Vehicle Barrier Sequencing Systems

Engineering the Future of Secure Access

The Technical Edge

Universal Hardware Integration

Don't be locked into a single manufacturer. Our systems are designed to interface seamlessly with virtually every barrier manufacturer in the world. We provide the brain; you choose the muscle—be it wedges, bollards, sliding gates, or crash-rated arms.

Lightning-Resilient Fiber Optic Architecture

Perimeter security is most vulnerable during severe weather. Standard copper wiring acts as a conduit for lightning surges, often frying control boards when they are needed the most. Our system utilizes fiber-optic communication and isolation relays for decoupling sensitive logic from field hardware to ensure 24/7/365 trouble-free uptime.

The "Failure to Secure" (FTS) Protocol

Time is the enemy of security. Our system tracks every movement. If a barrier fails to reach its limit switch or an auto-close timer is interrupted, a Failure to Secure alarm is triggered to instantly notify security before a vulnerability can be exploited.

Multi-Location Coordinated Command

Centralize your security. Teronus Logic allows for the coordinated control of multiple access points from various remote locations. Operators gain a "bird's-eye view" of every gate status, with the ability to trigger a total facility lockdown at the touch of a button.

Mission-Critical Applications

National Security & Defense

- Military Bases & Embassies: Enforce strict "Trap-and-Release" (Sally Port) protocols for vehicle inspections without compromising throughput.
- Government Buildings: Coordinate perimeter wedges and arm barriers to protect sensitive infrastructure from unauthorized access.

Global Infrastructure & Logistics

- Airports & Cargo Facilities: Manage heavy-flow entry points while ensuring TSA and FAA compliance through automated logging and sequencing.
- Data Centers: Protect the physical layer of the digital world with redundant systems that prioritize "Fail-Secure" logic above all else.

Enterprise & Industry

- Industrial Facilities: Safeguard hazardous materials and high-value assets with automated entry/exit sequences that reduce human error.
- Corporate Campuses: Provide a seamless entry experience for authorized personnel while maintaining an elite security posture.

TERONUS®

Contact us today for a site-specific Sequence of Operations (SOO) design.
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