

Ameristar Perimeter Security

Power Utility Technical Overview



Effective physical security starts at the perimeter, where threats are deterred, detected, and delayed. Ameristar Perimeter Security designs, manufactures, and integrates engineered perimeter protection systems for critical infrastructure.

We partner with utilities, energy providers, engineering firms, and security consultants to develop layered perimeter protection strategies tailored to each site's unique risks and operational requirements. By evaluating threat profiles, regulatory obligations, and facility needs, Ameristar delivers engineered solutions that support security, compliance, and long-term performance.



Product Systems Portfolio

Our solutions include, but are not limited to:

› High-Security Fencing Systems

Welded steel palisade-style and mesh systems engineered for anti-climb, anti-cut, and visibility requirements, with configurable heights, toppings (e.g., barbed wire, razor ribbon), and coatings for corrosion resistance.

› Technology Integration Posts (ITPs)

Modular or custom posts engineered to support cameras, lighting, access control devices, intercoms, and detection hardware. Designed for internal cable management, environmental protection, and structural integrity.

› Vehicle Access Control & Anti-Ram Systems

Fixed and active bollards, wedge barriers, and beam barriers designed to mitigate vehicle-borne threats. Systems can be specified to meet defined impact ratings and integrated with access control and safety systems.

› Barrier & Gate Systems

High-security sliding, swing, and cantilever gate systems designed for controlled entry points, with options for automation, redundancy, and fail-safe operations.

› Animal Mitigation Solutions

Barrier enhancements designed to prevent wildlife intrusion that may impact reliability or safety in substations and energy facilities.

› Ballistic-Resistant Barriers

Engineered panel and enclosure systems providing ballistic protection for critical assets, control houses, or personnel areas.



Project Delivery & Technical Support

As part of the ASSA ABLOY Energy & Critical Infrastructure team, Ameristar provides comprehensive project lifecycle support, including:

- Site assessment and perimeter risk analysis
- Design collaboration and specification development
- CAD/BIM support and engineering documentation
- Budgetary and final system pricing
- Installation coordination and project management support
- Post-installation support and system optimization

Engineering Capabilities & System Integration

Ameristar provides engineered systems designed to meet specific security performance criteria, including:

- Forced-entry delay ratings
- Anti-climb and anti-cut resistance
- Vehicle impact mitigation (ASTM/FEMA/DoS alignment where applicable)
- Ballistic protection (NIJ/UL levels)
- Environmental and site-specific hardening

Our systems are designed to integrate seamlessly with access control, intrusion detection systems (IDS), video surveillance platforms, and emerging technologies such as fiber-optic sensing and smart perimeter monitoring.

Our objective is to deliver scalable, standards-aligned perimeter security solutions that strengthen resilience, support compliance, and reduce operational risk. We begin with a technical discovery session to review project requirements and security objectives and, when needed, conduct site assessments to validate conditions and refine recommendations.



Critical Infrastructure

Physical security for your facility has become a necessity. Ameristar's innovative high security fencing solutions give you peace of mind.

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