

SW ReCAS

Command & Control Software for Integrated Air and Ground Surveillance

SW ReCAS is a modular Command and Control (C2) software solution designed to integrate surveillance sensors, effectors, and external systems into a single operational picture.

One Common Operational Picture

SW ReCAS consolidates information from multiple sensors and systems into a unified operator interface, enabling faster and more informed decision-making.

BENEFITS

- Unified Command & Control Environment
- Multi-Sensor Data Fusion
- Integrated Counter-UAS Operations
- Modular Architecture Supporting Third-Party System Integration
- Scalable Architecture for Single-Site and Multi-Site Deployments
- Real-Time Situational Awareness

Detect | Assess | Decide | Act

RETIA

retia.eu

Integrated RETIA products

SW ReCAS can operate as the central command layer for RETIA solutions including:



Detection

- **ReGUARD** - 3D short-range radar providing reliable detection and tracking of drone targets.
- **ReSCAN omni/df** - RF-based detection and direction finding of drone communication signals.



Identification & Tracking

- **ReCAM Vision** - Autonomous EO/IR camera system for visual verification and tracking.



Neutralization

- **ReJAMM df/omni** - High-performance drone jammer for targeted countermeasures.
- **ReMIKAZE** - Autonomous interceptor with configurable human oversight (HITL/HOTL).

Built for Modern Security Challenges

Today's operational environment requires seamless cooperation between sensors, operators, and effectors. SW ReCAS delivers a unified platform capable of managing complex missions across multiple domains.

CORE CAPABILITIES

- **Sensor Integration** - Connects and manages radars, passive sensors, electro-optical systems, acoustic sensors, RF detectors, and other surveillance assets.
- **Track Management** - Provides Track Management, Data Correlation and Operator Decision Support, giving operators a clear and actionable operational picture.
- **Counter-UAS Operations** - Supports drone detection, classification, tracking, and coordinated response using integrated effectors.
- **Decision Support** - Advanced visualization tools assist operators in evaluating threats and selecting the most appropriate response.
- **Mission Coordination** - Enables efficient communication and coordination between command centres, mobile units, and external stakeholders.



TYPICAL APPLICATIONS

- Counter-UAS Operations
- Air Surveillance
- Border Protection
- Military Base Protection
- Critical Infrastructure Security
- Mobile Surveillance Systems
- Force Protection Missions

Why SW ReCAS?

One platform. Multiple sensors and effectors. Faster decisions.

SW ReCAS transforms disconnected surveillance assets into a coordinated operational ecosystem, helping operators detect threats earlier, react faster, and maintain control in demanding environments.

