



Solutions

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In addition to telling you about what's happening at Medeco, this issue focuses on medical facility security. You will hear about a new invention for rehabilitation facilities and how Hybrid Cylinders are helping medical buildings. Throughout the rest of 2009, look for special features on retail security and cyber security as it relates to physical security.

Hybrid Cylinder and Keys in Healthcare

Hybrid cylinders and keys are a natural way to extend the benefits of the widespread use of HID PROX technology in health care facilities. Within most health care facilities, there are areas that have evolved since the construction of the facility, often as a result of new services and/or new medical technology being offered. Many times these areas require restricted access, but retrofitting an access control system can be cost prohibitive. Hybrid cylinders retrofit directly into existing mortise or rim hardware and offer auditing and scheduling for a fraction of the cost of a conventional system. The innovative Hybrid key can also be used instead of a PROX card for doors with a conventional PROX reader installed and still operate Medeco mechanical cylinders. Using new technology to save money and extend functionality is just what the doctor ordered!



For more information about Hybrid, [click here](#).

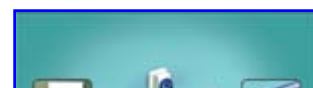
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Total Lock and Security Finds Solution for Medical Facility

Rehabilitation and mental health facilities now have an additional method of protecting patients. The Door Switch™ patented system from Total Lock and Security in St. Louis, Missouri is an innovative solution to sustain a safe and respectful environment for residents. It provides a distinctive alert solution to enhance in-room resident safety at a critical time.

How it Works

In mental care facilities, in-room hallway and bathroom doors can pose a threat for those who may be considering self-harming



activities. The Door Switch™ system includes a sensor on top of the door which notifies staff of a potential harmful act. A dedicated alarm immediately sounds and a strobe light located above the patient room to corridor door is activated to alert the staff if tampering or pressure occurs on the sensor. Exact room and door location are sent to a nearby control panel, indicating whether the alert is from a corridor doorway or an interior restroom doorway. Staff is then able to respond to the room in question immediately to determine the cause of The Door Switch™ alarm and to reset the system. There is a key activated switch with a Medeco high security cylinder to provide means of resetting the alarm. This prevents unauthorized users from tampering with The Door Switch™ alarm. This process allows for the unique marriage of automated, time stamped monitoring and staff supervision. Click the image to enlarge it.



Within the system, a monitoring panel gives staff an instant audit trail identifying the location and exact time of the activated switch for quick and accurate response.

Benefits to Rehabilitation and Mental Health Facilities

The Door Switch™, used in conjunction with Medeco high security cylinders, provides stellar protection of the patients within this type of healthcare facility. Specifically, The Door Switch™:

1. Improves supervision and response time
2. Has a concealed design, which enhances the appearance of facilities
3. Fits most doors for seamless installation
4. Has a tamper-resistant design
5. Enhances dignity and respect, because it will not interrupt the privacy of patients
6. Time stamped response monitoring

For more information about The Door Switch™, visit http://www.thedoorswitch.com/Home_Page.html or contact Gidget Fogerty, President of Total Lock and Security, at gidget.fogerty@totallock.com or 314-298-3433.

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Tech Notes

Lubricating Medeco Mechanical Cylinders

Medeco recommends using Medeco KeyLube to lubricate Medeco and KeyMark cylinders. KeyLube is a quick, invasive, and long lasting product that provides lubricity up to ten times longer than other lubricants when used in high-use locking devices. Medeco KeyLube contains an advanced metal treatment which is superior to graphite, PTFE, Silicone, Molybdenum, or Synthetic lubricants.



KeyLube is a unique petroleum based product that, through an electromechanical process, disperses into tight fitting areas, leaving an ultrathin coating on the inside components of Medeco products. KeyLube burrows under condensation and moisture driving it to the surface, which allows it to dry quickly. This also



eliminates oxidation problems. KeyLube utilizes an electromechanical surface bonding technique to eject contaminants by causing a dipole-dipole interaction exchange on metal surfaces. This process creates a greater positive charge on the metal surface which reacts with positively charged airborne contaminants and causes repulsion between the two.

Medeco also recommends two other types of lubricants to use when servicing Medeco and KeyMark cylinders. The two approved lubricants for Medeco products are Sandstrom Poxylube CP-200 Air Drying Solid Film Lubricant Poxylube CP-200 Aerosol can with spray tube and Synco Super Lube Dri-Film Lubricant Super Lube Dri-Film Aerosol can with spray tube. Remember: using any lubricant other than these will void the Medeco cylinder warranty.

No other lubricants should be used with Medeco Key Lube. Locks that are dirty or oily should be cleaned with an electrical contact cleaner, such as the one made by LPS or those available at Radio Shack stores. Extremely dirty or oily locks may have to be completely disassembled as part of the cleaning procedure. It is recommended that only Medeco Factory Certified Locksmiths take apart Medeco and KeyMark cylinders.

How to Lubricate:

1. Shake can well, pointing the white nozzle away from your face.
2. Insert the red plastic spray tube into the end of the white nozzle.
3. Place the red plastic spray tube against the keyhole, and press down on the white nozzle using three, one second bursts of spray.
4. Allow the lubricant to penetrate the cylinder 10 seconds before inserting the key.
5. Wipe the face of the cylinder with a rag if over-spray coats the face of the lock.
6. It is recommended to lubricate or clean the area within the sidebar, which can be located when the plug is at rest (locked). Debris can build-up in this area and can cause intermittent operation or a lockout. To clean this area, insert key and turn 90 degrees clockwise. Using the red plastic spray tube, spray lubricant into the keyway as close as you can to the top shoulder of the key.

This will lubricate and clean the sidebar slot located on the inside surface of the shell where the sidebar slot is milled (Figure 3). How often should a cylinder be lubricated? Frequency of lubrication depends on location of the cylinder, weather conditions, and amount of use. A lock installed on an interior door that is only used a couple times a day should be lubricated once a year. A lock installed on the exterior entrance door of an apartment with several hundred tenants and freezing weather conditions should be lubricated at least four times a year or anytime the key is difficult to insert or turn.



Figure 3

Even if you live in a moist environment, KeyLube is the right lubricant. The reason why is KeyLube lubricant aggressively displaces moistures, and leaves a micro-thin, dirt repelling, protective coating to guard against corrosive elements making your cylinder last longer. Sometimes KeyLube lubricant has a wet feel. Many "wet" lubricants do attract dirt or dust, or become gummy over time. KeyLube is a unique petroleum based product that disperses

quickly, leaving an ultrathin, non-gummy film on the metal surfaces for long lasting lubricity. Because of the unique nature of the product, this film actually repels dirt unlike many other lubricants.

You can even use KeyLube lubricant on installed locks that may have other lubricants in them. KeyLube lubricant has been tested with most of the common lubricants used today by locksmiths, including the original KeyLube lubricants. In all of our tests, KeyLube provided superior lubrication regardless of whether or not other lubricants were introduced. Medeco KeyLube is designed to lengthen the life of the cylinder by keeping it clean and in good working order.

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Medeco Spotlight

Crime Prevention Officers in Montana Benefit from Training and Educational Resource Kit



The National Crime Prevention Association (NCPA), an affiliate of the National Crime Prevention Council, conducted a training class in Bozeman, MT on the campus of Montana State University May 18 – 22, 2009. The 26 participants mainly consisted of law enforcement and criminal justice agencies across Montana. To read more about this and other NCPA news, go to [http://www.medeco.com/solutions/download/NCPA Newsletter - June 2009](http://www.medeco.com/solutions/download/NCPA%20Newsletter%20-%20June%202009).

Sandy Deeds Wins “People Making a Difference” Award

Embracing change can be difficult for some people, but Sandy Deeds welcomes every chance to try something new. In fact, her position often requires her to plan a leading role in implementing change, including efforts to overhaul the company payroll system that resulted in significant cost savings. Each day she provides service to a diverse group of personnel that all have differing concerns and challenges that need to be solved. Sandy says the skills necessary to complete her job are an ability to be open to new ideas and innovations as well as a desire to take every opportunity to look outside the box to improve efficiency and reduce costs.



These are just a few reasons why we would like to congratulate Sandy Deeds, Payroll Coordinator/Credit Services Representative for Medeco Security Locks, for winning one of ASSA ABLOY Americas’ “People Making a Difference” Awards. This is a peer nominated

honor that goes to ten people annually across the ASSA ABLOY Americas Division. These honorees exemplify the four cornerstones of the Group: Realism, Vision, Courage and Ethics.

Defining Virtually Bump Proof and Virtually Pick Proof on www.medeco.com

As more information is available on the internet, it is easier for us to see some of the marketing materials and claims made by Medeco dealers. Some of the dealer claims go beyond Medeco's own claims, so we wanted to remind everyone of our own position and we've added the definition to [medeco.com](http://www.medeco.com). Any dealer, distributor, or other customer is welcome to use all or part of this text in describing Medeco products.

<http://www.medeco.com/about/virtually>

"The Meaning of "Virtually Bump Proof" and "Virtually Pick Proof"

In recognition of the fact that no lock is truly impenetrable, Medeco does not promote its products using absolute terms such as "bump proof" or "pick proof." Instead, it is Medeco's policy to refer to its products as "virtually bump proof" or "virtually pick proof." The definition of virtually is "nearly, but not absolutely." In Medeco's view, it is inappropriate for any security provider to use categorical terms such as "impervious" "impenetrable" "bump proof" or "pick proof" when describing a lock. With enough time, enough knowledge, specialized tools, and maybe some random luck, any lock could potentially be compromised. Consequently, Medeco suggests using the terms "virtually bump proof" or "virtually pick proof" rather than the absolute terms "bump proof" or "pick proof" which are terms we do not recommend or endorse for use when describing the security of a Medeco high security cylinder.

We believe that consumers are aware that highly trained technicians with proper tools and education can open most types of locks or cylinders, and that using such categorical terms serves to undermine rather than enhance the reputation of our excellent products. Ultimately, the most compelling and conclusive statements about Medeco products are not the promotional statements made by Medeco or its dealers, but the certifications and ratings awarded by various independent testing agencies. Medeco high security cylinders are rated at the highest levels of high security by independent and scientific test laboratories from around the world whose job it is to test objectively for high security. Repeatedly, Medeco has performed at the highest levels and continues to receive the highest certifications. These certifications provide independent verification of the performance of the various products. If you have any questions regarding the appropriate terms to be used to describe the security of any Medeco product, please contact Medeco Technical Services at 1-800-839-3157.

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Offer: Arrow Revolution

The New Arrow Revolution stand alone touch screen lock combines the functional elements of a cylindrical lockset with the latest technological designed for electronic aesthetic. Dealers will benefit by providing an up-to-date technological solution that is also quick and easy to install.

Users benefit from a simple interaction with the lock through a voice guided touch keypad, making day-to-day use and programming easy. The Revolution is recommended for healthcare facilities, offices, retail environments, multi-family, hospitality, government facilities, as well as K-12 school



environments. It provides a traffic control solution for areas requiring restricted access. If necessary, both users and user groups can be easily locked out by the administrator. This feature provides a quick lockout option in case of a security concern. To protect against unauthorized access of the Revolution with a key, the cylinder may be upgraded to a Medeco3 high security or KeyMark x4 key control cylinder to protect against unauthorized access with a key.



Contact Mary Lee Runstedler at Medeco Canada (mrunstedler@medeco.com) to register to be notified when this product becomes available!! To Learn more visit www.arrowlock.com

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Calendar of Events

August 2009

13-15 ALOA, Las Vegas, NV
20-22 Interline Brands, Orlando, FL

September 2009

15 Museum Security, Quebec City, QC Canada
15 Retail Loss Prevention Conference, Toronto, ON Canada
21-23 ASIS, Anaheim, CA

October 2009

9 Intermountain Lock Show, Salt Lake City, UT
17 PLAA, Red Deer, Alberta Canada
24-25 Yankee Security, Sturbridge, MA

November 2009

7 Clark Security Show, Baltimore, MD
10-11 Kioskcom, New York, NY
19 Intermountain Lock Show, Las Vegas, NV

Click [here](#) for our trade show calendar.

Contact us with Questions or Comments:

Medeco US Door Security 800-839-3157
Medeco Canada 888-MEDECO4
Medeco Industrial Security 888-633-3261
Medeco Export 540-380-1603

Quick Links to Medeco

[Contact Us](#)
www.Medeco.com

If there are others within your company that you would like to have added to our list, please feel free to forward this message, or go to www.medeco.com to submit their name and

email addresses. You may also contact Mary Lee Runstedler at mrunstedler@medeco.com.

Medeco Solutions is a **bi-monthly** publication of Medeco Security Locks. While we hope that you find it useful and informative, unsubscribe information is included below. Please let us know if you are not seeing the type of information that you would find helpful - along with suggestions of what we should include.

The medeco.com web site is constantly updated with information on new products as well as exciting events that Medeco is involved with. Click here to sign up for an automatic update when significant changes have been added to the site. Just as with Solutions, a link is always included to allow you to "opt out" of the updates at any time.

Thanks for your subscription!