

SafeBorder

National Land Border Surveillance, Control and Protection



The Challenge

Drug trafficking, smuggling illegal cross-border immigration, and international terrorism are on the rise, presenting a challenge to law enforcement agencies.

National borders are the frontline of defense against these growing threats, and are often both the first and last line of defense.

These borderlines, frequently located in remote and unpopulated areas, with diverse and harsh topographical and environmental conditions, present a demanding challenge and require expert and experienced system design and implementation for their protection.

The Solution

The ELSEC SafeBorder security solution is a custom tailored design comprised of advanced all-weather technologies, integrated into one seamless command and control environment, thus enabling the monitoring and control of remote and extensive national borderlines.

We offer a turnkey solution, tailor-designed to meet the specific operational needs, topographical environment and potential threats facing your country.

Our SafeBorder solution utilizes advanced electronic sensors and mobile observation platforms, capable of detecting illegal border penetration attempts and diligently tracking suspicious movements.



SafeBorder

Towards Safe and Controlled Borders



Advantages

- Extensive experience in system design and implementation
- Solutions based on proven military technologies and operational know-how
- Multiple in-house subsystems from a leading global defense group
- Global presence with local experienced partners
- Customer-focused solution
- Seamless integration and solution execution
- Guaranteed life cycle support

System Description

Land-based observation posts:

- Human detection radar
- Long-range thermal imaging
- Long-range video surveillance
- Laser range finder
- Electronic alarm sensing fence
- Underground seismic movement sensors
- Reconnaissance airship platforms
- Onsite, regional and national hierarchal command and control centers (C² / C⁴i)
- Mobile surveillance vehicles
- Mini unmanned airborne vehicles
- Mobile contingency command semi-trailer
- Interface and data transmission to border patrol forces
- Redundant architecture with critical system operational availability



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