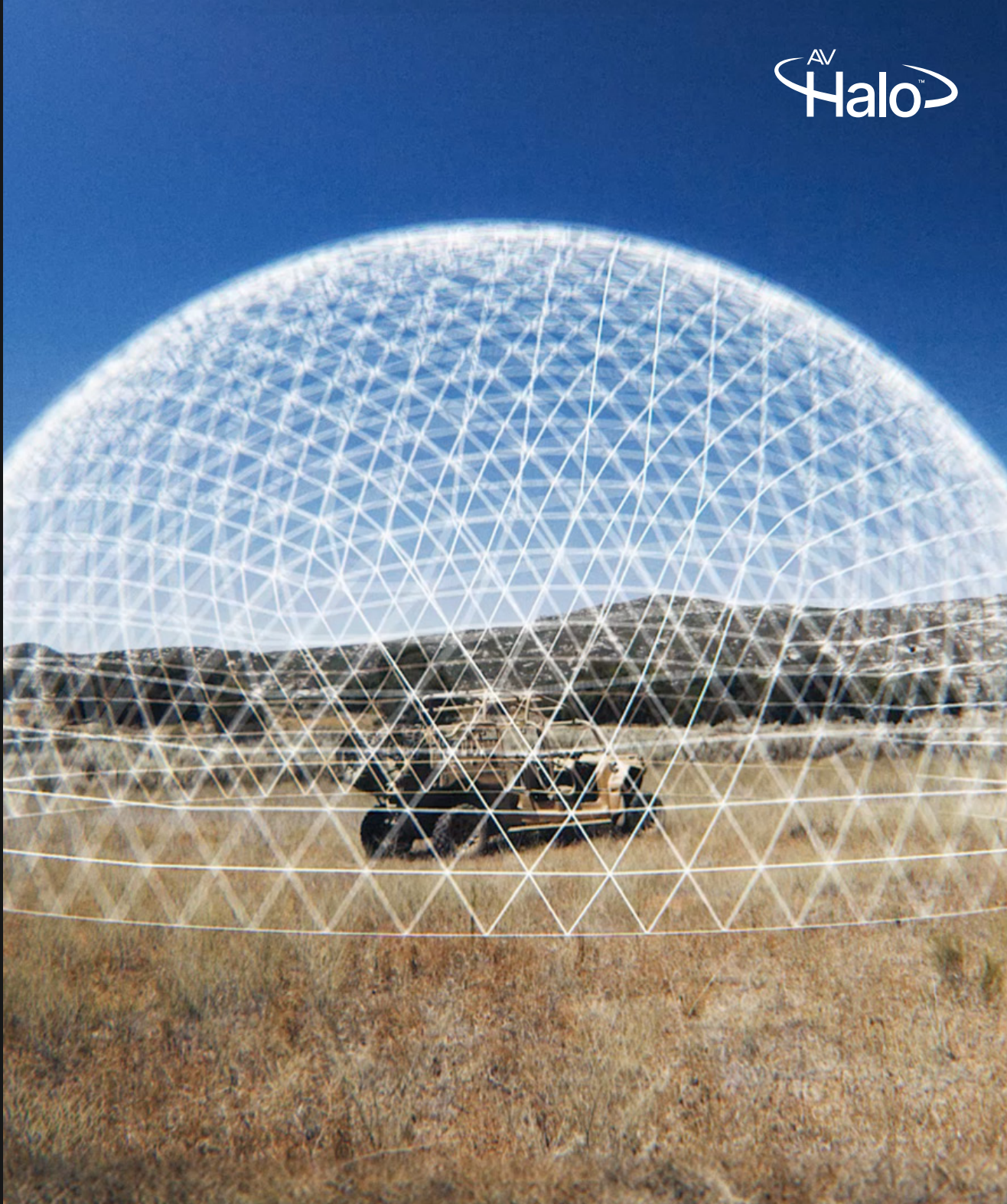


AV_Halo™

THE TACTICAL SOFTWARE PLATFORM FOR THE FUTURE BATTLESPACE



AV_Halo™ is the human-centered, hardware-agnostic tactical software platform that unifies autonomous systems into a single, intuitive, and open-standards ecosystem. Designed for the battlesphere of tomorrow, AV_Halo empowers warfighters to seamlessly command diverse robotic assets across domains, making better decisions, faster, while reducing risk to the warfighter.

Own the Mission. Command the Future.

AV_HALO™

_Built to Win

AV_Halo™ from AV is a next-generation, AI-forward software platform engineered for interoperability and human-machine teaming. It transforms how militaries deploy autonomous systems replacing siloed, manpower-intensive operations with a unified, scalable, and mission-ready ecosystem.





Operating across air, land, sea, and cyber, AV_Halo's modular open architecture enables plug-and-play integration with AV and third-party assets. Built for seamless operation in contested and even denied environments, AV_Halo provides dynamic command-and-control (C2), real-time edge intelligence, and mission autonomy that adapts to evolving threats.

With AV_Halo, forces regain affordable mass, accelerate OODA loops, and enhance survivability, all without locking into a proprietary, closed system.

_Mission Impact

- > Affordable Mass at Scale – Deploy swarms of low-cost autonomous assets under a single operator.
- > Accelerated Decision Cycles – AI-powered analysis for faster, more accurate outcomes.
- > Reduce Risk to Warfighters– Operate effectively in dangerous, contested, and denied environments.

AV_Halo is the tactical software platform built for the future battlespace. Integrated with AV's autonomous systems and precision munitions, it delivers full-cycle dominance—detect, decide, deliver—with speed, precision, and unstoppable operational advantage.

 <p>MODULAR ARCHITECTURE Deploy what you need, scale when you're ready. Adapt to changing mission needs</p>	 <p>OPEN AND INTEROPERABLE Control AV and third-party systems alike. Faster integration, reduced cost</p>	 <p>BUILT FOR EDGE DOMINANCE Works in degraded, contested, and denied environments. Operational continuity</p>	 <p>UNIFIED WARFIGHTING ECOSYSTEM From command to kinetic effect, one stack. Unified battlespace control</p>
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_AV_Halo Elements

- > AV_Halo COMMAND: Battle Management with C2 for uncrewed vehicles. Situational awareness that drives decision-making with continuous, AI-enhanced sensor feeds, telemetry, and environmental data into a secure, mission-specific operating picture. It enables theater-wide asset coordination, whether fixed, mobile, or distributed.
- > AV_Halo VISION: Onboard Computer Vision for Autonomous Targeting. VISION enables real-time visual processing and ISR capabilities on-platform, even in GPS-denied or comms-degraded environments. Enhanced with fused tracking from the C2 Core, it delivers persistent autonomous targeting.
- > AV_Halo PINPOINT: Directed Energy, Pointing and Tracking technologies with Offensive RF and laser capability payloads that allows new and legacy platforms to operate independently across ISR, loitering, and strike profiles. Tight integration with the C2 Core enables responsive autonomy driven by real-time threat perception.
- > AV_Halo CORTEX: A multi-source, multi-modal platform for collection and exploitation of publicly available information (PAI). Using natural language and Boolean queries, OSINT analysts can search curated live and historical data and then fuse the data with AV's world-class text, image, video, network, and geospatial analytics to gain mission insights.
- > AV_Halo MENTOR: Virtual Systems Trainers (VST) integrates seamlessly with our simulation hardware to provide a portable or fixed virtual reality-based training device. It supports weapons systems like Stinger, Javelin, and Igla in a 360-degree immersive environment. It allows instructors to create custom mission scenarios and provides a detailed after-action review to evaluate operator performance and readiness. The rich virtual training environment is highly cost-effective, and utilizes cohesive AV capabilities to prepare operators for complex mission scenarios.



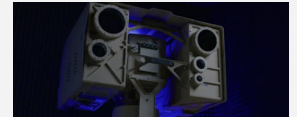
AV_Halo™
COMMAND



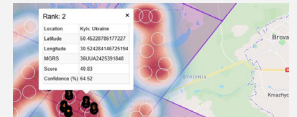
AV_Halo™
PINPOINT



AV_Halo™
VISION



AV_Halo™
CORTEX



AV_Halo™
MENTOR



**AV_HALO IS READY TO INTEGRATE INTO YOUR FORCE STRUCTURE TODAY.
CONTACT AV FOR JOINT CAPABILITY DEMONSTRATIONS AND PARTNER INTEGRATION OPPORTUNITIES.**

