



INTEGRATED BORDER SURVEILLANCE SYSTEM

Satellite & drone border surveillance system for continuous monitoring. Saves costs by leveraging state-of-the-art affordable technology. Easy operations, launch & maintenance thanks to the TRULY software platform.

- Satellite imagery provides regular big picture overview to detect vehicles, movement or activity in border regions
- Once detected, drones from their stations are deployed to hotspots, identified threats or most critical border regions
- Once mission completed, all data is uploaded into TRULY platform to analyze together with satellite imagery

SCALE

UP



SCALABLE SOLUTION

- Free, commercial or proprietary satellite imagery is used for long-term border monitoring via TRULY software
- Drone surveillance can be directly controlled by a pilot or planned via operation software
- Once the mission is completed, all data is uploaded into the TRULY platform to analyze together with satellite imagery
- More drones, communication nodes and satellites increase cost-efficiency, coverage and capability for border monitoring
- For border protection, the system can be upgraded by adding autonomous high-speed assault and kamikaze drones

UNIQUE DETECTION CAPABILITIES

- Satellite: 80+ proprietary algorithms to detect and identify vehicles, vessels, aircraft or specific activity from satellite imagery in TRULY platform
- Satellite: Integration of AIS data and radar/optical satellite imagery to detect dark ships
- Drone: Full HD TV Sensor (30x optical & 5x digital zoom) and LWIR Thermal sensor (5x optical & 8x digital zoom) on 2-axis gyro
- Drone: Detection, Recognition & Identification of human & vehicles at 22/6/2.5 km & 22/12/6 km
- Drone: Moving target tracking, scene tracking, video, geo-pointing, picture-in-picture



VTOL 320

- Up to 350km range, max speed 38 m/s, endurance 240 minutes, day and night imaging sensor
- Quick to deploy and vertically launched in 10 minutes from 2x2m area with easy maintenance & cost
- VTOL drone can be directly controlled via LoS radio for up to 100km, via BVLOS or autonomously fly planned flight paths



TRAP SATELLITE

- Very high resolution electro-optical satellite TRAP provides 0.7m GSD resolution for military applications
- The satellite generates satellite imagery worth more than 10 million EUR per year
- Affordable solution for an independent surveillance capability to save costs from procuring commercial imagery



TRL SPACE

TRL Space Systems s.r.o.
Bauerova 491/10, 603 00, Brno, Czech Republic
IČ: 034 67 112, DIČ CZ 034 67 112
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www.trlspace.com



LinkedIn 

www.trlspace.com



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