

AeroVironment Introduces Crysalis, A Next-Generation Ground Control Solution Designed for Collaboration Across Today's Dynamic Battlefields

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- Provides a standardized user experience (UX) across multiple air vehicles, communication platforms and end-user devices for streamlined operation and deployment
- Improves battlefield communication and collaboration by enabling users to easily share real-time information and coordinate mission-critical decisions
- Builds upon AeroVironment's legacy ground control system (GCS) and adapts to today's network-centric battlefield environment

ARLINGTON, Va.--(BUSINESS WIRE)--Jul. 7, 2021-- [AeroVironment, Inc.](https://www.aerovironment.com) (NASDAQ: AVAV), a global leader in intelligent, multi-domain robotic systems, today introduced [Crysalis™](#) the company's next-generation ground control solution. Crysalis is an integrated hardware and software-based ground control system (GCS) that provides command and control of compatible AeroVironment unmanned aircraft systems (UAS) and their payloads, through an intuitive user experience (UX).

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20210707005029/en/>



AeroVironment's new Crysalis Ground Control Solution (Photo: AeroVironment, Inc.)

small UAS platforms, simplifying the training requirements and operation of Puma™, Raven® and Wasp®.

"With the introduction of Crysalis, we are streamlining command and control of our small UAS and empowering warfighters with actionable intelligence at the speed of war to increase their tactical decision making," said Wahid Nawabi, AeroVironment chairman and chief executive officer. "Crysalis can be integrated into our portfolio of intelligent, multi-domain robotic systems and deliver easy-to-use, yet powerful new capabilities that enable our customers to succeed in full spectrum operations."

The Crysalis GCS is available in scalable hardware configurations with all necessary software components pre-configured for quick mission

Built around three core elements – software, hardware, and antennas – Crysalis was designed to make operating robotic systems easier than ever before. Crysalis offers complete interchangeability, either as modular elements or turnkey systems, both adaptable to meet specific mission requirements. Crysalis is cross-platform compatible with Android, Microsoft Windows and Linux operating systems. The new GCS is available in multiple configurations ranging from lightweight and wearable to mobile and command center systems that are modular and scalable.

Crysalis was designed with the operator in mind, featuring an intuitive user interface (UI) to reduce cognitive load and training burden while enhancing situational awareness and battlefield collaboration. Through the easy-to-use Crysalis Control app, users can plan and execute flight missions as well as navigate and control UAS assets and payloads with one-click access to critical information, modes and telemetry meta data. Additional operational participants can gain enhanced situational awareness, share information and collaborate on tactical decisions by accessing telemetry and downlink data through remote video terminals, while also allowing them to capture data directly on their devices. Crysalis standardizes the user experience across all AeroVironment

deployment. These range from the Crysalis Ultralight GCS that provides full control of UAS and payloads through virtual control or tactile joysticks on a wearable smartphone configuration to Crysalis Command GCS – a command center configuration featuring a ruggedized laptop. Every Crysalis GCS configuration is natively compatible with AeroVironment's Digital Data Link™ (DDL™) radios and antennas, is designed for plug-and-play compatibility with Nett Warrior and can integrate with both third party command and control and battlefield management applications.

"As a software-based ecosystem, Crysalis will continue to develop and evolve based on customer needs and front-line user feedback with expanded aircraft command and control capabilities, software features and IoT compatible functionality," said Tom Vaneck, AeroVironment vice president of solution strategy.

For more information on AeroVironment's Crysalis next-generation ground control solution, visit www.avinc.com/crysalis.

ABOUT AEROVIRONMENT UNMANNED AIRCRAFT SOLUTIONS

AeroVironment's portfolio of intelligent, multi-domain robotic systems includes small footprint, runway-independent unmanned aircraft systems. The [JUMP@ 20, T-20™](#) and [Puma™ LE](#) provide extended range, multi-payload capabilities, and the [Puma™ RQ-20](#), [Raven@ RQ-11B](#), [Wasp@ RQ-12A](#), [VAPOR@ Helicopter](#) and automated [Quantix™ Recorder](#) deliver highly tactical, frontline situational awareness. These solutions deliver increased, multi-mission capabilities and the option of selecting the appropriate aircraft based on the type of mission to be performed. These capabilities have the potential to provide significant force protection and force multiplication benefits to small tactical units and security personnel, as well as greater safety, scalability and cost-savings to commercial operators. AeroVironment provides turnkey ISR and support services worldwide to ensure a consistently high level of mission success. AeroVironment has delivered tens of thousands of new and replacement unmanned air vehicles to customers within the United States and to more than 50 allied governments. For more information, visit <https://www.avinc.com/uas>.

ABOUT AEROVIRONMENT, INC.

AeroVironment (NASDAQ: AVAV) provides technology solutions at the intersection of robotics, sensors, software analytics and connectivity that deliver more actionable intelligence so you can **Proceed with Certainty**. Celebrating 50 years of innovation, AeroVironment is a global leader in intelligent, multi-domain robotic systems and serves defense, government and commercial customers. For more information, visit 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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Makayla Thomas
AeroVironment, Inc.
+1 (805) 520-8350
pr@avinc.com

Mark Boyer
For AeroVironment, Inc.
+1 (213) 247-4109
mark@boversyndicate.com

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