

Active Access Control Battery Powered Padlocks



	AP3 PADLOCK	BATTERY-FREE LOCKS
Security Anonymity in access events	Batteries allow the AP3 padlock to validate, store and report identity of authorized users without having to depend on mobile devices.	Battery-free locks must depend on the mobile application to identify and report the identity of authorized users.
	Example: Identity of authorized users accessing a lock is maintained and reported even when users uninstall the mobile application after they have opened a lock in offline mode.	Example: Identity of authorized users is lost if users access a lock in offline mode and then delete the mobile application from its mobile device.
Data Integrity Audit trails you can trust	The AP3 padlock can actively monitor its integrated sensors to detect and report access events with accuracy.	Battery-free locks cannot provide reliable audit trails of its access events as they cannot actively monitor its status.
	Example: AP3 padlocks always provides reliable audit trails of open and close access events, without having to depend on users or mobile devices.	Example: Users are expected to manually report if their access event was an open or a close event. This means that Administrators must trust users' report to determine if a site is secured.
Redundancy Reliable for Critical Infrastructure	The AP3 padlock provides a secure method to operate during service interruptions and natural disasters, and even without a mobile device.	Battery-free locks do not offer a redundant mechanism to operate during service interruptions and natural disasters. They also require a mobile device to operate.
	Example: AP3 padlocks can be opened with secured 4-digit access codes that are entered with the button of the padlock, and without having to use a mobile device. These access codes rotate periodically for security and can be generated during service interruptions and natural disasters.	Example: Battery-free padlocks cannot be opened without mobile devices. Access is also not possible if a digital key cannot not be assigned due to a service interruption, even if the user has a mobile device available.
Operational Efficiency Efficient deployment and maintenance	The AP3 padlock can be dynamically activated, configured and updated on the field - and without additionally hardware, which greatly simplifies and optimizes deployment and maintenance.	Battery-free locks cannot support over-the-air upgrades without additional hardware, which increases the cost and complexity of deployment and maintenance.
	Example: Customers can deploy AP3 padlocks without having to program/configure them. Administrators can dynamically customize AP3 padlocks without having to interact with them physically.	Example: Battery-free locks need to be initialized and configured with a programmer that requires separate hardware, which increases cost and time to deploy and maintain the solution.