

# AV\_Halo™ PINPOINT DIRECTED ENERGY TARGETING, POINTING, AND TRACKING



AV\_Halo PINPOINT delivers precise target acquisition and tracking for both offensive radio frequency (RF) and laser payloads, allowing new and legacy platforms to carry out ISR, loitering, and strike missions independently. When combined with AV\_Halo COMMAND, it adds real-time threat perception and responsive autonomy. Pinpoint also serves as the targeting core for AV's LOCUST™ Laser Weapon System and Titan™ C-UAS systems.

## \_Scalable Capabilities

- › AI-Enhanced Pointing and Tracking: AV\_Halo PINPOINT boasts advanced AI-enhanced algorithms that enable precise control of target acquisition and tracking in all domains.
- › Intuitive User Interface for Threat Neutralization: The system features an intuitive user interface that allows operators to easily neutralize small/medium UAS threats with high-energy laser capabilities.
- › RF Detection and Interception of UAS: AV\_Halo PINPOINT detects and intercepts RF signals from UAS, providing a comprehensive solution for drone threat identification, prioritization, and mitigation.

## \_Benefits

- › AV\_Halo PINPOINT seamlessly integrates multiple sensor inputs from powerful telescopes, laser rangefinders, and targeting lasers, coordinating them with precise tracking capabilities, to accurately engage and neutralize targets.
- › PINPOINT leverages AI/ML processing methods, delivering proprietary, best-in-class, cost-effective, control-point solutions to the warfighter.
- › Titan and Titan-SV C-UAS Products: PINPOINT powers AV's RF C-UAS products, providing automated drone protection solutions with minimal need to expertise to provide a range of escalating and precise countermeasures.

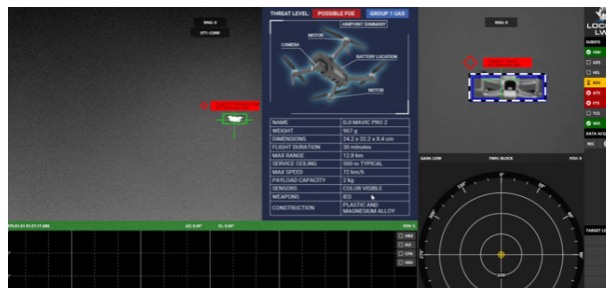


FIGURE 1: PINPOINT OPERATOR INTERFACE



FIGURE 2: LOCUST DE