



ViaSat Expands 'Edge to Cloud' Network Encryption Portfolio with Introduction of First Type 1 100 Gbps Ethernet Encryptor

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CARLSBAD, Calif., Aug. 15, 2016 /PRNewswire/ -- [ViaSat Inc.](#) (NASDAQ: VSAT), a global broadband services and technology company, announced today the [ViaSat KG-142](#), a first-to-market 100 Gbps Type 1 Ethernet encryptor delivering speeds 10x faster than existing solutions, and with significant improvements in network performance. With the new KG-142 high-speed Ethernet encryptor, government users can better meet the bandwidth and security needs for cloud computing and real-time data transport across the battlespace.

The introduction of the KG-142 combines decades of experience protecting classified government data with proven innovation in broadband networking. This product is the first Type 1 MACsec Ethernet encryptor capable of operating at speeds up to 100 Gbps. It delivers the encryption power of 10 separate 10 Gbps encryptors in a single rack unit, increasing scalability, and minimizing network overhead for Layer 2 Ethernet communications up to TS/SCI (Top Secret / Sensitive Compartmented Information).

By bringing the KG-142 to market, ViaSat broadens its 'edge to cloud' network encryption portfolio. The new encryptor comes on the heels of the recently announced NSA-certified [KG-250XS](#), which is the lowest size, weight, and power (SWaP), rugged HAIPE® IS v4.1 network encryptor, and is compatible with ViaSat's family of field-proven Type 1 HAIPE devices.

"When it comes to secure networking, ViaSat has a clear competitive advantage in providing innovative and network-efficient 'edge to cloud' encryption solutions to the U.S. government," said Jerry Goodwin, chief operating officer, Government Systems Division, ViaSat. "We are committed to lead the market with our Type 1 network encryptors, enabling warfighters to securely access classified communications across the entire battlespace. From the KG-142 to the KG-250XS to our Type 1 embeddable security modules, we are providing best-in-class solutions that meet the evolving communications needs of our forces."

Paul Pittelli, NSA Deputy Director, Trusted Engineering Solutions, commented, "Continuing our enablement of secure communications for the DoD, we are pleased to partner with ViaSat to deliver the first 100 Gbps Layer 2 encryptor, enabling our users to safely transport more data than ever before. The introduction of the ViaSat KG-142 represents a key milestone in securely enabling cloud networking for classified government data and communications. Having a single box capable of 100 Gbps speeds will greatly reduce the power and space requirements for high-speed Ethernet encryption at Layer 2."

A high-speed, low-latency encryptor, the ViaSat KG-142 conforms to the NSA's new Ethernet Security Specification (ESS) standard, ensures interoperability across government networks, delivers protection at the highest security standards and has been tested for high-reliability. It also uses a field-proven software-upgradeable design to ensure the network's security framework can evolve to meet future cybersecurity standards and interoperability requirements, without hardware changes. NSA certification is expected by October 2016.

About ViaSat

ViaSat, Inc. (NASDAQ: [VSAT](#)) keeps the world connected. As a global broadband services and technology company, ViaSat ensures consumers, businesses, governments and military personnel have communications access - anywhere - whether on the ground or in-flight. The Company's innovations in designing highest-capacity satellites and secure ground infrastructure and terminal technologies coupled with its international network of managed Wi-Fi hotspots enable ViaSat to deliver a best available network that extends the reach and accessibility of broadband internet service, globally. For more information visit ViaSat at: www.viasat.com, or follow the Company on social media: [Facebook](#), [Twitter](#), [LinkedIn](#) and [YouTube](#).

Forward Looking Statement

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 statements about the ViaSat KG-142 secure network encryptor capabilities and expected timeframe for NSA certification. 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: contractual problems, product defects, manufacturing issues or delays, regulatory issues, technologies not being developed according to anticipated schedules, or that do not perform according to expectations; and increased competition and other factors affecting the government sector generally. In addition, please refer to the risk factors contained in ViaSat's SEC filings available at www.sec.gov, including ViaSat's 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. ViaSat undertakes no obligation to update or revise any forward-looking statements for any reason.

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