Medeco Logic CLIQ™

ASSA ABLOY, the global leader
in door opening solutions

medeco®
ASSA ABLOY

Why choose Medeco?

Since its inception in 1968, Medeco has been a pioneer in the locking industry and a trusted partner to provide enhanced security and accountability solutions. With more than 25 million mechanical cylinders and more than one million electronic cylinders in use worldwide, Medeco is able to combine its history in mechanical security with newer electronic technology to provide an unmatched range of products to meet the needs of its millions of users. As part of the ASSA ABLOY Group of companies, Medeco is able to leverage global partnerships to offer even greater value and perspective to its customers for maximum value and the fastest possible return on investment.

Medeco Security Locks

A History of High Security and Innovation

1968	Medeco sets a new standard for high security with the invention and patent of the unique Medeco technology
1985	Medeco raises the high security standard again with the introduction and patent of Medeco BiLevel technology
1992	Medeco pioneers electronic cylinders for cash-handling markets with the introduction of the VLS technology
1995	Medeco KM brings Patented Key Control to Small Format Interchangeable Core (SFIC) applications
1997	SiteLine combines electronic and mechanical access-control functionality in a single key credential
2000	Medeco Nexgen electronic cylinders take cash collections to a new level of security and accountability
2003	The Medeco³ technology raises the standard again for high security and master keying
2005	Medeco X4 offers a new patent for key control, a dual-locking technology and four times more master-keying capabilities … all in a retrofit SFIC
2006	Medeco BiLevel introduced to offer dual-level physical security with same key as high security system
2007	Medeco Logic eCylinder offers a simple path to upgrade mechanical locks, adding electronic scheduling and audit
2010	Medeco XT expands the Medeco eCylinder line, including retrofit cylinder for Small Format Interchangeable Core applications
2010	Medeco Logic technology integrated into most Medeco patented mechanical keyways

MECHANICAL	eCYLINDER	EAC

High security mechanical key-control solutions are ideal:

- Where access is desired 24/7
- When no information about who has entered an area is needed

Loss and liability solutions offer the ability to:

- Quickly (and electronically) change access rights.
- Track historic access information.

Loss and liability solutions are ideal for sensitive areas that don't require real-time access information from conventional EAC but benefit from having access to audit information and the ability to change access rights without mechanical rekeying.

Conventional access control systems offer:

- Real-time access information and updates
- The ability to make immediate changes to access rights when critical

This can be cost-prohibitive for widespread use.

The Medeco Solution

Medeco Logic is a complete electronic locking system providing *Controlled Access, Accountability, Physical Security,* and Effective *System Management.* More than just a way to protect your property, equipment and assets, Medeco Logic is also a business tool that can lead to a substantial return on investment.

The Medeco Logic system provides:

Controlled Access
Keys are electronically programmed to open only specific locks during a designated schedule. Schedules may also contain an expiration point to completely disable the key until it is audited and reprogrammed.

Accountability
Audit information recorded in both the lock and key shows a time- and date-stamped record of every event, including authorized accesses and unauthorized attempts.

Electronic Rekeying & Scheduling
Respond quickly to security threats, lost or stolen keys, or personnel changes without the added cost of changing your locks and keys.

Easy Installation
Medeco Logic key provides all power to the cylinder, eliminating the need for any hard wiring or power supply. Simply remove the existing mechanical cylinder and install the Medeco Logic cylinder.

Physical Security
Medeco Logic products add a wide variety of intelligent features without compromising on physical security. Attack-resistant design and tamper-proof features provide strong protection against forced entry.
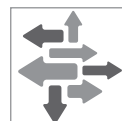
Efficient System Management
Medeco Logic software contains tools that will help you manage your security more efficiently. Flexible programming, scheduled access and full audit reports are offered with the convenience of stand-alone or web-based software.

Unlimited Applications
Medeco Logic cylinders are available to fit nearly any application or hardware type for enhanced security and accountability.

Types of applications...

Facilities
Cost-Effective Control and Accountability

With a wide variety of retrofit products, the Medeco Logic product line is the perfect solution for upgrading your facility. Simply replace the existing mechanical cylinder with a Medeco Logic cylinder to get the benefits of access control without the cost of a hardwired system.

Remote Locations
Secure Remote or Mobile Openings

Security requirements don't end at the main building. Some of the most important areas to secure are often remote locations that are not monitored. Audit records saved in the Medeco Logic cylinders and keys will let you monitor accesses at remote locations, while the electronic scheduling gives you control over timing and key expiration.

SMART SOLUTIONS FOR REAL ISSUES

Costly Rekeying
The Medeco Logic system eliminates the expense of physically rekeying locks and replacing keys. All rekeying is done electronically through the programming of the keys.

Code and Regulatory Requirements
Audit records can identify which employees have accessed sensitive information and when, often providing enough information to comply with new codes and regulations.

After-Hours Access
Electronic scheduling gives you the flexibility to control access around the clock, and both cylinder and key retain records of when all accesses occur.

Inventory Loss
With audit records in both the lock and the key, you can easily identify which employees have accessed storage areas for greater inventory control.

Employee Turnover
Electronic rekeying and remote-access programming lets you respond immediately to personnel changes, even if keys are not returned.

Too Many Keys and No Control
Simplify key control by assigning employees a single electronic key that gives them access to all the locks they need to open.

Lost or Stolen Keys
With electronic scheduling and rekeying, you can respond immediately when keys go missing.

Keys Being Copied
Medeco Logic electronic keys cannot be copied like traditional mechanical keys.

PROFILE NEEDS
- Flexibility
- Speed
- Security
- Control
- Accountability
- Convenience
- Aesthetics
- Affordable

IDEAL APPLICATIONS
- Commercial Facilities
- Data Processing Centers
- Distribution and Warehousing
- Educational
- Industrial and Light Manufacturing
- Local Government
- Outpatient Medical
- Restaurants
- Retail

Overview of System

The perfect system.

SYSTEM ADMINISTRATOR

THE CLOUD

LOCAL
PROGRAMMING
& AUDIT

VIA WALL MOUTNED
OUTDOOR
PROGRAMMING STATION

VIA REMOTE WALL
PROGRAMMING
DEVICE

VIA MOBILE
PROGRAMMING
DEVICE

SCHEDULE   AUDIT DATA

SCHEDULE   AUDIT DATA

SCHEDULE   AUDIT DATA

SCHEDULE   AUDIT DATA

Medeco Logic CLIQ™ as part of Comprehensive Security Strategy

One key…three security solutions.

Medeco BiLevel

Utilizing Medeco's patented key control, BiLevel offers protection from unauthorized key duplication. By retrofitting existing hardware with BiLevel, you can cost-effectively improve your security with the benefits of a reliable, effective patented technology.

Ideal applications:

- Interior doors
- Meeting rooms
- Maintenance and janitorial
- Break rooms/Common areas

Medeco³

Openings requiring higher levels of physical protection can benefit from the Medeco 3 UL437 Listed high security cylinder. This is the ideal solution to gain the highest protection available against physical attack and manipulation.

Ideal applications:

- Perimeter doors
- Valuables storage
- Offices

Medeco³ Logic

Medeco³ Logic merges the flexibility of electronics with reliable mechanical technology and the ability to quickly and easily change access rights. Installs in a matter of minutes and offers auditing and scheduling capabilities to provide accountability, enhancing loss and liability protection.
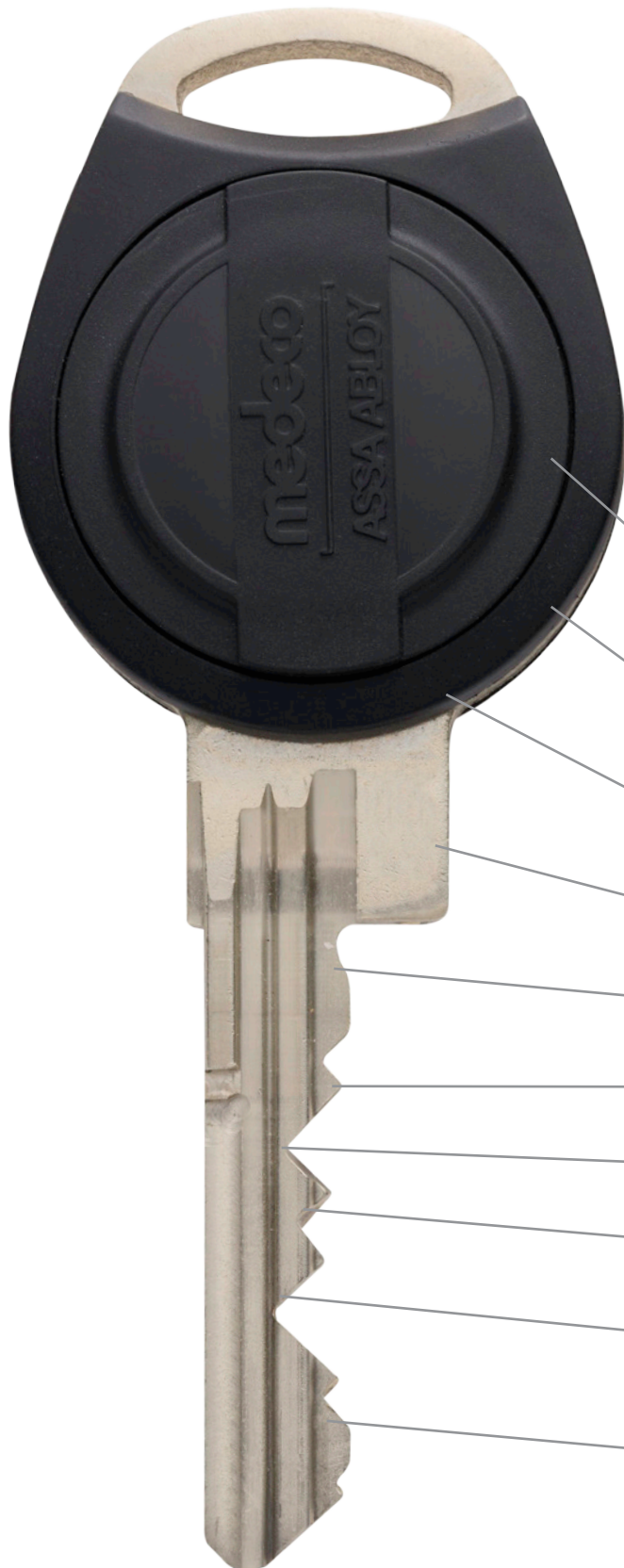
Ideal applications:

- Sensitive records storage
- Employee records
- Financial information
- Controlled substances
- IT server rooms
- Padlock

Key Benefits

Logic Electronic Key

Quick and Low Cost
Battery Replacement

2 year or 20,000
Cycle Battery

Lithium Battery CR2025

Water Resistant

Rated For -22F to 122F

Compact Size

Up To 1,000 Audit Events

Program Permissions/Schedules
To Either Key Or Cylinder

Patented Key Control

Mechanical and
Electronic Security

Cylinder Benefits

Logic eCylinder

LEFT TO RIGHT: MORTISE, KIK

Program Permissions/Schedules To Either Key Or Cylinder

Up To 750 Audit Events

No Wiring Required

Program 1,000 Authorized Keys

Combines Mechanical and Electronic Security

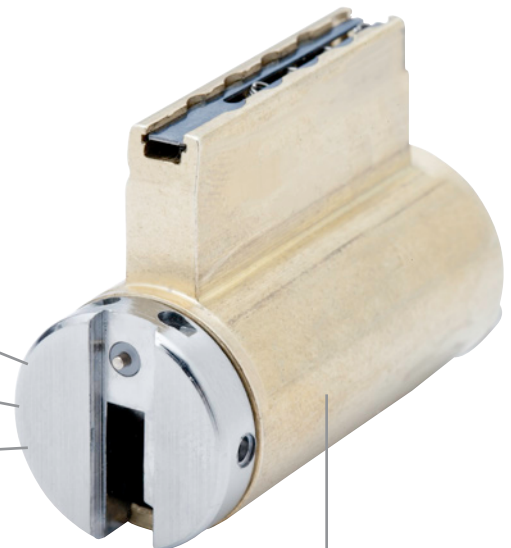Fits Narrow Stile Doors

No Additional Door Hardware Required

No Door Hardware Modifications Required

Easy To Maintain Power Free Cylinders

Installs In Minutes

Available In Most Standard Finishes

KIK, Rim, and Mortise Styles

System Installation & Components

Simple Installation

- No other hardware required
- No hardware modifications
- Leverage existing hardware
- Maintain fire ratings
- Significant cost savings
- Every system custom produced

Accessories

Key Programmer

- Remote Key Programming with fully IP addressable Wall Programmers and Bluetooth enabled Mobile Programmers

![CLIQ™] Software System Management

Medeco Logic software lets you program keys to control who has access, what they have access to and when they have access. Programming may allow 24-hour access or be limited to a specified time schedule. Keys can also be programmed to expire at a specific time and date and no longer operate any locks on the system until they are reprogrammed.

System Setup

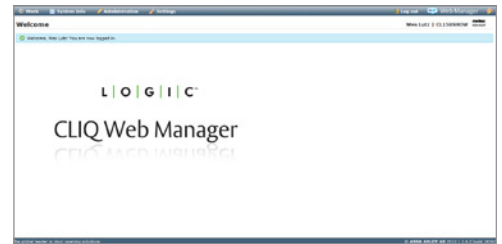### Assign keys to specific key holders
- Authorized users can access only selected cylinders
- All audit events are stored in both the cylinders and the keys

Schedule keys with specified validity time windows
- Select which cylinders or groups of cylinders may be accessed
- Schedule days and times when cylinders may be accessed and when keys will expire
- Utilize key validation windows to insure timely audit retrievals and enhanced key control
- Access Profile feature enables quick and easy bulk programming and access changes

Issue keys
- Customized Hand Out and Hand In receipts
- Remote enabled keys can be issued, or even shipped to key holder, without any access to openings to be later obtained by Remote Programmers

System Management

Eliminate the cost of re-keying mechanical locks
- Key audit information is obtained during remote updating, including the time, date and location of every access and unauthorized attempted access
- Key is reprogrammed with a new schedule, including any changes that may have been made to access rights
- Lost or stolen keys can be listed "unauthorized" at the cylinder
- Utilization of remote programmers with timely validation periods enhances key control to eliminate re-keying requirements

Create reports to show all access activities
- Customize reports to view the data that is important
- Analyze access routines
- Identify and address suspicious activities

Modify access schedules based on knowledge from audit reports
- Create new schedules and access privileges for better security and efficiency
- New schedule will automatically be sent to the key the next time the key is audited / programmed

ASSA ABLOY is the global
leader in door opening solutions,
dedicated to satisfying
end-user needs for security,
safety and convenience.

ASSA ABLOY

MEDECO U.S.:   3625 Alleghany Drive
P.O. Box 3075
Salem, Virginia 24153-0330
Customer Service:
1-800-839-3157

MEDECO Canada: 160 Four Valley Drive
Vaughan, Ontario L4K 2T
Customer Service:
1-888-633-3264

Founded in 1968 and based in Salem, Va., Medeco is a market leader in mechanical and electronic locks and locking systems for security, safety and control. The company's customer base includes wholesale and retail security providers; original equipment manufacturers; and institutional, commercial, industrial and residential end users.

ASSA ABLOY, the global leader
in door opening solutions

medeco®

ASSA ABLOY

LT-922143-10