Viasat Selected by Defense Innovation Unit to Deliver Resilient Network Orchestration Software for Replicator Autonomous Systems

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Viasat will provide flexible, software-defined networking technology for resilient command and control of all-domain attritable autonomous (ADA2) systems

CARLSBAD, Calif., Dec. 18, 2024 /PRNewswire/ -- Viasat, Inc. (NASDAQ: VSAT), a global leader in satellite communications, today announced it was selected by the Defense Innovation Unit (DIU) to deliver networking capability in support of the Replicator initiative by providing highly resilient command and control (C2) connectivity across unmanned systems. Replicator aims to deliver large masses of uncrewed, all-domain attritable autonomous (ADA2) systems for warfighter operations support and aligns with the overall U.S. Department of Defense effort to accelerate delivery of innovative capabilities to the warfighter at speed and scale. DIU announced vendor awards last month under two separate Commercial Solution Openings (CSO) contracts for software services and support.

Under the DIU Opportunistic, Resilient & Innovative Expeditionary Network Topology (ORIENT) project award, Viasat will provide a Multi-Domain Uncrewed Secure Integrated Communications (MUSIC) architecture with software-defined networking as the network component to enable the seamless and resilient connectivity of autonomous systems using multi-transport pathways. Specifically, MUSIC is an optimized configuration of Viasat's NetAgility software-defined networking (SDN) capability that is designed to respond to uncrewed swarm communications operational needs by enabling secure, seamless transport and network orchestration to optimize connectivity for the mission. The MUSIC mesh network overlay also enables secure information sharing and C2 among disparate autonomous systems.

"Viasat is excited to support the Defense Innovation Unit and the Replicator initiative through project ORIENT by helping advance resilience and enable collaboration across multiple autonomous systems for warfighter operations," said David Schmolke, Vice President of Viasat Mission Connections and Cybersecurity. "The coordinated use of autonomous systems offers critical operational advantages as the demands to quickly collect and share mission data grow, including executing those missions safely without putting warfighters in harm's way. MUSIC and NetAgility network orchestration is an optimal fit for addressing the network and advanced C2 requirements to enable resilient, multi-path communications through contested and denied environments."

Viasat has worked to mature the MUSIC solution in alignment with the Office of Under Secretary of Defense for Research and Engineering (OUSD R&E) for the past 18 months as part of its Technology Readiness and Experimentation (T-REX) efforts to access promising capabilities. This past October, Viasat's team worked with OUSD R&E to demonstrate MUSIC's application in connecting autonomous maritime systems during the Autonomous Warrior 24 exercise, which took place in Australia supporting the AUKUS (United States, Australia, and the United Kingdom) partnership.

Visit Viasat's website for more information about Viasat's NetAgility and software-defined intelligent network solutions.

About Viasat
Viasat is a global communications company that believes everyone and everything in the world can be connected. With offices in 24 countries around the world, our mission shapes how consumers, businesses, governments and militaries around the world communicate and connect. Viasat is developing the ultimate global communications network to power high-quality, reliable, secure, affordable, fast connections to positively impact people's lives anywhere they are—on the ground, in the air or at sea, while building a sustainable future in space. In May 2023, Viasat completed its acquisition of Inmarsat, combining the teams, technologies and resources of the two companies to create a new global communications partner. Learn more at www.viasat.com, the Viasat News Room or follow us on Facebook, Instagram, LinkedIn, X or YouTube.

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Forward-Looking Statements
This press release contains forward-looking statements that are subject to the safe harbors created under the Securities Act of 1933 and the Securities Exchange Act of 1934. Forward-looking statements include, among others, statements that refer to enhanced capability development, increased interoperability and the expanded use of autonomous systems and Viasat's delivery of its Multi-Domain Uncrewed Secure Integrated Communications (MUSIC) and NetAgility software-defined network solution. Readers are cautioned that actual results could differ materially from those expressed in any forward-looking statements. Factors that could cause actual results to differ include: risks associated with the construction, launch and operation of satellites, including the effect of any anomaly, operational failure or degradation in satellite performance; changes in relationships with, or the financial condition of, key customers or suppliers; our reliance on a limited number of third parties to manufacture and supply our products; increased competition; and introduction of new technologies and other factors affecting the communications and defense industries generally. In addition, please refer to the risk factors contained in our SEC filings available at www.sec.gov, including our most recent Annual Report on Form 10-K and Quarterly Reports on Form 10-Q. Readers are cautioned not to place undue reliance on any forward-looking statements, which speak only as of the date on which they are made. We undertake no obligation to update or revise any forward-looking statements for any reason.

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