Fortem SkyDome™

Providing airborne perimeter intrusion protection

FORTEM TECHNOLOGIES

SKYDOME

Real-time UAS intrusion detection solutions

- SkyDome utilizes TrueView's AI-enabled detection and classification technology to provide a complete view of local airspace

- DroneHunter™, a component of SkyDome, is an intelligent and autonomous perimeter safety solution, designed to quickly detect, classify, and provide physical remediation of drones and UAVs approaching the SkyDome protected perimeter

The benefits of living in a drone enabled world are vast; however, the potential security risks and threats are equally daunting. Potential challenges include privacy threats, smuggling, espionage, and even terrorism. Areas such as stadiums, prisons, data-centers, power-plants, our boarders and government buildings are exposed and are potential targets.

Nefarious drones and other unmanned aircraft systems (UAS), represent potential threats to activities such as parades, concerts, sporting events, public and political gatherings, and nearly any other outdoor activity.

Fortem's SkyDome platform of AI-enabled air surveillance services offer an intrusion detection solution that can detect, classify, monitor and if necessary, provide physical remediate of malicious or uncooperative drones. SkyDome is a military proven solution, able to monitor and secure day or night, and in all weather conditions.

Fortem TrueView

TrueView radar technology detects and calculates the location and trajectory of airborne objects up to several kilometers away. It can be fix mounted to vehicles, buildings, or towers, providing up to 360-degree surveillance of the surrounding area. TrueView includes AI-enabled detection, classification and monitoring services, and can track multiple UAS threats simultaneously. TrueView radar is efficient, compact and requires less power than an LED street light.

Fortem DroneHunter™

DroneHunter™ is a family of intelligent aircraft, created for physical remediation of airborne intruders. DroneHunter™ provides autonomous UAS perimeter protection, and is designed to quickly detect, classify, and secure against malicious drones and UAS. When an aerial intruder is discovered, the DroneHunter™ ground control system can assist to provide threat level classification and monitoring. Once deployed, the DroneHunter™ will safely remediate the threat day or night, and at a safe stand−off distance, with no collateral damage.

- Multiple UAS platforms available with onboard autopilot and navigation system
- DroneHunter™ ground control provides real-time integrated alerting, classification and monitoring

SkyDome User Interface + Software

SkyDome's Command Center software provides an easy-to-use graphical interface that allows users to monitor assets from anywhere in the world. Fortem's software platform provides real-time processing, tracking, classification, ground control systems necessary to provide airborne intrusion detection and deliver an immediate safe response to potential threats.

Summary

SkyDome is an airspace intrusion detection platform that can be purchased or offered as a service (PaaS) to ensure safe and secure skies. Fortem's SkyDome, provides real-time air surveillance remediation.

When an airspace intruder is detected, SkyDome's Command Center can provision appropriate response options depending on threat level.

Response options include intruder alerts and deploy a DroneHunter™ for swift and autonomous physical remediation.