



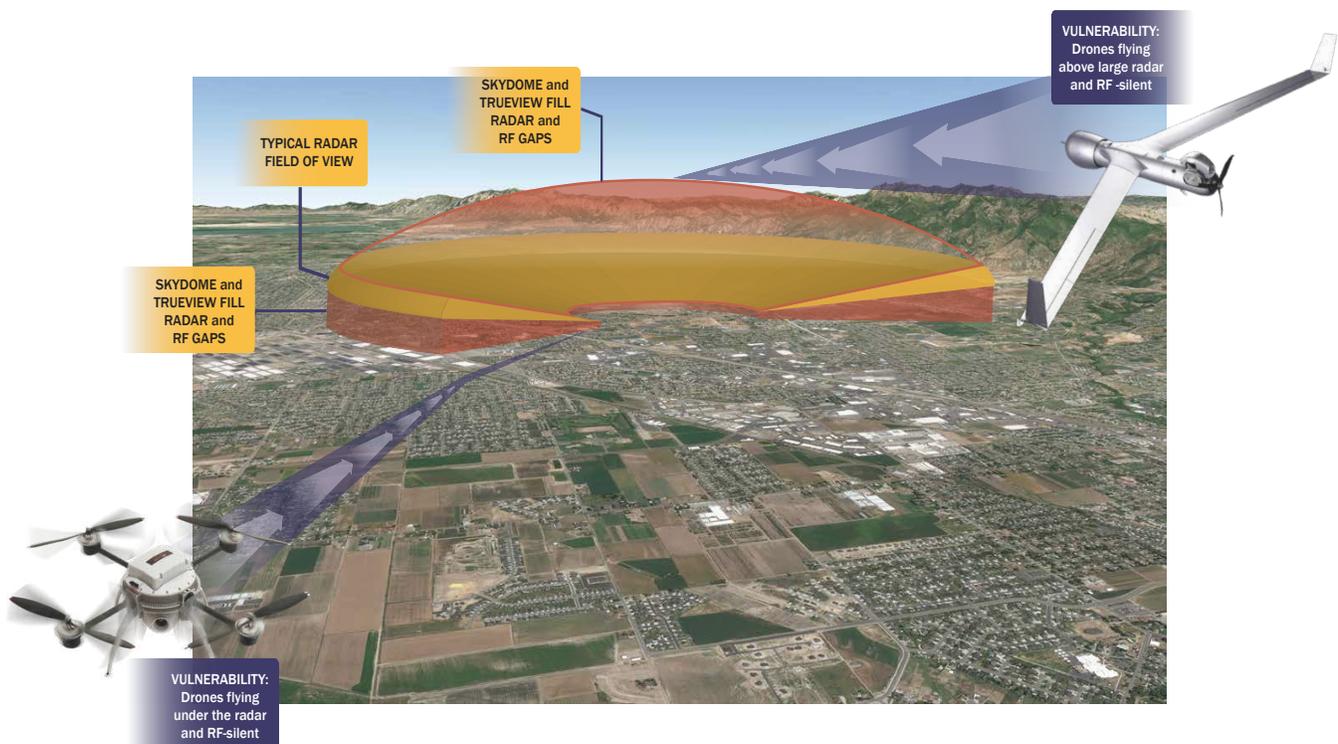
Close the Airspace Defense Gap

Integrate with Fortem Airspace Awareness, Safety and Security AI Platform

Rogue Drones Create Ground Security and Air Defense Gaps

Incidents where drones are breaching air defense and ground security are costly. The September 2019 attack on Saudi Aramco's Shaybah facility disrupted their throughput by 50 percent, with revenue losses as high as \$200 million a day. Gatwick Airport was shut down in December of 2018 when a drone flew undetected over their ground security and below their radar, costing \$64.5 million in 36 hours.

Security and defense measures are being challenged by ever-evolving malicious drones which have exposed and exploited several vulnerable security layers. According to Jim Housinger, former NATO Chief Operations Planner, "Most of the defensive systems built and deployed worldwide are designed to counter higher-end, fast-moving threats—not the multitude of smaller, slower and low-flying drones that are readily available today."



Fortem SkyDome™ and TrueView™ Radar Provide Missing Security & Defense Layer

SkyDome is the adaptable AI platform that distributes and networks TrueView SWAP-C radar in varying terrains, population centers and in challenging topography where existing larger radar and RF-based systems fail. This distributed network of TrueView radar digitizes these vulnerable gaps so that every object from the ground up can be detected, tracked, classified and assigned a threat level, creating either an independent end-to-end or integrated situational awareness solution.

The Fortem SkyDome and TrueView radar AI platform is deployed at world-class venues, military bases, airports and infrastructures around the world, complementing and integrating with existing multi-layer security systems.

Fortem Technologies Differentiators

SkyDome DeepIntegration™ with TrueView radar is the foundation for a defense layer that detects, tracks, classifies and assesses the threat of all aircraft, including those missed by longer range radar, thermal, and RF-based systems. SkyDome and TrueView augment existing security and defense systems or function independently in the following ways:

- Digitizes and fills in the gaps and shadowing of larger radar, making “flying over or under the radar” obsolete
- Detects RF-silent drones and can consume RF information as complementary data points
- Can be distributed and networked to cover any terrain, population center and infrastructure
- Uses AI at the Edge to detect, track, identify and assess the threat of all objects from the ground up
- Doesn't disrupt critical RF communications or GPS-dependent equipment
- Cues other sensors multiple times per second, such as Directed Energy (ground or airborne)
- Collects and shares rich data for analysis, recovery, reporting, forensics and integration
- Coordinates multiple DroneHunter® attack patterns and payload deliveries for multi-drone or swarm threats

SkyDome is an AI-enabled platform with a ThreatAware™ engine that aggregates data from many sensors, ADS-B, drone Remote ID, USS, etc., and applies target impact assessment AI-rich algorithms to determine the ThreatLevel™ of all objects in the airspace. It allows for the set up of virtual fences and zones, with a robust rules engine that gives security personnel time to react to a threat or launch a 3rd party integrated response.

Key Components of the SkyDome Platform



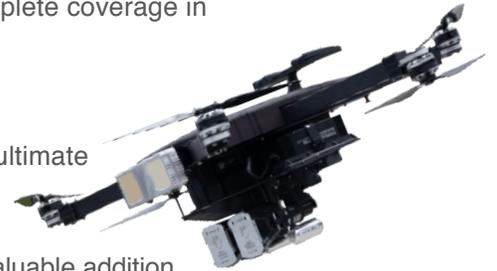
TrueView Radar

TrueView is the world leader in low SWAP-C electronically scanned phased array radar—the gold standard in radar technology. It delivers best-in-class real-world range, resolution, accuracy and clutter rejection. TrueView is the only radar to use AI at the Edge technology for superior detection, tracking and classification. TrueView can be distributed and scaled for complete coverage in complex and topology-challenging environments.



DroneHunter

Custom built for speed and agility, and effective day or night, DroneHunter is the ultimate in drone interceptor technology, with over 7,500 missions and 3,500 captures on multiple drone platforms manufactured in several countries. It has a customizable undercarriage that can be adapted to different payloads and effectors, making it a valuable addition to any comprehensive multi-level security system. Multiple DroneHunters can be flown for coordinated attacks and delivering a diversity of payloads against swarms.



Summary

Criminals and terrorists are using high tech low cost drones as high-performance weapons capable of defeating multi-million-dollar physical security and air defense systems. The Fortem SkyDome Airspace Awareness, Safety and Security AI platform is deployed at world class venues, military bases, airports and infrastructures around the world and is a key component in these security and air defense systems.

Fortem Technologies has proven to be a partner with flexible options that complement your existing security and will collaborate with you to resolve your unique airspace security challenges. Learn more about Fortem Technologies by visiting fortemtech.com or contacting sales@fortemtech.com.

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