Application Note: PRD-IO

Automated Perimeter Security & Access Control

The Challenge

Managing remote access points is traditionally complex and costly. The main challenges include:

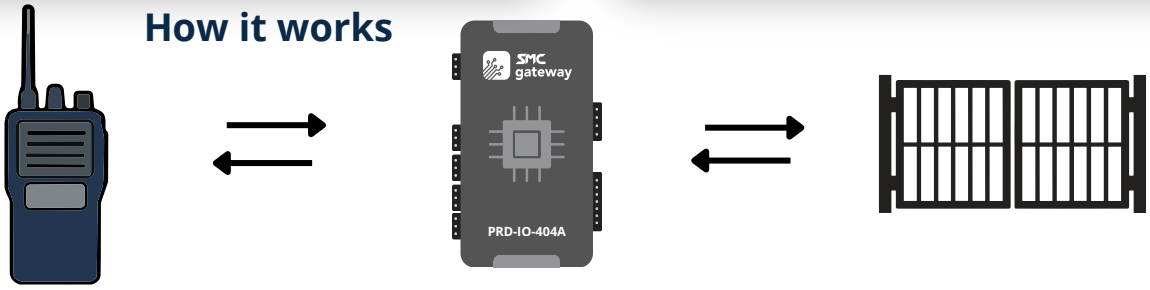
- Tech Gap: Security teams carry radios, but lack direct control over physical access points.
- High Infrastructure Costs: Remote access usually requires extensive wiring, separate software, or physical guardhouses.
- Blind Spots: Dispatchers lack the real-time visibility to verify if a gate has been left open or forced.

The Solution

The PRD-IO connects your existing radio network directly to your physical perimeter. By installing the unit at the access point, you get:

- Direct Radio Control: Staff can operate and monitor gates straight from their handsets.
- Lower Costs: Eliminates the need for expensive trenching or secondary control systems.
- Simplified Access: Removes the hassle of managing separate fobs or access cards.

How it works



REMOTE TRIGGER
(Guard sends "Gate 1 Open" text)

PRD-IO INTERFACE
(Triggers relay & monitors sensors)

VERIFIED STATUS
(Unit replies back "Gate 1 Open Verified")



End User Benefits

- Single Device Control
- Eliminates Blind Spots
- Rapid Incident Response
- No Recurring Costs