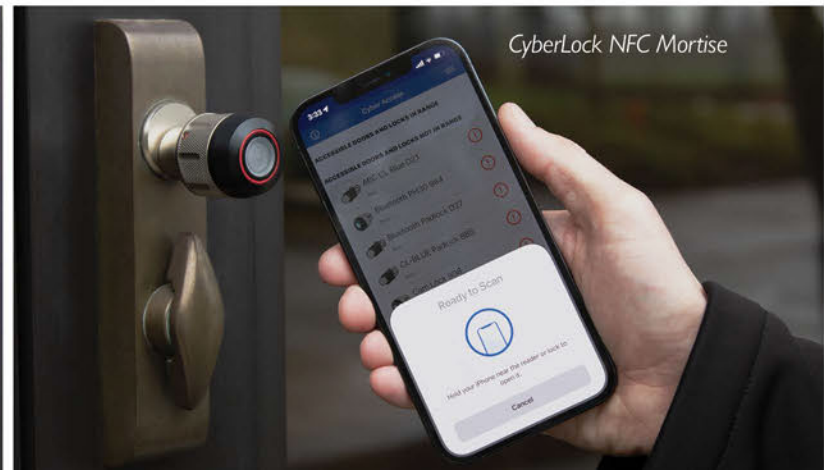
Replaceable Battery

CyberLock Blue and NFC locks feature a field replaceable EL123 lithium battery that ensures continued functionality with a lifespan of 2 years with Bluetooth, or 5 years with NFC.

Mortise Cylinder

Half-Profile Cylinder

Scandinavian Oval Cylinder

Paddock

CyberLock Blue

CyberBox*

Key Tube

CYBERBOX

Cam Lock

Full-Profile Cylinder

*Bluetooth only product

CyberBox

CyberLock NFC Mortise

Integrated Security Solutions

The CyberLock Flex System is a modular integrated security solution that combines the benefits of a hardwired system with the CyberLock key-centric and keyless technologies, all managed under one unified software system.
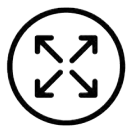
FlexEdge & FlexLock
Motorized Traffic
Cabinet Lock

Below left, top to bottom:
Flex II Controller, Flex II
FlashReader Keypad

Flexible

The heart of the system is built around the Flex Controller which provides connections and power for weatherized modules that can be mixed and matched to fit a variety of access control needs.

Compatible

The Flex System is managed by CyberAudit management software, the same platform behind the CyberLock access control system.
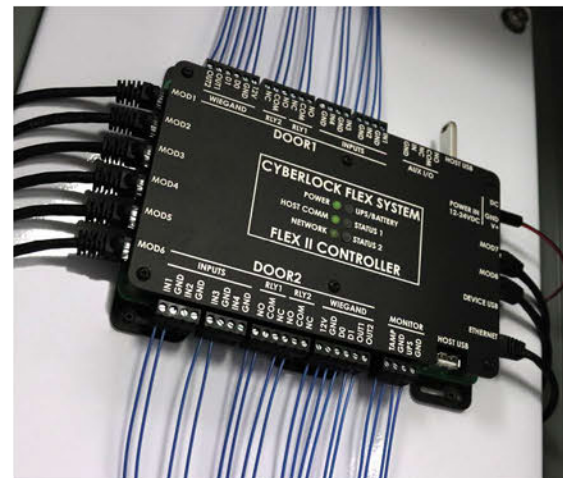
Expandable

A wide variety of other security devices such as third-party readers, request-to-exit devices, alarms, door sensors, and more, can be added to the Flex System.

FlexLock

With Flex integration, the FlexLock motorized traffic cabinet lock offers Ethernet connectivity with AES-256 encryption for secure access and 24/7 real-time monitoring. FlexLock can be opened remotely by administrators when approved personnel are unable to present access credentials on-site.
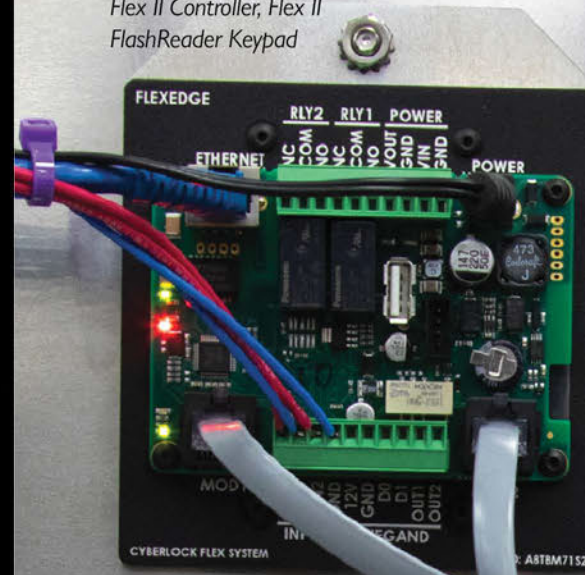
The Flex FlashReader Keypad

The Flex II FlashReader Keypad is a multi-credential input device for controlling hardwired doors. A user can gain access by presenting credentials such as RFID cards, a cell phone using CyberLock's Flash technology, IR via fob or CyberKey, and Bluetooth 5.0 and NFC via the Cyber Access app.

Security:
Never Optional,
Now Imperative

CyberKey Blue 3 (CKR-BLUE 3)
with 2" Shackle Padlock (PL-02)

A Day in the Life

A multi-state power utility company uses CyberLock for its dynamic security needs. CyberLock's innovative locking solutions help support their vast mobile workforce. CyberLock provides access control for entry points that span any physical environment.

8:14 AM

Dynamic Tags

A contractor arrives to service high-risk equipment, but his safety certification has recently expired. CyberAudit-Web's Dynamic Tags automatically revokes his permissions. Until his safety certification is properly renewed, the contractor will be denied access to the high-risk equipment.

11:10 AM

Keyless Entry

An outside vendor is called to investigate reports of a water leak at a satellite office. Staff are working remotely so management sends the vendor a text that allows them to enter within seconds, using a secure FlashLock keyless credential.

Downtown power substation

CyberAudit-Web central server hub

2:58 PM

Hardwired Security

Employees arrive at company headquarters to work the afternoon swing shift. Access cards issued to swing shift employees will have access to open the main entrance between 2:00 pm and 2:00 am. Attempted entry outside of those limits is denied and the access attempt is recorded.


5:28 PM

Updating Permissions

An employee headed back to the office during rush hour is rerouted to a malfunctioning substation. At headquarters, dispatch grants permissions to the employee for the substation lock. When the employee arrives, they simply sync their CyberKey Blue 3 with a mobile phone to receive the updated access rights, allowing them to address the substation malfunction quickly and efficiently.

Power grid control office
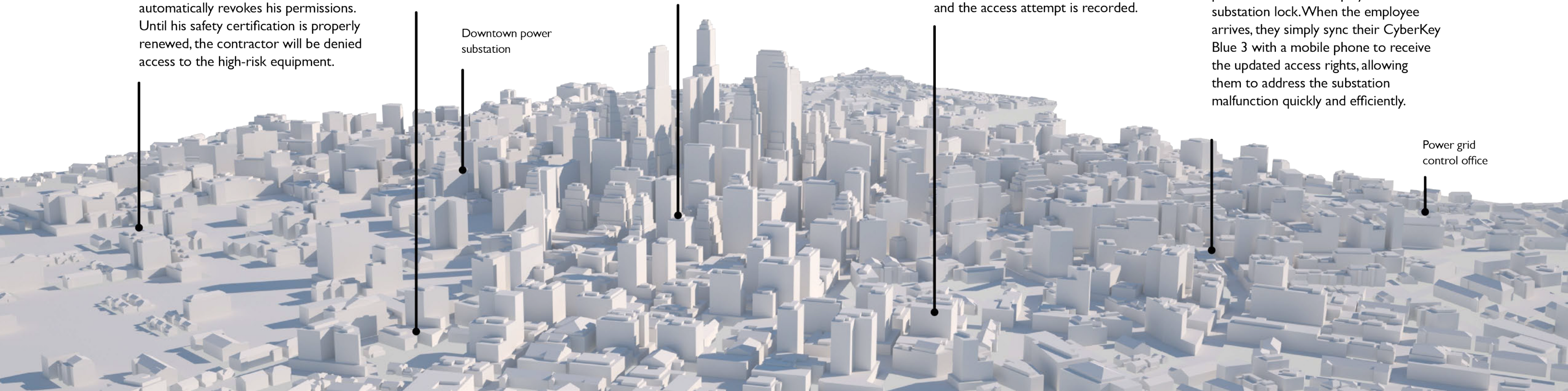
Versatile Access Control for Every Industry

CyberLock addresses access control challenges in countless industries.

Power & Water Utilities: The Department of Homeland Security has identified power, water, and wastewater facilities as critical for maintaining the health and safety of the public. Strict security guidelines and protective measures have been implemented to safeguard these important systems. Mechanical locks and hardwired access control systems have inherent installation challenges and security limitations that make these solutions ill-equipped to meet the demanding needs of power and water facilities. In contrast, CyberLock electronic locks and keys combine the benefits of both systems, providing an ideal solution for the facilities that support our energy and water sectors.

Airports: CyberLock helps airport operators address the many challenges posed by their immense security perimeters and strict TSA regulations. CyberLock's versatile electronic cylinders offer precise, scheduled control over each and every access point, enhancing airport security and improving accountability throughout. Detailed audit reports generated via CyberAudit-Web show a time-stamped access record for each location, helping airports quickly recognize potential security issues and take preventative action. By combining hardwired access control with the versatility of a key-centric system, CyberLock provides benefits that no other system can match.

Traffic: Regional and local transportation departments struggle to properly secure traffic cabinets and road communication equipment. Many of the leading problems in transportation security are derived from a commonly used security element, the #2 mechanical key. CyberLock offers electronic cylinders specifically designed to retrofit into traffic cabinet hardware, allowing transportation departments to upgrade existing cabinets with an easy, affordable access control solution. CyberLock helps reduce key-control concerns and improve accountability, without interrupting day to day operations.

Facilities: Across our important industries—whether it's healthcare, worship, education, or the commercial sector—facilities large and small face significant security challenges that can only be addressed with a versatile approach. CyberLock combines the best of hardwired, cable-free, and keyless access control, all under one software platform. CyberLock allows facilities to schedule access permissions, track keys, and maintain precise control over any access point, from exterior gates to server racks. Maintain hardwired doors at high-traffic entry points, control remote sites with rugged, outdoor electronic padlocks, and grant temporary access to a vendor or contractor simply by sending a text or email. With three access control technologies to select from, facilities can customize a CyberLock solution to fit their specific needs.
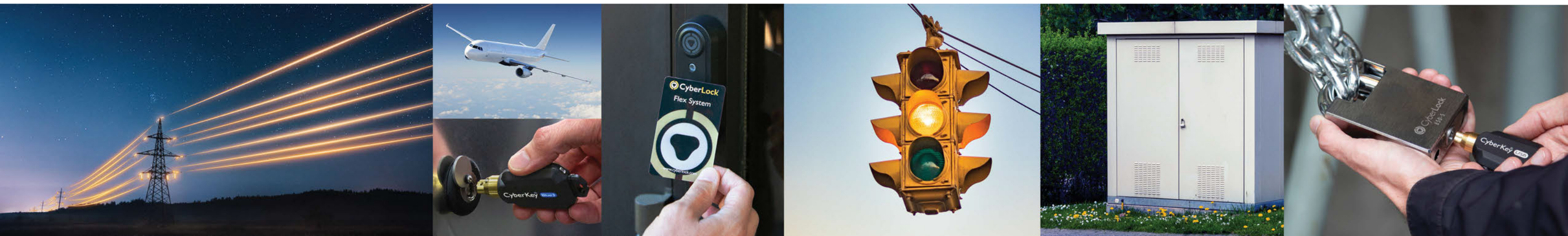
Circuit boards engineered and manufactured in Corvallis, Oregon

It Starts with Listening

We believe the key to solving access control problems is collaboration—between our customers and our innovation specialists. It involves listening, observing and analyzing—turning the full force of our experienced team to your challenge. Tell us about your toughest access control problems. Our team is ready to listen and create a solution for you.
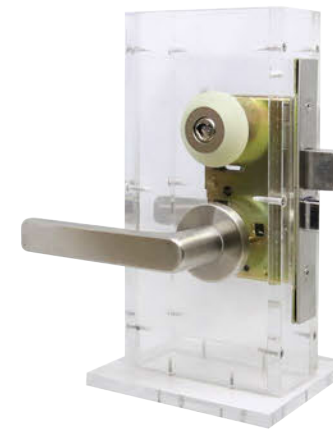
Custom Lock Mockup

Each CyberLock product is made at our headquarters in Corvallis, Oregon. This precise control over design and manufacturing helps our talented team develop custom products to fit the needs and demands of any client. No design is too challenging.

CyberLock prides itself on listening to customer requests and creating user-friendly hardware and software products.

CyberLock is a women-owned business built on innovation. With roots dating back to 1979, our 40+ years in the electronics industry provides a firm foundation for future innovations.

Left to right:
3D printing prototype CyberKey,
Developing prototype CyberLock
cylinder part, Potting CyberKey
Vault circuit board.

CyberLock
Headquarters

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 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.

GCO #5723

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