Viasat Unveils HaloNet Capability Portfolio for Near-Earth Communications and Beyond

Aug 11, 2025

Viasat's modular portfolio of capabilities offers space-to-ground connectivity and relay solutions for resilient and responsive data transport

CARLSBAD, Calif., Aug. 11, 2025 (GLOBE NEWSWIRE) -- Viasat, Inc. (NASDAQ: VSAT), a global leader in satellite communications, today unveiled its HaloNet™ portfolio, a modular set of capabilities with a next-generation connectivity architecture that unifies space and terrestrial connectivity into a cohesive service offering. Developed across global teams within Viasat Government and the Defense and Advanced Technologies segment, HaloNet is designed to transform near-Earth communications with flexible, multi-orbit network and data services that can be tailored to a customer's specific mission requirements.

Today's emerging government and commercial low Earth orbit (LEO) operators require an agile, reliable, and secure communications infrastructure that can quickly and cost-effectively transport data. These rapidly growing LEO operations need the ability to effectively transport mission data back to earth for analysis and distribution while balancing real-time demands and data latency, as well as maintain continuous contact with the spacecraft for command and control.

HaloNet is designed to provide simultaneous connectivity to thousands of space vehicles (SV) across the full range of orbital inclinations, including polar and retrograde orbits, at any latitude. HaloNet services can serve missions at altitudes in LEO up to 1100 km, as well as missions in medium Earth orbit. Viasat's diverse portfolio offers a comprehensive, turnkey launch and orbital communications solution for emerging industry needs, providing multi-band GEO-relay and Direct-to-Earth (DTE) satellite communications services for a wide range of mission needs.

"With today's space environment becoming increasingly complex, customers need agile, reliable and secure communications infrastructure that can support real-time command and control and data transport needs. Our HaloNet portfolio enables us to continue meeting these evolving near-earth mission communications needs, as well as government customers' capability requirements for critical scientific and defense missions," said Craig Miller, President, Viasat Government.

HaloNet combines the best of the company's space and ground capabilities to deliver a unified approach to command, control, and data dissemination. These capabilities include:

- **Telemetry, Tracking, and Command (TT&C) Data Relay Service (DRS):** Provides real-time situational awareness and connectivity with spacecraft through secure, low-latency links via Viasat's L-band network, giving satellite operators access to the satellite and data they need, when they need it.
- **Launch Telemetry DRS:** Offers real-time telemetry data relay during the launch phase through Viasat's L-band network without the need to build or lease dedicated downrange ground stations. This service will offer launch providers reliable connectivity from ignition to orbit.
- **High-Capacity DRS:** Will enable transmission of large volumes of data (e.g., full-motion video, high-res imagery, etc.) on demand, without prescheduling through Viasat's Ka-band network. Global coverage promotes continuous access wherever a customer's spacecraft travels.
- **Direct-to-Earth (DTE) Service:** Provides direct-to-Earth data services through Viasat's Ground Station as a Service (GSaaS) platform, delivering high performance TT&C and payload downlinks via a global ground station network spanning six continents.
- **Mobile Command & Control:** Offers a field-deployable command and control platform via a self-contained mobile satellite gateway. This mobile ground platform solution is designed to support secure TT&C data transport from virtually any location.

John Reeves, Vice President of Space and Mission Systems, Viasat Government, added, "HaloNet is helping transform near-Earth communications, combining our advanced space, ground, and networking infrastructure into a solutions portfolio addressing customer needs. Through HaloNet services, Viasat is providing a one-stop-shop for multi-band, multi-path, secure connectivity and data transport solutions that will enable both government and commercial customers' missions."

Based on mission parameters, HaloNet will use GEO relay satellites to dynamically deliver data. The relay transport paths will be L-band, Ka-band or optical links with expected data rates ranging from 10's of Kbps to more than 10 Gbps for secure data dissemination on demand or pre-scheduled. Viasat's global DTE ground antennas provide increased optionality and further resilience. HaloNet's portfolio will provide a comprehensive solution for government and commercial users to access diverse data transport options that can be leveraged for different mission requirements.

Visit Viasat's website to learn more about the HaloNet portfolio.

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 LinkedIn, X, Instagram, Facebook, Bluesky, Threads, and 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 Viasat's HaloNet portfolio, including the design, features, performance, benefits and uses of the 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; our ability to successfully develop, introduce and sell new technologies, products and services; increased competition; the effect of adverse regulatory changes (including changes affecting spectrum availability or permitted uses) on our ability to sell or deploy our products and services; changes in the way others use spectrum; our inability to access additional spectrum, use spectrum for additional purposes, and/or operate satellites at additional orbital locations; competing uses of the same spectrum or orbital locations that we utilize or seek to utilize; 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.

Source: Viasat, Inc.