

# Medeco XT

Electronic Control, Accountability, Security

ASSA ABLOY, the global leader  
in door opening solutions

medeco®  
ASSA ABLOY



# Medeco Security Locks

## A History of High Security and Innovation

### 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.

**1968** Medeco sets a new standard for high security with the invention and patent of the unique Medeco technology

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**1985** Medeco raises the high security standard again with the introduction and patent of Medeco BiLevel technology

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**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

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**2000** Medeco Nexgen electronic cylinders take cash collections to a new level of security and accountability

**2003** The Medeco<sup>3</sup> 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** Logic eCylinder offers a simple path to upgrade mechanical locks, adding electronic scheduling and audit

**2010** Medec Logic (CLIQ) technology integrated into most Medeco patented mechanical key ways

**2010** Medeco XT expands the Medeco eCylinder line, including retrofit cylinder for Small Format Interchangeable Core applications



# The Medeco Solution

Medeco XT is a pure electronic master key system providing Controlled Access, Accountability, Physical Security and effective System Management. More than just a way to protect your property, equipment and assets, Medeco XT is also a business tool that can lead to a substantial return on investment.



## THE MEDECO XT 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 XT keys provide 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 XT cylinder.



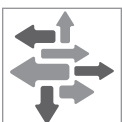
### Physical Security

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

# One Smart System, Unlimited Applications

The Medeco XT system is ideal for bringing access-control functionality to a wide variety of applications. As a simple cylinder retrofit, there is no need for costly modification or hard wiring, making it flexible enough for facilities and remote installations.

## Facilities

### Cost-Effective Control and Accountability

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



## Storage and Displays

### Ideal for Tough Installations

The most valuable items are often stored in the most difficult places to secure, making key management an essential tool in loss prevention. The Medeco XT system provides simple key management through access control, scheduling and auditing capabilities



## Remote Locations

### Secure Remote or Mobile Openings

Security goes beyond the physical foundation. Remote locations are important areas to secure and are oftentimes not monitored. Audit records saved in the Medeco XT 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 XT 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 identify which employees have accessed sensitive information and when, providing enough information to comply with codes and regulations.

### After-Hours Access

Electronic scheduling allows the flexibility to control access around the clock, and both cylinder and key retain records of when all accesses occur.

### Inventory Loss

Audit records in both the lock and the key provides easy identification of which employees have accessed or attempted to access openings; allowing for greater inventory control.

### Employee Turnover

Electronic rekeying and remote access programming allows for immediate response 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 grants access to all locks that need to be opened.

### Lost or Stolen Keys

Electronic scheduling and rekeying allows for immediate response to when keys go missing.

### Keys Being Copied

Medeco XT electronic keys cannot be copied like traditional mechanical keys.

## Route Management

### Track Collection and Service Activities

With electronic route scheduling and customizable exception reporting, Medeco XT becomes a powerful management tool for route-based vending or parking businesses. Beyond securing revenue and assets, Medeco XT software creates time-stamped records so you will always know who access the meter and when.



## OEM and Custom Products

### Enhance Value with Sophisticated Features

Medeco XT into your product can be a powerful way to add value and satisfy end-user security concerns. Medeco XT products are available in a wide variety of standard and custom designs for endless OEM applications. In some applications the Medeco XT software can be integrated into a host program for a seamless means of scheduling and tracking access.



# Medeco XT System Management

Medeco XT 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 to no longer operate any locks on the system until they are reprogrammed.

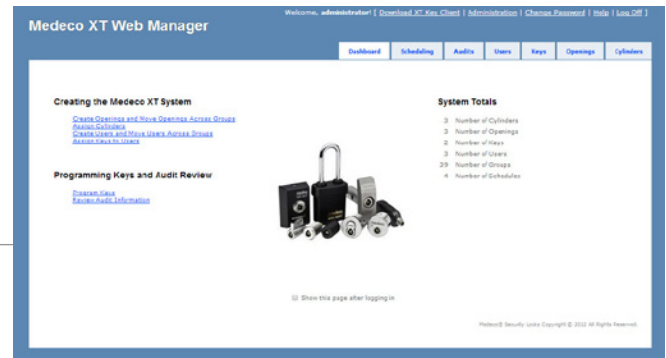
## System Setup

### 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 to operate and expire at specific times

- Select which cylinders or groups of cylinders may be accessed
- Schedule days and times when cylinders may be accessed and when keys will expire



## Electronic Rekeying

### Eliminate the cost of re-keying mechanical locks

- Reprogram keys electronically when keys are lost or stolen
- Keys can be reprogrammed as Unauthorized in cases of employee turnover where key is not returned.
- Key is reprogrammed with a new schedule, including any changes that may have been made to access rights

## System Management

### Create reports to show all access activities

- All audit information is obtained from the key and/or cylinder, including the time, date and location of every access and unauthorized attempted access
- 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 / synchronized
- Auditing and reprogramming can be done with local, remote and unattended programming devices
- If necessary, cylinders may also be programmed with an “unauthorized key list” in order to block lost keys

# Superior Technology

## Software Options

Medeco XT can be managed with both PC-based and Web-based software, depending on specific needs.

## Product specifications

### Cylinder Features

- No wiring required — all power provided by the key
- Indoor/Outdoor use — stainless-steel shell construction
- 2,000 audit events
- Unauthorized key list
- Variety of cylinder formats

### Key Features

- Small, robust electronic key with stainless-steel housing
- All programming done at the key
- Key holds operating and expiration schedule
- Control Key is used for SFIC core removal
- Rechargeable battery, up to 1,500 openings per charge
- Access: 5,000 cylinders maximum
- Audit: 5,000 events maximum
- Stand-alone, network, and WEB programming options



## Accessories

### Key Charger

- Charge from PC, wall or vehicle using standard USB cable
- Connects to PC USB port using standard micro USB cable

### Multi Key Charger

- Charging Station charges up to 10 Medeco XT keys simultaneously

### Key Programmer

- Programs and charges the key
- Connects to PC USB port using standard micro USB cable



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

**ASSA ABLOY**

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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.

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