



## AeroVironment Announces AV\_Halo™ Unified Software Platform for Next-Gen Operational Advantage

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ARLINGTON, Va.--(BUSINESS WIRE)--Sep. 4, 2025-- AeroVironment, Inc. ("AV") (NASDAQ: AVAV), a global defense technology leader delivering software-enabled disruptive autonomous systems, today announced [AV\\_Halo™](#), a hardware-agnostic software platform that unifies the company's suite of mission-ready software tools — to include multi-domain command and control (C2), AI-enhanced intelligence analysis, synthetic training, and autonomous targeting — into a single open-standards software ecosystem capable of integrating with any other battle management systems. AV\_Halo provides a modular, mission-ready suite of AI-powered software tools that empowers warfighters to dominate the mission—across air, land, sea, space and cyber domains.

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AV has introduced AV\_Halo™—a hardware-agnostic software platform that unifies the company's suite of mission-ready software tools into a single open-standards software ecosystem capable of integrating with any other battle management systems.

"In today's rapidly evolving operational environment, speed, autonomy, modularity, and interoperability are non-negotiable," said Wahid Nawabi, AV Chairman, President, and Chief Executive Officer. "With edge intelligence, mission autonomy and dynamic C2, we will build upon our unique ability to carry out maneuver warfare in the age of drones dominance. AV\_Halo is designed for the battlefield of tomorrow—empowering warfighters to

seamlessly command diverse crewed and uncrewed assets across domains and make better decisions faster to reduce risk to human life."

AV's integrated software stack, matched with the company's autonomous systems and precision munitions, enables full battlefield dominance: detect, decide, deliver. The initial roll-out of the company's AV\_Halo software strategy will focus on three mission-critical capability sets:

- **AV\_Halo COMMAND: Battle Management with C2 for Unmanned Vehicles** – Situational awareness 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 COMMAND fuses AV's KINESIS™ tactical universal control architecture™ with VigilantHalo mission control User Interface and robust sensor fusion engine to provide a layered C2 capability for both offensive and defensive missions. AV\_Halo COMMAND integrates with other services within the software platform as well as other third-party capabilities.
- **AV\_Halo VISION: Onboard Computer Vision for Autonomous Targeting** – AV\_Halo VISION enables real-time visual processing and Intelligence, Surveillance and Reconnaissance (ISR) capabilities on-platform, even in GPS-denied or comms-degraded environments. Enhanced with fused tracking from AV\_Halo COMMAND's C2 core, it delivers persistent autonomous targeting. AV\_Halo VISION includes AV's SPOTR Edge computer vision software and WISARD AI/ML processing module.
- **AV\_Halo PINPOINT: Directed Energy, Pointing and Tracking Technologies** – Exact target acquisition and tracking for offensive radio frequency (RF) and laser capability payloads allows new and legacy platforms to operate independently across ISR, loitering, and strike profiles. Used in combination with AV\_Halo COMMAND enables responsive autonomy driven by real-time threat perception. AV\_Halo PINPOINT is at the core of AV's LOCUST Laser Weapon System™ and Titan C-UAS™ family of products.

"AV\_Halo leverages the large portfolio of AV's software suite of applications in one common software core, integrating our rapid product development process to accelerate innovation, interoperability, and deployment," said Scott Bowman, AV Chief Technology Officer & Vice President of Global Engineering. "For mission planning or mission command, for mounted or dismounted operations, for training or for frontlines, AV\_Halo wraps around all platforms and provides the flexibility and speed necessary to meet the challenges of tomorrow, today."

AV\_Halo follows the principles of the Modular Open Systems Approach (MOSA), a design strategy mandated by the U.S. Department of

Defense (DoD) to improve interoperability, agility, and sustainability in defense systems. As missions evolve, AV\_Halo scales effortlessly, offering reliable solutions that adapt to emerging threats and operational demands—enabling operators to deploy exactly what is needed for any mission while minimizing cost. It seamlessly integrates across allied military and commercial systems, setting a new standard for interoperability in complex, multi-domain environments.

"Locked ecosystems and walled-off gardens are, by their nature, anti-innovation," said Bowman. "By focusing on interoperability, we're prioritizing collaboration. Our industry partners are encouraged to work within, and connect to, AV\_Halo to bring best-in-class capabilities to the warfighter faster. The potential to create a global halo of protection, awareness and connectivity is here, and we welcome the opportunity to partner with leaders in the defense and commercial industry to make it a reality."

Looking ahead, AV will continue to expand the AV\_Halo software ecosystem with additional mission-ready capabilities, including advanced autonomous control, automated airspace deconfliction, immersive training and simulation, and other emerging tools that extend across the full spectrum of operations. These future releases will further enhance AV\_Halo's ability to deliver synchronized autonomy, cross-domain coordination, and mission adaptability—ensuring that warfighters remain equipped with the most advanced, flexible, and decisive tactical software ecosystem available.

#### **About AV**

AV (NASDAQ: AVAV) is a defense technology leader delivering integrated capabilities across air, land, sea, space, and cyber. The Company develops and deploys autonomous systems, loitering munitions, counter-UAS technologies, space-based platforms, directed energy systems, and cyber and electronic warfare capabilities—built to meet the mission needs of today's warfighter and tomorrow's conflicts. With a national manufacturing footprint and a deep innovation pipeline, AV delivers proven systems and future-defining capabilities at speed, scale, and operational relevance. For more information, visit [www.avinc.com](http://www.avinc.com).

#### **Safe Harbor Statement**

Certain statements in this press release may constitute "forward-looking statements" as that term is defined in the Private Securities Litigation Reform Act of 1995. These statements are made on the basis of current expectations, forecasts and assumptions that involve risks and uncertainties, including, but not limited to, economic, competitive, governmental and technological factors outside of our control, that may cause our business, strategy or actual results to differ materially from those expressed or implied. Factors that could cause actual results to differ materially from the forward-looking statements include, but are not limited to, our ability to perform under existing contracts and obtain additional contracts; changes in the regulatory environment; the activities of competitors; failure of the markets in which we operate to grow; failure to expand into new markets; failure to develop new products or integrate new technology with current products; and general economic and business conditions in the United States and elsewhere in the world. For a further list and description of such risks and uncertainties, see the reports we file with the Securities and Exchange Commission. We do not intend, and undertake no obligation, to update any forward-looking statements, whether as a result of new information, future events or otherwise.

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