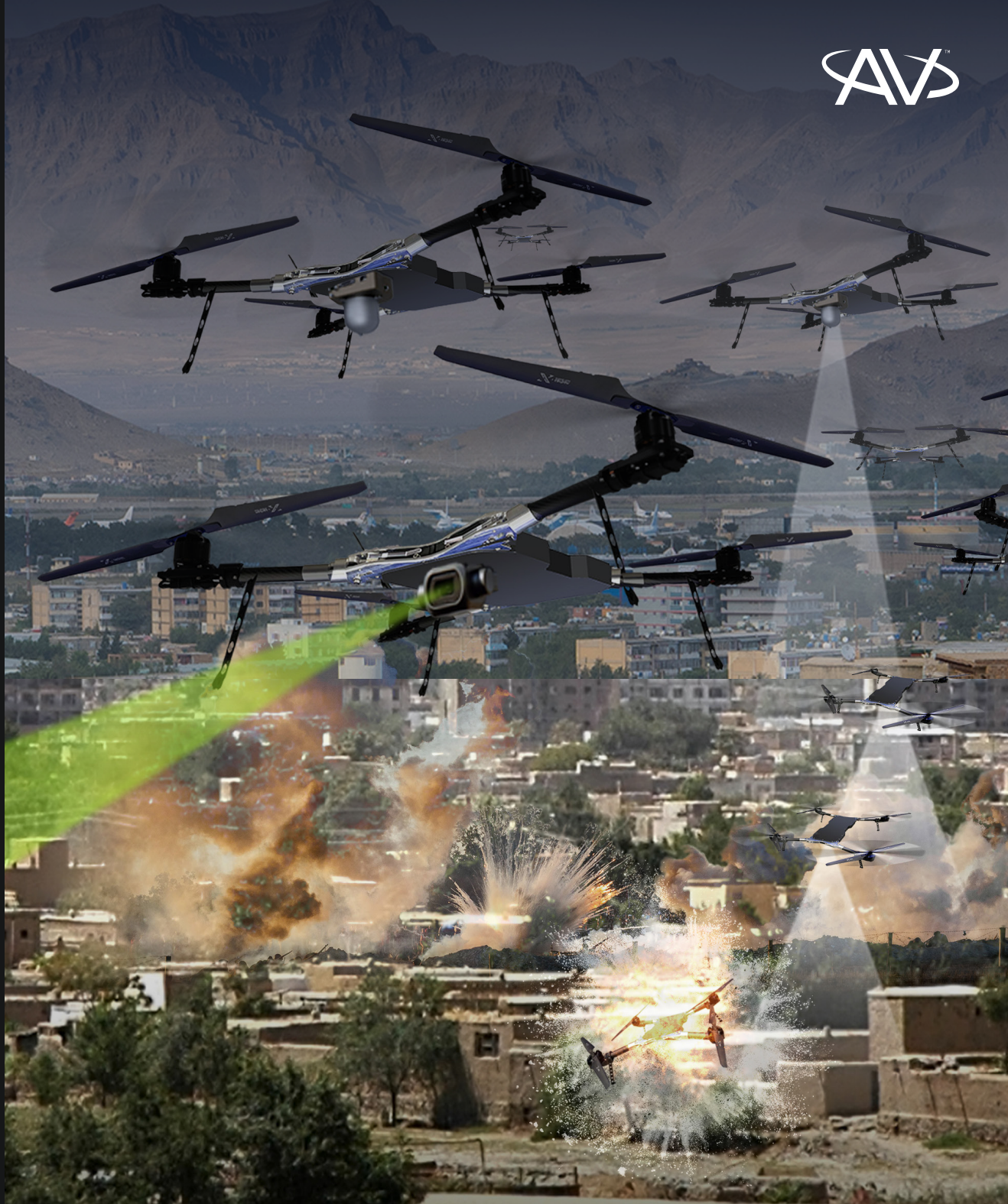


# HaloSwarm

AUTONOMOUS  
UAS SWARMING



HaloSwarm uncrewed solutions allow the warfighter to harness proxy operations for amplified multi-mission impact. The platform's autonomous swarming capabilities are unique, and provide a force multiplier. We offer an ecosystem of uncrewed solutions purpose-built for any environment. Each solution leverages an agile approach to design achieving rapid deployment and unparalleled versatility.

## \_Unique Solution

AV provides a transformational small Unmanned Aircraft System (sUAS) autonomous swarming capability previously unavailable to the warfighter. AV leverages resources and expertise to deliver unmatched Artificial Intelligence/Machine Learning (AI/ML) swarm logic capabilities, communications systems, and evolving technologies within an operationally driven system-of-systems framework. This integrated “swarm” of proprietary, U.S.-made and manufactured sUAS platforms will provide the warfighter with improved mission efficiency, sensor performance, and a reduction in cognitive workload.

## \_Unmanned Systems Expertise

AV has extensive technical experience delivering state-of-the-art capabilities with all aspects of unmanned and counter-unmanned systems including:

- > R&D engineering systems development
- > Fabrication and Prototyping
- > Integration
- > Test Activities
- > U.S.-made and Manufactured
- > Platforms
- > Custom Payloads
- > Novel applications

### [HALOSWARM VERSATILITY]



AV's Intense Eye Version 3 (IE-V3)

### MULTI-MISSION SOLUTIONS

Featuring adaptable payload mounts on a Picatinny rail system, our UAS offerings can be easily tailored for specific operational needs. The E900 can fly up to 35 minutes with up to a 5-lb payload and reach speeds up to 40 mph (18 m/s). The E1250 boasts over 35 minutes of flight time with up to a 25-lb payload thanks to a dual battery system, ideal for extended missions without frequent landings.

### CERTIFIED AND SECURE

Rapidly deployable and capable of performing in rough weather conditions, our mass-producible U.S.-made IEV3 is the ideal sUAS for use in HaloSwarm. Our UAS products, like the Intense Eye Version 2 (IE-V2), come with Army Air Worthiness Certification and are approved under DIU's Blue UAS 2.0 list, ensuring compliance and security for sensitive operations.

