

Traffic Cabinet Solutions

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ASSA ABLOY

Safety and Accountability with Intelligent Key Systems

Experience a safer and more open world



ECONOLITE

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Problems in Traffic Control

- **Key Control**
The majority of ITS cabinets use a mechanical “#2 key,” which can be obtained without authorization from many sources, even online. These keys are uncontrolled, easily duplicated, and there are thousands in circulation.
- **Traffic Signal Boxes**
Intelligent Traffic System (ITS) controls enable access to city and state networks.
- **Traffic Signals**
Tampering with traffic signals could cause significant traffic disruption and loss of life.
- **Roadside Equipment**
Speed monitors, digital signage and other roadside equipment is exposed to tampering.
- **Accountability**
Currently there is little to no accountability on the majority of our cities’ traffic and ITS infrastructure.



Challenge

In today’s connected world, Intelligent Traffic System (ITS) cabinets that can be found at virtually every intersection are vulnerable to an entire gamut of risk from seemingly harmless vandalism to more malicious physical and cyber-attacks. Used to store and protect complex equipment that controls traffic signals and digital road signage, they are critical for road and highway safety.

With hundreds of thousands of ITS cabinets throughout the country and the potential safety risk of an attack, properly securing these cabinets is an absolute must. Unauthorized entry into an ITS cabinet not only provides access to control connected intersections but could also allow access to the entire network of traffic controllers and camera feeds. In addition, each cabinet has active network connections to state and municipal agencies, putting them at serious risk of cyber-attack.

Despite the fact that physical access to traffic infrastructure can have an immediate and widespread impact, the majority of cabinets are secured with a physical key that could easily be obtained and duplicated.

Solution

The mechanical locks that come standard on these ITS cabinets may not be adequate to protect the critical infrastructure housed within. Thankfully, more robust solutions are available to ensure the security of these vital systems.



Intelligent Key Solutions

XT Intelligent Key Systems eliminate complex components and wiring to enable easy, affordable access control in mission critical applications.

Medeco Intelligent Key Solutions offer a fast, easy and affordable way to upgrade the security of traffic cabinets. Installed in minutes, Intelligent Key Systems eliminate the need for wiring and other expensive infrastructure. They offer a powerful feature set at a much lower cost than traditional electronic access control (EAC) when live monitoring and door alarm features are not required.

- Electronically programmed credentials can open specific locks on a designated schedule by user and can be expired or revoked to meet security needs
- Audit information, recorded in both the lock and key, shows a time- and date-stamped record of every event (authorized and unauthorized)
- Attack-resistant design and tamper-proof features protect against forced entry
- A great add-on to online locks where an uncontrolled mechanical key override is causing a security risk

Advantages

- Easy installation
- Key control
- No wiring required
- Audit trail
- Easy maintenance
- Retrofit capability for almost any opening
- Flexibility for use in remote locations
- Visual data analytics



The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, locks, perimeter fencing, access control and service.

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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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