

IRIS Situational Awareness System

MyDefence's Situational Awareness System revolutionises C-UAS awareness by seamlessly integrating complex data from multiple sources into a modern, intuitive user interface.



Scan to see
all products



VEHICLE
MODE



FULLY TAK
INTEGRATED



DETECTOR AND
JAMMER CONTROL



INTERACTIVE THREAT
REPORTING



OPEN API FOR
3RD PARTY
INTEGRATIONS

Distinctive advantages



FULLY TAK INTEGRATED

Real-time integration with TAK for enhanced situational awareness.



CONTROL OF BOTH SENSORS AND JAMMERS

Manage sensors and jammers for active threat response.



INTERACTIVE THREAT REPORTING

Threat reporting with fully interactive replay of threat information.



SENSOR CORRELATION

Sensor correlation of information from RF sensors, cameras, radars, etc.



Iris - Situational Awareness System

The MyDefence Situational Awareness System, Iris, is a flexible and innovative system designed to meet the demands of modern distributed IT solutions. It provides real-time situational awareness with a focus on counter-UAS operations and is crafted with simplicity in mind for the distracted operator. The solution allows for seamless integration of all MyDefence network products and can incorporate third-party products such as radars, cameras, audio sensors, and jammers to create a multi-layered protection system.

The system offers multiple levels of sensor correlation, providing users with a concise description of each physical threat, ensuring protection through both awareness and mitigation. It provides customisable audio and visual signals, multilayered protection zones with individual levels of warning and alert, and automated workflows like jamming on zone breaches.

Additionally, the MyDefence Situational Awareness System features comprehensive forensics with detailed reports and replays of individual threats, a built-in video management system capable of handling multiple video streams, and a vehicle mode with vehicle-centric display and moving maps. It is interoperable with the TAK ecosystem, acting as both a producer and consumer of Cursor-on-Target messages. The Situational Awareness System is also compliant with the NATO Sapient protocol, making it a robust and versatile solution for modern security needs.



MULTI LAYERED APPROACH

Enables 3rd party integrations of radars, cameras etc.



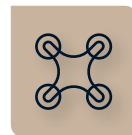
DRONE DETECTION

Situational awareness specific for drone detection



CROSS DEVICE COMMUNICATION

Communicate between MyDefence Wearable, Vehicle and Perimeter products



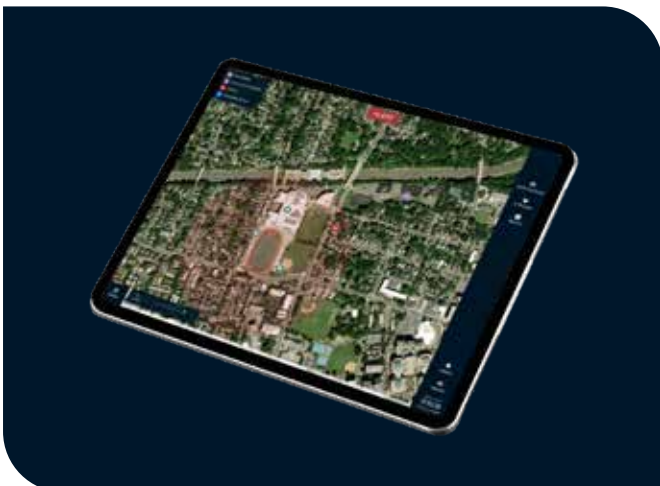
EXTENSIVE DRONE LIBRARY

Enables accurate classification and low false positives



CONTINUOUSLY UPDATED

Enables new features to address constantly evolving threats



Three MyDefence Wolfpacks and Iris display triangulated detection with specific location of drone to safeguard the stadium.



MyDefence's Vehicle Solution, in collaboration with Iris, provides real-time drone detection, alerts, and dynamic on-the-move tracking through the Iris vehicle map.