

Lockout/Tagout

Automated process control for maximum safety

traka
ASSA ABLOY

Having a safe and secure operation goes beyond controlling your buildings and equipment. It also involves regulating the systems and processes that pose potential risk to your personnel. A Lockout/Tagout procedure is designed to protect workers from accidents in potentially hazardous environments, but is primarily a manual process in most organizations, prone to human error and inefficiency.

When service or maintenance work must take place in potentially hazardous areas, Traka's integrated key management systems can ensure that all areas of risk are taken offline, and remain that way until the work is complete. Our automated solutions eliminate the risk of human error involved with the typical Lockout/Tagout processes, thus increasing safety while greatly reducing the downtime associated with these manual procedures.

Benefits to Traka's automated Lockout/Tagout procedure:

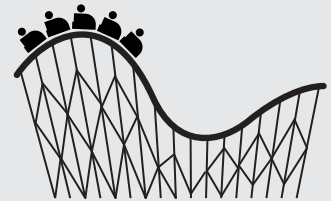
- Adds an automated layer of protection to locking down hazardous energy
- Ensures that all power is off and cannot be reactivated until engineers have completed their work and safely returned their keys or tools
- Only authorized users can access the cabinet and remove keys or tools to power down or reactivate hazardous areas
- Eliminates the risk of human error
- Greatly reduces downtime by efficiently automating a typically manual process
- Can manage personnel shift changes and long-term service projects
- System automatically logs all activity for OSHA-mandated audits



Example Application

Lockout/Tagout process control at theme parks

When maintenance or repair work is required on a ride, any potentially hazardous system needs to be neutralized to allow engineers to safely complete their work order.

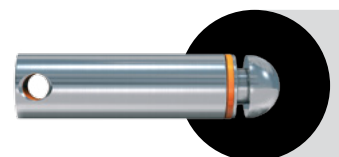


Traka key cabinets are linked to the ride's power source, so that whenever a ride engineer's key is removed from the system, the power is **automatically** deactivated. Each engineer is assigned their own unique key position, and must check out their key prior to commencing any work on the ride. Only when all the engineers' keys are returned to the cabinet is the ride's power **automatically** restored.

In addition to automating this critical process, our solution records every cabinet event of each Lockout instance, providing the comprehensive audit trail needed for OSHA compliance.

Other industries which would benefit greatly from an automated Lockout/Tagout process include manufacturing, petrochemical, energy, mining, agriculture, prisons and many more.

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Intelligent Key and Asset Management



Key Management

- Automated and controlled staff access to authorized keys, which are distributed from a secure, software-controlled cabinet
- Individual staff recognition ensures unique, up-to-the-minute access permissions
- Facilitate needs for temporary deposit solutions or vendor access with strict controls and accountability
- Automatically alert and notify management should a key not be returned on time via email or text
- Integrate with existing access control system to ensure staff cannot leave the facility without first returning their keys
- **Reduce risk by auditing and accounting for every key, every minute of the day**



Asset Management

- Automatically distribute items like laptops, tablets, handheld scanners and other sensitive equipment from a secure, software-controlled locker
- Devices are available 24/7, to authorized staff only
- RFID tagging ensures every device is uniquely identified and managed
- Integrated battery charging ensures devices are always ready for use
- Integrate with existing access control system or other databases to reduce administration and drive processes
- **Staff are individually accountable, resulting in fewer losses, less damage and the need for less inventory - up to 40%**



Tool Management

- Control who has access to tool cabinets and equipment
- Audit tool and equipment usage, always know who has used them and when
- Manage the shared use of tools between staff and contractors, saving on unnecessary duplication and better utilization
- Create a controlled environment, so personnel are fully accountable for the tools they use
- **Set recalibration and service intervals, so tools are properly maintained**



Fleet Management

- Reduce risk by preventing unlicensed staff from accessing fleet vehicles
- Ensure vehicles are readily available when required
- Measure fleet efficiency through vehicle usage, mileage, fuel and service reporting
- Vehicle defects reported by a user can generate alerts and quarantine vehicles to improve safety and streamline maintenance
- **Significantly reduce fleet maintenance costs through increased accountability**

Traka systems can be seamlessly integrated with your existing access control system for the ultimate asset management solution.



SOFTWARE HOUSE



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