

*eCylinders are uniquely designed to solve
the often overlooked security vulnerabilities
in today's educational environments*



Medeco eCylinder Solutions

School Security — One Door at a Time

ASSA ABLOY, The global leader in door opening solutions

medeco[®]
HIGH SECURITY LOCKS

ASSA ABLOY

OVERLOOKED AREAS OF VULNERABILITY IN A SCHOOL



MECHANICAL

eCYLINDER

EAC

High Security mechanical key-control solutions are ideal:

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

Loss and Liability solutions offer the ability to:

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

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

Conventional access control systems offer:

- Real-time access information and updates.
- Allow for immediate changes to access rights when critical.

This can be cost-prohibitive for widespread use.

1

PROTECT CONFIDENTIAL STUDENT RECORDS

FERPA requires schools to closely control access to records including medical and academic files. These are often located at various areas of a school that are not easily secured. Audit information can be helpful to eliminate liability should information loss occur.

- Control access to sensitive student records.
- Audit the cylinder or individual keys to monitor activity.

2

SECURE COMPUTER AND STORAGE LABS

Being able to secure computer lab equipment has never been more critical for schools, both during and after hours. Medeco eCylinders can let you issue each department leader a key with an audit trail that allows self-management of sensitive equipment. It's a system that cuts risks without sacrificing access to important learning tools.

- Improve loss prevention of expensive computer and audio/visual equipment.
- Reduce liability of unauthorized access to machines.
- Reduce manpower needed to monitor access.

3

MAXIMIZE SECURITY AT OFF-SITE LOCATIONS: STORAGE, ATHLETIC AND MECHANICAL

Securing storage facilities in a school is often difficult, but vital. The audit capabilities of Medeco eCylinders means you can manage maintenance programs while keeping necessary access to equipment under control. When an eCylinder key is lost or stolen, cylinders can be programmed to deny that key authorized access providing an ideal solution for securing electronic control circuits and other vital areas.

- Reduce loss of stolen sports or other school property stored on or offsite.
- Minimize potential safety risks in mechanical rooms – can also be helpful in monitoring maintenance programs.
- Control and monitor access to offsite locations without expensive wiring and installation.



4

CONTROL TESTING AREAS

Storing test materials requires special security – especially for government-mandated tests. Medeco eCylinders provide a system that is easy to administer and monitor. You'll have complete control over who is authorized to enter and a record of all who access the areas.

- Control and monitor access to local, state and federal testing materials.
- Reduce liability and increase integrity of tests by ensuring no illicit information is copied or distributed.

5

RESTRICT FACILITY ACCESS

When you need to be able to quickly limit access to all or part of your facility, the timeframe for funding can take years, leaving you vulnerable in the meantime. Medeco eCylinders can easily provide you with an audit where you need it, while you wait for bond money to become available. If you choose to transition to a conventional access control solution, eCylinders can be re-deployed to areas where real-time monitoring or lockdown would not be required.

- Quickly respond to security auditing needs.
- Flexible control of areas to be secured.
- eCylinders are easily moved to other locations if needed.

6

OVERALL BENEFITS

- Fast access right changes via electronic programming.
- Audit trails for increased accountability.
- Custom schedules for varied needs.
- No wiring, door or frame modifications.
- Fit nearly any opening or application.
- Significant installation time/cost savings.





ECYLINDERS LIMIT TORONTO SCHOOL LIABILITY

Schools with external, portable class rooms face unique security issues, especially when the primary building must remain locked at all times. Giving students a mechanical key to access the main building poses risk of loss or theft of the key, which can result in a security breach and the inconvenience of rekey. To solve this problem, Andre Moore, Maintenance Team Leader of Toronto District Schools in Canada, installed Logic on the main entrance adjacent to the portable class rooms. If a student entering the main building during class time loses or steals a key, Andre can reprogram the cylinder instantly, minimizing the risk of future use of the missing key. The scheduling feature offers peace of mind. Andre programs each key, limiting access to Monday-Friday, 8am-5pm.

LOSS AND LIABILITY CONTROL WITHIN BUDGET

A public school system in Michigan needed scheduling and audit features on their exterior doors, but needed to work within a specific budget. Compared to the cost of a hardwired access control system, Logic was the ideal solution. It fit within their budget while having the capability to create dynamic access rights and retrofit into their existing system.



IMPORTANT LEGAL GUIDELINES

According to [Family Education Rights and Privacy Act \(FERPA\)](#), as well as [HIPAA](#), schools are required to ensure that teachers and administrators are given access to student records only when necessary. Institutions are encouraged to audit access to all sensitive material to ensure that these regulations are followed. Failure to comply could result in fines from the auditing agencies.

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