



CZECH
DEFENCE SOLUTIONS
BORDER & CRITICAL INFRASTRUCTURE SECURITY

ELECTRONIC BORDER SECURITY

Electronic border security systems are primarily aimed at reducing illegal immigration and preventing illegal cross-border activities such as narcotics, arms and human trafficking and smuggling. These systems provide a 24/7 solution for protecting large border areas with reliable and cost-effective smart technologies.



*Electronic border security systems produced by **EVPÚ Defence**, **RETIA**, **PRAMACOM-HT** and **Trade FIDES** offer a smart and cost-effective solution for protecting border zones and other large areas.*



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DEFENCE AND SECURITY INDUSTRY ASSOCIATION OF THE CZECH REPUBLIC

WWW.DSIA.PUBLI.CZ



EVPÚ DEFENCE

EVPÚ Defence
www.evpudefence.com



ELECTRO-OPTICAL SURVEILLANCE SYSTEMS

- Complete and reliable surveillance solutions for border zones, coastal areas, airports, vessel traffic monitoring etc.
- Simultaneous detection, evaluation and tracking of multiple targets over long distances
- System range performance up to 28 km
- Day/night cameras, thermal imaging cameras, LRF, radars, searchlights and/or various optical sensors can be integrated to create a customised solution for individual customers

SURVEILLANCE AND MONITORING VANS

- Detection of intruders, vehicles and other objects of interest in adverse weather conditions and difficult terrain over a distance of up to 25 km
- Rapid response and cost-effective prevention of illegal activities



PRAMACOM-HT

www.infrared.cz

FLEXNET - Comprising a toolbox of wireless, battery-powered Unattended Ground Sensors (UGS) and cameras, Flexnet is a rapidly deployable system for detection, classification and identification of threats, regardless of the situation or environment.



Protecting terrestrial borders against illegal activities and movements of people is essential to homeland security. When fences and cameras cannot be installed, the Flexnet solution allows to monitor specific points of interests. Sensors and cameras deployed along the border line communicate together in a selfhealing wireless mesh network.

The system can be monitored and operated by multiple users from a large operation centre, but also through a small handheld device.

When a sensor detects a movement, police officers are immediately notified.

- Smart detection can filter wild animals, recognize single person from a group of people or direction of movement.
- Extreme long battery life up to 90 days
- Silent hard-detectable MESH communication network



RETIA
www.retia.eu



RADAR REGUARD

- ReGuard radar is a multi-role 3D radar for the detection and tracking of ground targets and slow low-flying targets with a small radar cross section (LSS) simultaneously
- Instrumental range up to 18 km and elevation coverage 3 km
- X Band 3D AESA (active electronically scanned array) technology with steering in both elevation and azimuth
- Suitable for both civil and military use
- High resistance to adverse climatic influences
- Mobile or stationary configuration
- Deployment time under 10 minutes
- Unmanned/remote control capability
- 24/7 Operation capability



Trade FIDES

www.fides.cz/en

MARC LATIS and Graphic Extension

- LATIS is certified as MARC meeting the ČSN 50518 standard and graphic extension for I&HAS systems
- Integration platform for alarm, camera, perimeter and third-party products with ability to connect various systems into a single environment for their control
- Visualization in map materials and accurate location of detectors
- Intuitive and easy control supplemented with guide of all actions
- Integration with centralized protection centres of the Police of the Czech Republic

ACS and I&HAS ASSET

- ASSET is certified for ACS and I&HAS up to level 4 according to NBU
- Individual solutions to measure and customizations with regard to the customer's requirements and possibilities
- Detectors usage and functionalities expansion of third-party products as perimeter systems, camera systems, etc.
- Integration with centralized protection centres of the Police of the Czech Republic

PZL

- Transmission devices used to connect security and alarm systems to MARC LATIS or centralized protection centres of the Police of the Czech Republic

