# TACTICAL C2 PLATFORM, ADVANCED COMMAND, CONTROL, AND SENSOR SYSTEM

## The Tactical C2 Platform

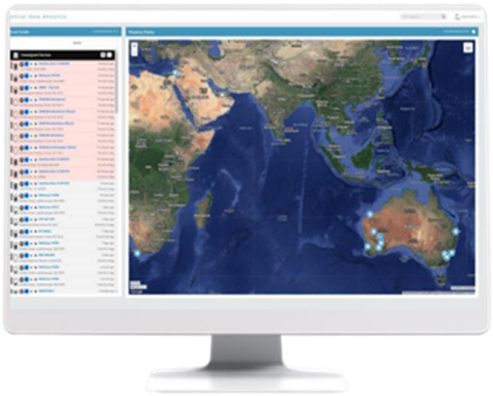
**The Tactical C2 Platform, is KeyOptions' advanced Command, Control, and Sensor (C2S) system designed to unify and operationalise tactical intelligence in real time.** It serves as the backbone for multi-domain operations, fusing diverse data sources such as radio frequency (RF) signals, IMSI/IMEI technical intelligence (TACINT), satellite feeds, encrypted video, and historical trend analysis into a cohesive battlefield or operational view.

The platform is designed for real-time visualisation, analysis, and action on raw sensor data, supporting features such as threat reporting, asset protection monitoring, and response evaluation.

## C2 Reporting Engine

Our C2 includes capabilities for generating detailed reports, archiving alerts, logging effector activities, and integrating with external systems like databases for historical data or AI for predictive analytics. **The platform is where our raw sensor data is visualised, analysed, and acted upon in real time.** It supports the generation of detailed reports on threats, asset protection status, and response efficacy, with features like track history, alert archiving, and effector logs, to facilitate after-action reviews or compliance auditing.

Our C2 Incorporates Purpose-built 2D & 3D Reporting Suite



Example Of The Tactical C2 Platform.

## Command, Control Sensors With Analysis

Our C2 system is designed to unify and operationalise tactical intelligence in real time.

Deployable via cloud or hardened on-premises infrastructure, the platform integrates sensors and effectors to support detect, analyse, predict, and influence workflows.

### The C2 system is tailored for:

- ✓ **Defence**
- ✓ **Law Enforcement**
- ✓ **Critical Infrastructure Protection**
- ✓ **Special Operations**

Providing scalable, mission-ready capabilities.

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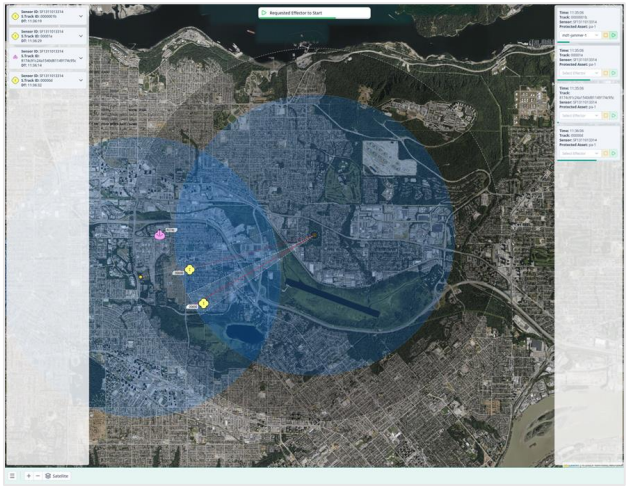
## The Tactical C2 Platform

Real-time display of sensor tracks using NATO-standard iconography for location, type, classification, and heading, categorised into geolocated (precise GPS points) and bearing tracks (with range and azimuth error indicators).

## Unique Capabilities

Example Screen From The C2 Platform.



- ✓ **Threat Detection and Classification:** Detects and classifies over 490 drone types and controllers, including DJI and RemoteID, with multi-layered sensors (RF, EO/IR, radar, passive multispectral).
- ✓ **Response and Mitigation:** Supports RF jamming (omni-directional/directional), GPS spoofing, and kinetic interception via effectors like E-Ceptor for lethal/non-lethal payloads.
- ✓ **SIGINT and TACINT:** Captures and analyses signals from 9 kHz–18 GHz, including IMSI/IMEI cellular data and fake base stations for real-time threat intelligence.
- ✓ **Reporting and Archiving:** Generates detailed reports on threats, asset status, and response efficacy, with track history, alert archiving, and effector logs for after-action reviews or compliance auditing.
- ✓ **Predictive Analytics:** Integrates with AI for forecasting potential breaches and historical data analysis.
- ✓ **Multi-Domain Operations:** Deployable on land, sea, air platforms (e.g., UAVs like Copperhead and Sentinel Jets), USVs, and UGVs for mobile missions.

## Purpose Built Platform

SkyControl purpose-built 2D & 3D reporting software tools for our C-UAS systems, ideal for military, border, and infrastructure protection. It displays detection, tracking, and classifies even the smallest airborne threats.

Example Of The C2 2D Reporting Platform.

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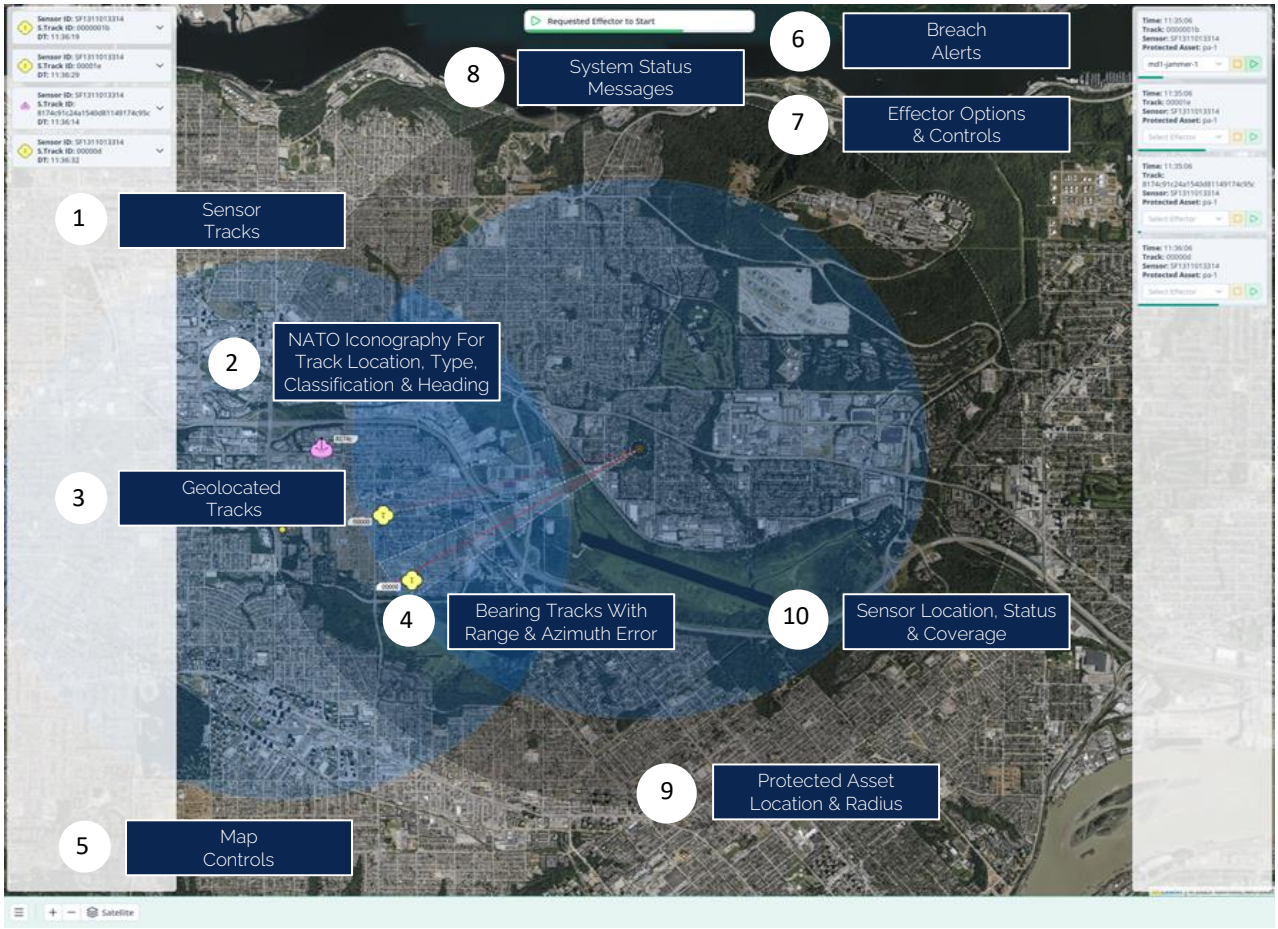


## Reporting Headings

1. On the left side, the **"Sensor Tracks"** panel lists detected entities using NATO iconography for track location, type, classification, and heading.
2. **"NATO iconography for track location, type, classification, and heading"**. This NATO standardisation allows for quick, universal interpretation in multinational C2 operations. Tracks are categorised into **'Geolocated tracks'** and **'Bearing tracks'** as below.
3. **"Geolocated tracks,"** shown as precise points (e.g., yellow icons) on the map, representing targets with confirmed GPS coordinates—ideal for accurate reporting in threat assessments.
4. **"Bearing tracks,"** depicted as lines with range and azimuth error indicators, which account for directional sensor data with potential inaccuracies. These would be used in scenarios where full geolocation isn't available, and the platform might generate probabilistic reports based on error margins.
5. At the bottom left**, "Map controls"** allow zooming, panning, or layering additional data like weather or terrain—enhancing the platform's ability to customise reports with contextual visuals.
6. **"Breach Alerts,"** lists notifications like potential intrusions or violations. This is crucial in C2 contexts for flagging when a tracked entity enters a restricted zone, triggering automated reports or escalations to command personnel.
7. **"Effector Options and controls,"** provides dropdowns for deploying responses—perhaps activating countermeasures, drones, or other effectors. This integrates action logging, where every effector activation generates a timestamped report for post-event analysis or chain-of-command
8. **System status messages",** this would display real-time updates on the overall health of the system—such as connectivity issues, sensor uptime, or operational alerts.
9. A large blue shaded circle representing the **"Protected Asset location and Radius,"** defines a geofenced zone around a critical site (e.g., a facility, vehicle, or area). In C2 reporting, breaches of this radius would auto-generate incident reports, including timestamps, track details, and visual snapshots.
10. **"'Sensor location, status and coverage,"** icons show deployed sensors' positions and their detection ranges (shaded areas). This helps operators report on coverage gaps or sensor failures, ensuring comprehensive situational report.