



medeco®

ASSA ABLOY

# K-12 APPLICATION GUIDELINES

EDUCATION SECURITY SOLUTIONS

## ABOUT MEDECO

Medeco Security Locks is a recognized leader in key system security. For nearly 50 years facility managers have trusted Medeco to provide products and tools to ensure ongoing key system security. In recognition of recent events in our nation's K-12 schools, it is more important than ever that school administrators understand the strengths – and limitations – of the keying technologies they employ, and understand the importance of incorporating a comprehensive keying strategy into any hardware changes. Overlooking this critical element can put students and educators at risk if access is available to persons with mischievous, or worse, malicious intent.

School administrators have a responsibility to ensure that their school keying system meets basic security requirements, and can use these guidelines as part of an overall security strategy.

## BASIC KEY POLICY GUIDELINES

- ✔ **Keys should only be given to employees** with a legitimate reason for entering the school, and records should be kept of all key-holders.
- ✔ **All keys and keyblanks should be accounted for**, noting any that are lost, stolen, etc. Lost keys require either immediate rekey or, if electronic keying is used, immediate removal of the key from the system (preferred method).
- ✔ **Key systems should have a valid utility patent** in order to protect against unauthorized duplication. Without a patent, even with “do not duplicate” on the key, unauthorized duplication can occur.
- ✔ **Key systems should be capable of providing audit** for compliance to various state and federal requirements on sensitive areas such as student records, medical supplies, testing rooms and others.
- ✔ **Any EAC opening should utilize override cylinders** and keys capable of providing audit data.

## APPROPRIATE SECURITY DIFFERS BY AREA:

### LEVEL 0



#### UNCONTROLLED ACCESS

Inappropriate for school environment. Unpatented or mismanaged key systems, even if marked “Do not duplicate.”

**Product Recommendation:**  
Not Recommended

### LEVEL 1



#### CONTROLLED UNLIMITED ACCESS

Protected and high security keys used to prevent unauthorized duplication or surreptitious entry.

**Product Recommendation:**  
Medeco<sup>3</sup> Bilevel or X4

### LEVEL 2



#### LIMITED & DYNAMIC ACCESS

eCylinders with key holder access privileges set to expire weekly to minimize liability.

**Product Recommendation:**  
Medeco eCylinders

### LEVEL 3



#### LOCKDOWN CAPABLE

Traditional EAC with eCylinder override for access audit data integrity.

**Product Recommendation:**  
EAC with eCylinder override

## THE MEDECO ECYLINDER SOLUTION

Medeco eCylinders are a complete electronic locking system providing Controlled Access, Accountability, Physical Security, and System Management. More than just a way to protect your facility, eCylinders are a business tool that can lead to a substantial return on investment.

**Controlled Access** - Keys are electronically programmed to open only specific locks during a designated schedule.

**Accountability** - Audit information recorded in both the lock and key showing authorized accesses and unauthorized attempts.

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

**Easy Installation** - eCylinders do not require any hard wiring or power supply. Simply remove the mechanical cylinder and install the eCylinder.

**Physical Security** - Attack-resistant design and tamper-proof features provide strong protection against forced entry.

**Efficient System Management** - Flexible programming, scheduled access and full audit reports are offered with the convenience of stand-alone or web-based software.



## THE MEDECO<sup>3</sup> SOLUTION

Medeco<sup>3</sup> High Security Cylinders feature UL437 Listed physical strength components like the triple locking technology for ultimate pick resistance and solid brass construction with strategically placed hardened inserts to thwart drilling attacks.

Passing UL437 and BHMA's rigid testing procedures reaffirms Medeco<sup>3</sup>'s ability to protect people and property. Medeco<sup>3</sup> builds on Medeco's history of lock engineering innovation and takes security to the next level while still offering the highest level of protection against unauthorized key duplication.



## THE MEDECO X4 SOLUTION

All facilities need patented key control to effectively secure exterior and interior openings. This strength of integrity allows security managers to have piece of mind when it comes to managing the system. Unfortunately, instituting a new key system is not always easy....or economical.

Medeco X4 is the most economic and efficient solution. Medeco X4 has one of the largest master key capabilities on the market. This allows facility managers to tie everything together under one key for ease, convenience and efficiency. Additionally, Medeco X4 easily retrofits into existing systems so installation time is minimal.

Medeco X4 is the perfect security upgrade for small format interchangeable core (SFIC) installations for Best-style, Prox and iClass systems. In addition to SFIC cylinders, Medeco X4 is available in many other styles of retrofit cylinders and can be keyed into a single system.

