

Sanctum™

Delivering Integrated and Layered Counter Small UAS (C-sUAS) Capability

We see what's coming. And we're ready.

Sanctum is a modular, software-enabled system to meet this threat. We've field tested a full kill chain that delivers results: In urban testing, our radar tracked over 5,000 airborne targets with 99.8% accuracy and almost no false alarms. Our system is real, integrated, and field-proven.

Drones are getting smarter. You need a system that gives your operators the advantage.

Sanctum gets smarter every mission. With each drone shot down, it learns how to out-think the next one. The system combines best-in-class capabilities from Lockheed Martin and innovative industry partners. We've built an intelligent counter-drone system with leading AI and cloud computing to learn and adapt in real time. Sanctum includes the autonomy and decision aids to turn any operator into an elite drone defender.

When lives are on the line, experience matters—and we've delivered.

The threat is real. You need systems that are battle-tested, not just beta-tested. Some of the same autonomous algorithms hunting drones and cruise missiles on deployed ships are powering Sanctum. These systems are combat-proven to respond to today's threats at machine speed – and take them down when lives are on the line.

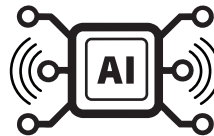
The Sanctum Difference:



COMBAT-PROVEN BATTLE
MANAGEMENT CAPABILITY



OPEN, MODULAR, AND
SCALABLE DESIGN



AI-ENABLED DETECTION,
TRACKING, AND
EFFECTOR ASSIGNMENT



LAYERED PRECISION
EFFECTORS



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Lockheed Martin Sanctum C-UAS Battle Management System

Intuitive single pane of glass user interface with real time sensor fusion and AI-enabled decision aids for threat evaluation and weapon assignment.



Lockheed Martin Distributed Edge Compute Node

Ruggedized edge compute and secure mesh networking node running advanced algorithms for tracking and auto target recognition enabling distributed sensor and effector deployments even in degraded environments.

Fortem Technologies DroneHunter® F700 Net Capture Effector

Fully autonomous net-capture drone capable of up to four engagements per flight with minimal collateral damage risk

Fortem Technologies R30/R40 TrueView® Radars

Distributed and networked low-cost AESA radars capable of detecting Group 1 UAS at 2.5 km (R30) to 4.5 km (R40)

Sentrycs RF Sensor and Cyber Over RF Effector

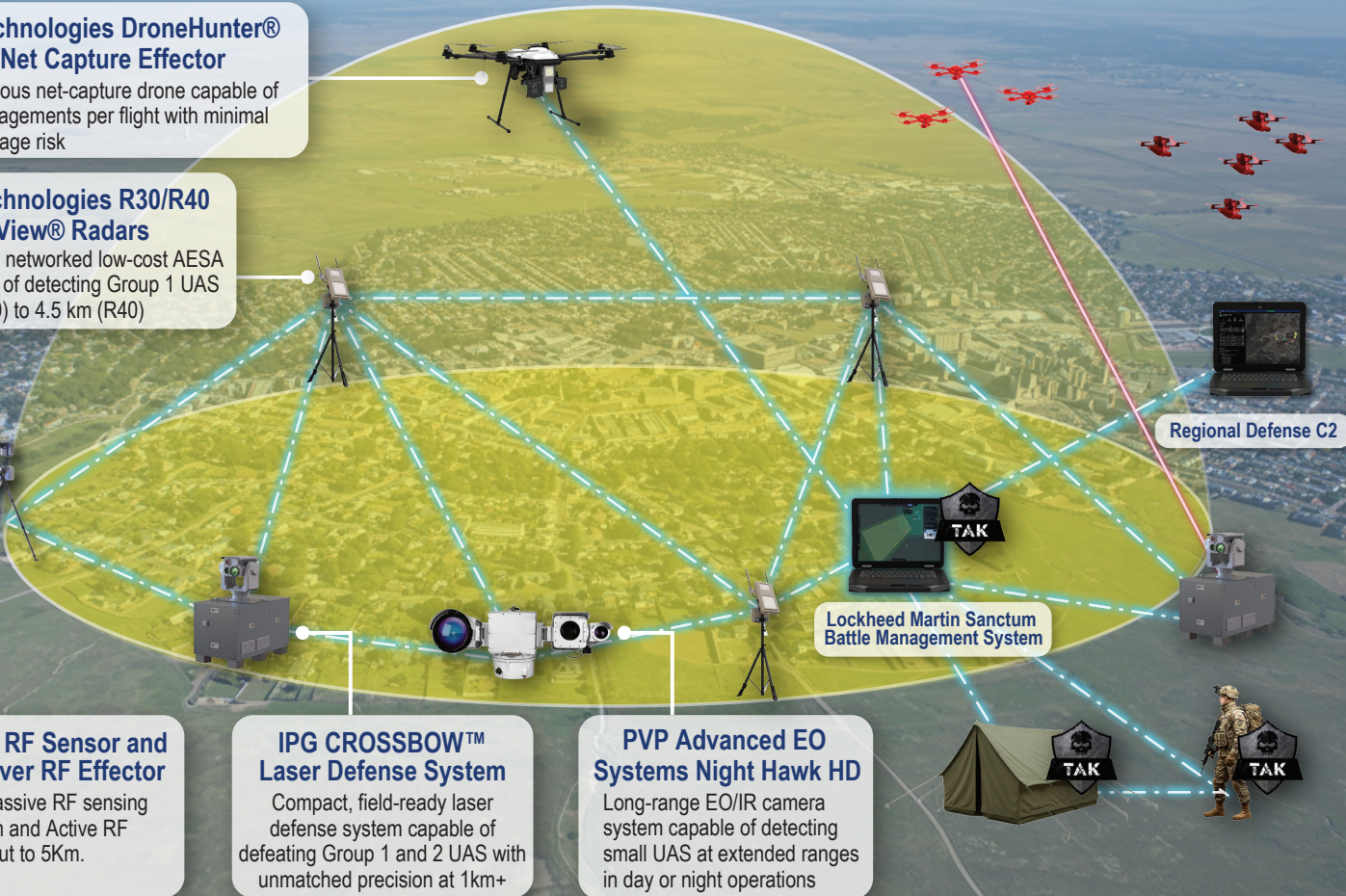
Compact passive RF sensing out to 10Km and Active RF mitigation out to 5Km.

IPG CROSSBOW™ Laser Defense System

Compact, field-ready laser defense system capable of defeating Group 1 and 2 UAS with unmatched precision at 1km+

PVP Advanced EO Systems Night Hawk HD

Long-range EO/IR camera system capable of detecting small UAS at extended ranges in day or night operations



Technology System Diagram of the Integrated C-UAS Mission System Configuration, recently demonstrated by Lockheed Martin

Lockheed Martin is rapidly expanding the Sanctum C-UAS ecosystem through integration of existing and emerging systems to outpace the continually evolving UAS threat landscape. We welcome outreach from interested operators, customers and industry partners regarding future capability insertions and enhancements.



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