



• Guard Tower®

• Zap Fence®



# Perimeter Security

Solving Perimeter Security Challenges

Zareba Security develops and manufactures electronic fence systems and detection devices for perimeter security that deter, detect and/or delay intrusions or escapes. With over 60 years in electronic fence systems, Zareba has a strong track record in designing and building reliable, cost-effective solutions.

Zareba Security customizes perimeter fence solutions that affordably meet each installation's security requirements. We offer the Guard Tower™ taut wire system, ZAP Fence™ NLEF system, photo beam and fence cable sensors, along with the integrated monitoring systems and control cabinets.

To alert you to any breaches of the fence or barrier, Zareba will work with you to combine alarms, lethal or non-lethal shock capabilities, sensors and integrated monitoring to meet your exact needs for protection.

The **GUARD TOWER®** perimeter security system is the ultimate choice for an integrated, multi-mode sensor barrier that accurately pinpoints intrusions to within 10 feet.

The **ZAP FENCE®** anti-penetration system is an affordable, high-security non-lethal electric fence (NLEF) that effectively deters intrusions with a short, safe shock.

## GUARD TOWER PERIMETER SECURITY SYSTEM

The patented Guard Tower security system is the only multi-mode sensor barrier of its kind. The system identifies the point of intrusion to within 10 feet, sending an alarm to a central security control monitors while simultaneously directing surveillance cameras to the point of intrusion for instant video verification.

The Guard Tower system adapts to changes in the landscape and terrain as well as adapts to a variety of mounting requirements. It can be retro-fit to existing perimeter barriers that need enhancement, used as an outrigger only, or as a complete standalone system.

- Detects wire deflection in any direction
- Integrates with CCTV surveillance systems
- Settings for alarm and/or NLEF modes
- Stand-alone installation or mount on existing structures
- Minimal nuisance and false alarms
- Reduces need for security personnel
- Easy to operate and maintain

## ZAP FENCE ANTI-PENETRATION SYSTEM

The ZAP Fence is a non-lethal electric fence (NLEF) system that combines a barrier, intrusion sensor and shock deterrent to prevent security breaches. It is ideal for correctional or high security installations, as it effectively deters, detects and delays intruders/escapes from getting through the barrier.

The ZAP FENCE security system is capable of protecting and controlling from one to 100-plus zones of varying lengths.

- Effective in hundreds of miles of perimeter applications worldwide
- Tamper-resistant with alternating high voltage and ground wires
- Minimal nuisance and false alarms
- Customize to any zone length or wire array
- Stand-alone installation or mount on existing structures



## GUARD TOWER PERIMETER SECURITY SYSTEM

**Flexible settings depending on the threat**—for any combination of alarm, low voltage or NLEF modes

### *Taut wire mode*

- Detects wire deflection in any direction
- Creates alarm only - no voltage on wire array

### *Low voltage mode (12-volt DC)*

- Detects wire deflection in any direction
- Detects wire that is grounded, cut or touches an adjacent wire
- Creates alarm

### *NLEF high voltage mode (5,000 volts)*

- Detects wire deflection in any direction
- Detects wire that is grounded, cut or touches an adjacent wire
- Detects a “grounded” intruder/escapee touching the wire standing or touching two adjacent wires simultaneously
- Creates alarm and non-lethal shock of 5,000 volts that pulse in 1-second intervals

Note: It can be set as a taut wire only system on the lower wire zones while providing 5,000 volts on the top wire zone

## ZAP FENCE ANTI-PENETRATION SYSTEM

### *System Capabilities*

- One electric fence controller and monitor cards cover up to six zones
- Can be customized to virtually any zone length or wire array

### *Safe and Secure*

- NLEF fence uses 5,000 to 8,000 volts to deter intruders/escapees
- Delivers short duration electrical pulse (less than 3 msec) in 1-second intervals
- NLEF shock is painful, but does not harm animals or humans
- AC powered fence controller with battery backup
- Meets UL 69 or IEC Cenelec 61011 safety standards

## COMPONENTS FOR BARRIER PERIMETER SYSTEMS

**Control Cabinet**—Providing Alarm Monitoring and Pulsed NLEF Voltage.

Zareba Security control cabinets can be configured for specific user requirements and are compatible with any type of sensor. They provide specified zone coverage for alarm monitoring and pulsed voltage in NLEF systems.

### *Easy to Use*

- Manual, automatic or remote control of system
- Simple switching between low and high (NLEF) voltage in response to alarm or scheduled by time of day

### *Control Cabinet Features*

- Communications module with input/ output capabilities
- Monitors up to six zones
- Indoor or outdoor installation with NEMA 3 standard enclosure
- Cabinet door lock and tamper-resistant switches
- Optional modem for web-based remote control
- High voltage fence controllers comply with UL or international safety standards
- AC-powered fence controller includes battery backup

**AMIS™ Alarm Monitoring Integrated System**—state-of-the-art alarm monitoring communication system that is compatible with Zareba barrier systems as well as any sensor or change-of-state device from other vendors.

### *User-Friendly Interface*

- Easy for security personnel to monitor and react to any changes in perimeter conditions
- Color graphic video monitor
- Touch screen technology used with embedded color photographs or engineered drawings

### *Flexible, Reliable Data Output*

- Digital data communicated on highly intelligent, modular input/output assemblies
- Provides digital and analog data for closed circuit TV (CCTV) or other security systems
- Expands to any input/output requirements
- Secure, interference-free, reliable fiber optic cabling used for communication links
- Change-of-state archiving and reporting include date, time, zone and more