



**PROTECTION®**

**BALLISTIC / BLAST / BREAK-IN**



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## SMART BALLISTIC PERIMETERS®

### UL LEVELS 1-10 COMPLIANCE:

- **UL Level 8, 5" Thick Standard Wall:** Capable of withstanding multiple hits from a 7.62mm NATO M80 rifle, typically fired from military-grade weapons. This level of protection is suitable for environments where high-powered rifles are a primary threat.
- **UL Level 9, 8" Thick XL Wall:** Designed to resist multiple shots from a .30-06 Springfield rifle with armor-piercing bullets (A.P. M2). This is essential for sites facing more advanced ballistic threats.
- **UL Level 10, 10" Thick Max Wall:** Offers the highest level of ballistic protection, capable of withstanding multiple hits from a .50 caliber rifle (BMG). This level is crucial for the most secure facilities, where the threat of heavy-caliber firearms is a concern.

### ASTM 2781-60 FORCED ENTRY PROTECTION:

- **Forced Entry Resistance:** The perimeter walls are designed to comply with ASTM F2781-60, a standard that specifies the requirements for forced entry-resistant barriers. This ensures that the walls can withstand attempts at unauthorized access through physical force, including battering, cutting, and prying.

### SMART INTEGRATION:

- **Embedded Sensors:** The "smart" aspect of these perimeter walls involves the integration of sensors and monitoring systems. These sensors can detect impacts, vibrations, and other signs of tampering, providing real-time alerts to security personnel.
- **Surveillance Integration:** The walls can be integrated with CCTV cameras, motion detectors, and other surveillance technologies to create a fully monitored perimeter. This allows for immediate response to any detected threats or breaches.
- **Automated Responses:** When a threat is detected, the system can trigger automated responses, such as locking down access points, activating alarms, and notifying law enforcement or security teams.
- **Integrated Column Design:** Designed in collaboration with integration partner Convergent, this features a top mount T-bracket which minimizes needs for internal trenching, concrete pads, and poles.
  - Power and communication cable can run through above ground conduits enclosure-to-enclosure on the secure side of the columns, meaning no perimeter trenching necessary.
  - **OR** power and communication cable can be run through below ground conduits under the wall itself in trenching during time of construction.
- **T-brackets can be used to mount security and non-security elements:**
  - **External Side Security Elements:**
    - PTZ cameras
    - 180° cameras
    - Thermal cameras
    - Radar
    - Talk down speakers
    - Multi-color status LEDs
  - **Internal Side Security Elements:**
    - Ballistic detection microphones
    - 180° cameras
    - Fixed cameras
    - Lidar
  - **Non-Security Elements:**
    - Site Lighting
    - External condition monitoring
    - Internal condition monitoring

INTEGRATION PARTNER

**convergent®**