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## **ViaSat Receives U.S. Department of Defense AIMS Certification for the VRG-1000 Identification, Friend or Foe (IFF) Flight Environment Generator**

### **First AIMS-Certified IFF Radio Frequency Environment Generation System Delivering a Dense, Realistic Airspace**

CARLSBAD, Calif., Sept. 7, 2017 /PRNewswire/ -- [ViaSat Inc.](#) (NASDAQ: VSAT), a global broadband services and technology company, announced today the Department of Defense (DoD) AIMS Program Office has certified the [ViaSat Radio Frequency Generator 1000](#) (VRG-1000). The VRG-1000 replicates a crowded airspace, enabling organizations to perform realistic Identification, Friend or Foe testing. The VRG-1000 provides a true-to-life lab environment to reduce flight test time and overall flight testing costs.

"As the world's Radio Frequency (RF) signal environment grows increasingly complex and diverse, today's communication systems must be able to perform in the midst of extreme conditions and signal depth. With the ViaSat VRG-1000, U.S. and Coalition forces can ensure their communication systems are ready for the real-world before operational deployment," said Ken Peterman, president, Government Systems, ViaSat. "Additionally, by obtaining certification, the system provides users the confidence they need before entering the battlespace by delivering an accurate, dense, realistic flight experience."

The ViaSat VRG-1000 uses state-of-the-art technology to provide a precise, realistic simulation environment. A portable RF flight test generator, it uses an intuitive graphical interface and multiple, simultaneous interactive interrogators or transponders to simulate a true flight experience; leverages a computer-generated motion program to provide accurate attenuation and delay of signals; mimics real-time coherent RF messaging in dense, dynamic signal environments; and uses KIV-77 cryptographic equipment for encoding Mode 4 and Mode 5 IFF systems.

The ViaSat VRG-1000 provides 50 independent IFF interrogator and 25 independent transponder platforms. It is capable of testing both Automatic Dependent Surveillance - Broadcast (ADS-B) and Mode 5 Level 2 (M5L2) technologies to source aircraft positioning and tracking. It also complies with strict Mark XIIA IFF specifications set forth by the DoD for use in high-density signal environments.

#### **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 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 statements about the ViaSat VRG-1000 system and its IFF capabilities, and the ability to reduce flight test time and overall flight testing costs. 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 industry 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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