



LOCUST Target Acquisition and Tracking System (TATS)



BLUEHALO

bluehalo.com | sales@bluehalo.com

LOCUST Target Acquisition and Tracking System (TATS)

LOCUST TATS is an easy-to-use, multi-spectral sensing and targeting system that provides high quality threat tracking and video data to control a wide variety of effectors such as EO/IR missiles, expendable drones, high energy lasers, high power microwaves, electronic attack, and kinetic munitions. BlueHalo's flexible LOCUST TATS features field-proven tracking, sensing, and threat engagement automation that can be readily applied to different missions including counter-UAS (C-UAS), counter-missile, counter-rocket, artillery and mortar (C-RAM), intelligence, surveillance, and reconnaissance (ISR), and test and evaluation (T&E). LOCUST TATS provides higher performance situational awareness, data collection, test monitoring, and target tracking when compared to traditional pan/tilt gimbal solutions.

Feature	Benefit	Proof
RF Cueing Sensor Interface and Overlays	"Plug-and-Play" capability with a wide variety of sensor types and RF bands	Performance of LOCUST TATS key features has been proven at a wide variety of Army, Navy, and Air Force stakeholders" to "variety of stakeholders including the Department of Defense services.
Multi-target IR Search and Track Modes	Automated tracking capabilities that enable agile switching between targets in high density threat environments	
High Bandwidth Tracking for Threat Identification	State-of-the-art, high-definition video gives decision makers the highest fidelity data to evaluate threats in complex air defense environments	
High Resolution 3-D Target Location Reporting	Microradian-class track data transmitted to a wide variety of C2 networks increases system combat effectiveness	
Integration Support for C2 Networks	Low-latency interfacing with C2 networks to receive and provide target cues, with ability to transmit video, track, and provide situational awareness data to improve capabilities	



World-Class Software, Automation, and Artificial Intelligence with Continual Improvement

The focus of LOCUST TATS is to maximize its value to our customers' missions. That is why we pair state-of-the-art commercially available hardware with best-in-class software, algorithms, and Artificial Intelligence (AI) to maximize performance at a reasonable price point. We are continually investing and upgrading our software capability to ensure that our system works reliably in an increasingly complex air defense environment against a wide variety of threats. This ensures that the capability of LOCUST TATS improves over time with every update.