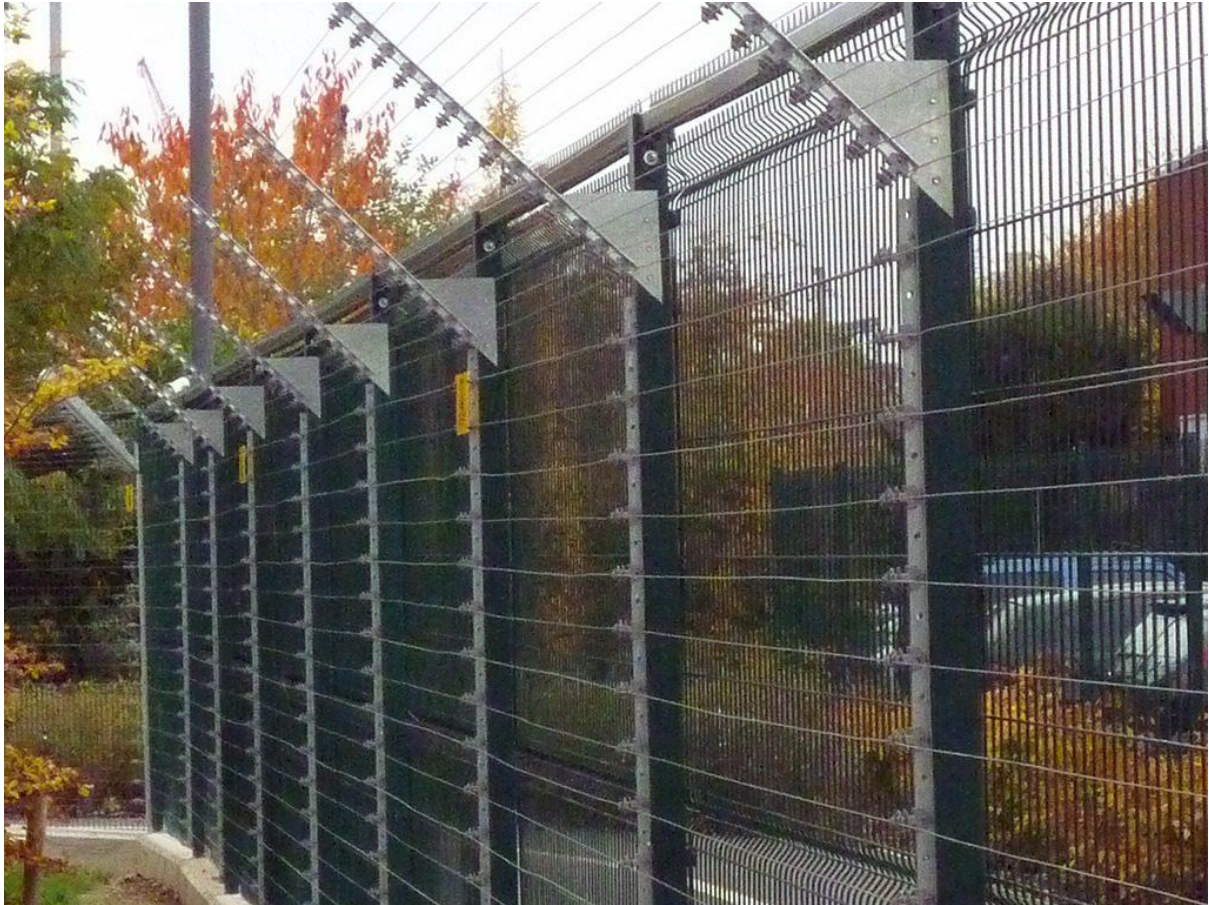


**MODERN ELECTROCUTED BARBED-WIRE FENCE WITH INTEGRATED INTRUSION  
DETECTION AND PREVENTION SYSTEMS (IDPS)**

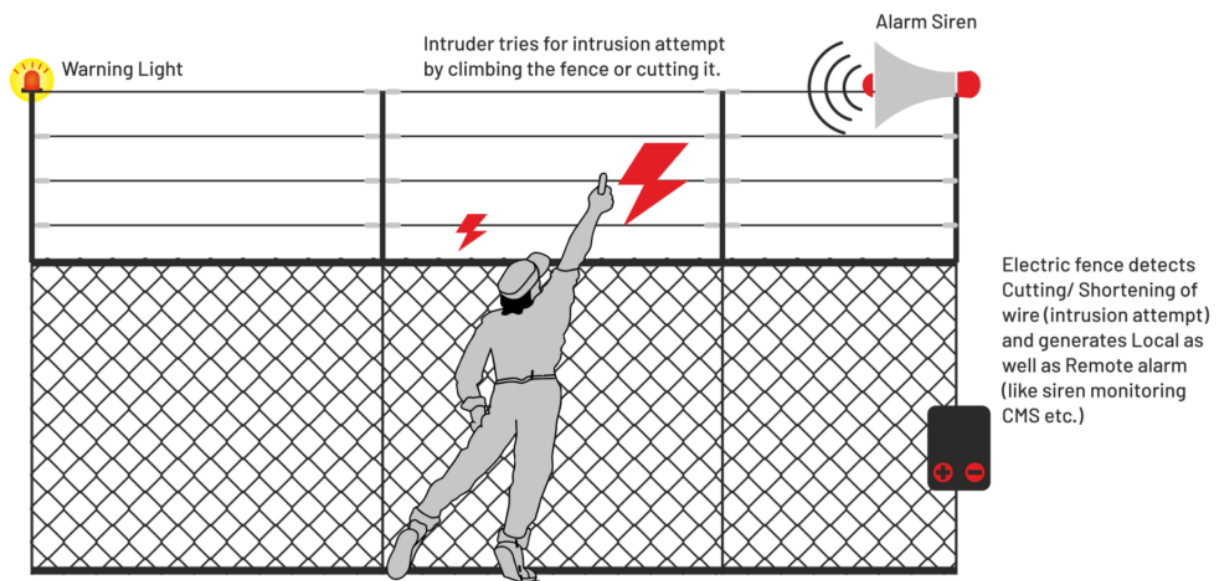












## OVERVIEW

In today's security-conscious environment, perimeter protection is a top priority for industrial facilities, corporate campuses, residential estates, and government properties. The **Modern Electrocuted Barbed-Wire Fence with an Integrated Intrusion Detection and Prevention System (IDPS)** combines physical deterrence with intelligent electronic surveillance, providing a robust, scalable, and proactive solution to perimeter security.

## SYSTEM DESCRIPTION

This system is a **high-voltage electrified fencing solution** layered over barbed-wire strands and embedded with smart intrusion detection technologies. It functions both as a **physical barrier** and a **real-time electronic detection system** capable of deterring, detecting, and responding to unauthorized perimeter breaches.

## CORE COMPONENTS

### 1. Electrified Barbed-Wire Fence

- **Construction:** Galvanized steel posts and high-tensile barbed wires
- **Electrification:** High-voltage pulses (typically 7,000–10,000 volts) with low current to deter intruders without posing lethal harm
- **Zoning:** Configurable fence zones for granular monitoring and control

### 2. Intrusion Detection System (IDS)

- **Vibration Sensors:** Detect physical tampering, cutting, climbing, or tension changes in the wire



- **Motion Sensors:** Identify suspicious movement near or on the fence
- **Fence Displacement Alarms:** Trigger alerts when structural shifts or unauthorized movements are detected
- **Video Surveillance Integration:** IP cameras with night vision and auto-tracking for incident verification

### 3. Intrusion Prevention System (IPS)

- **Automated Response Protocols:** Alarm sirens, strobe lights, automated lockdowns
- **Remote and Local Access Control:** Integration with electronic gates and barriers
- **Intelligent Threat Analysis:** AI-based software distinguishes between real threats and false alarms (e.g., animals, weather)




### 4. Control and Monitoring Centre

- **Centralized Dashboard:** Unified view of all fence zones, alarms, and device status
- **Event Logging:** Historical data storage for analysis and auditing
- **Mobile Alerts:** SMS, app notifications, or email alerts to security personnel in real time

### 5. Power and Backup Systems

- **Primary Power Supply:** AC connection with surge protection
- **Solar Power Option:** For remote or off-grid installations
- **Backup Batteries:** Ensure operation during outages for up to 72 hours

## KEY FEATURES & BENEFITS

-  **24/7 Real-Time Perimeter Monitoring**
-  **Strong Visual and Physical Deterrent**
-  **Early Breach Detection and Instant Alert Mechanisms**
-  **Minimal False Alarms with Intelligent Filtering**
-  **Remote Monitoring via Mobile or Desktop Platforms**
-  **Customizable for Different Terrain and Site Sizes**
-  **Regulatory Compliant and Environmentally Safe**

## APPLICATIONS

- Oil & Gas Facilities
- Military & Government Compounds
- Data Centres and Communication Hubs
- Warehouses and Distribution Centres
- Airports and Transport Terminals
- Gated Estates and High-Security Residential Zones
- Agricultural and Livestock Protection Areas

## INSTALLATION AND MAINTENANCE

Our certified engineers conduct:

- Site Surveys and Risk Assessments
- Custom Design and Planning
- Professional Installation with Minimal Disruption
- Regular Preventive Maintenance & Support Services
- On-site Training for Security Personnel

## WHY CHOOSE US?

With a proven track record in deploying high-performance security systems, we ensure:

- **Scalability** tailored to your property size
- **Local and remote support**
- **Durable materials for long-term reliability**
- **Advanced AI integrations** for superior threat detection

## CONTACT US