

## **ProTrack Ltd. – About Us**

ProTrack is a software company founded in 1998, developing Computer Vision, Video Content Analytics and Video Anchoring technologies and applications.

ProTrack focuses on the military, defense and civilian markets, and its main customers are integrators and manufacturers. Additionally, the company sells directly to the IDF and Israeli MOD.

ProTrack also cooperates with entrepreneurs and is involved in several cutting-edge projects.

All of ProTrack's capabilities operate in real-time and are operationally deployed internationally for a variety of uses spanning from international border protection and intelligence to train safety and agriculture.

ProTrack's capabilities include:

- No-GPS Navigation for Airborne Platforms
- Ground and air Video Anchoring
- Ground and air Geo-Positioning
- Video Motion Detection (VMD) for ground-based/airborne, daytime/nighttime, scanning/static cameras
- VMD on water
- Video Stabilization
- Video Enhancements
- Fog and haze penetration for CCD cameras
- Automatic Object Tracking for ground-based and airborne cameras
- Map-anchored panorama and mosaic production for ground-based and airborne cameras
- Object classification using Deep Learning
- Smoke Detection for standard daytime cameras
- Video Management system with advanced analytics

The company's products are globally unique and some are unrivaled since they are designed to work with difficult-to-process video achieved from harsh outdoors conditions, taken with scanning and moving cameras while in motion, in any place, time and weather.

Additionally, ProTrack's ground and air Geo-Positioning (extracting precise map coordinated from real-time video) and No-GPS Navigation capabilities are world-leading in processing speed and accuracy.

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Some examples for uses:

- No-GPS navigation for UAVs
- Border defense
- Airfield defense
- Perimeter security (critical infrastructure, naval ports, offices, bases, homes, agricultural farms, etc.)
- Terrain Dominance
- Long/Short range surveillance
- Drone defense
- Smart City applications
- Highway Control
- Suspicious objects detection
- Theft detection and loss prevention
- Parking control
- Fire early detection
- Maritime traffic control and port security
- Terrain Dominance
- Fast aerial mapping
- Railroad integrity
- Farm/warehouse security
- Crop health control

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