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## **U.S. Department of Energy Award Funds Infrastructure Cybersecurity Development by ViaSat and Two Major Utilities**

### **ViaSat system can provide virtual view of networks and automatic response to cyber intrusions**

CARLSBAD, Calif., Oct. 24, 2013 /PRNewswire/ -- The U.S. Department of Energy (DOE) has granted eleven awards totaling approximately \$30 million for the development of new tools and technologies to strengthen protection of the nation's electric grid and oil and gas infrastructure from cyber-attack, including an award of \$3.25 million to ViaSat Inc. (NASDAQ: VSAT). The company will work closely with Southern California Edison and a large utility headquartered in the South to investigate, develop, and deploy an enhancement to ViaSat's critical infrastructure protection system that incorporates policy-based automated responses to cyber events, increasing the resiliency of transmission and distribution networks.

(Logo: <http://photos.prnewswire.com/prnh/20091216/VIASATLOGO>)

ViaSat's cybersecurity system focuses on securing utilities' operational grids, enabling energy, water, oil and gas, and transportation operations crews to manage security through a virtual display of the network. The system implements an authenticated and encrypted "security fabric" that protects machine to machine communications between devices, and provides grid operators with the ability to visualize the security state of the system. Sensors continually update the information in real time, creating a hierarchical view that operators can use to identify issues, then drill down to individual nodes to contain or fix problems as they arise.

### **Augments Traditional IT Security**

Traditional IT approaches have not adequately addressed the real-time control systems in the operational grid. ViaSat infrastructure protection provides these added benefits:

- Cyber-defense in depth by applying as an overlay to the best IT system security using firewalls, intrusion detection, deep packet inspection, analytics, network segmentation, device identity management and authentication, and other techniques.
- Policy based management to define/model appropriate device behavior, govern response to significant events, and other systems management features.
- Common operational picture of cybersecurity health for rapid network security fault assessment, analysis, and incident response.
- Integrates with additional systems such as physical security, physical access control, and user access control to make grid operations more resilient and reliable.

All DOE cybersecurity efforts align with the "Roadmap to Achieve Energy Delivery Systems Cybersecurity," jointly developed with energy sector companies. The Roadmap outlines a strategic framework over the next decade to design, install, operate, and maintain a resilient energy delivery system capable of surviving a cyber incident while sustaining critical functions.

### **The ViaSat Team**

ViaSat is teaming with both Southern California Edison and another major utility to provide an easy transition from the lab to test and rollout into operational networks.

"Our approach is to use our government information assurance expertise to develop systems that can help keep the nation's energy flowing," said Jerry Goodwin, VP and general manager of Secure Network Systems at ViaSat. "We look forward to working with our customers on this and future developments as the DOE implements its 10-year cybersecurity plan."

"We've been working with ViaSat very closely to develop our cybersecurity capabilities at SCE and this DOE grant validates our approach," said Jeff Gooding, principal manager, Smart Grid System Engineering at Southern California Edison. "The advanced response capabilities will be a big step forward towards enabling us to improve our response time to incidents."

**About ViaSat** ([www.viasat.com](http://www.viasat.com))

ViaSat delivers fast, secure communications, Internet, and network access to virtually any location for consumers,

governments, enterprises, and the military. The company offers fixed and mobile satellite network services including Exede<sup>®</sup> by ViaSat, which features ViaSat-1, the world's highest capacity satellite; service to more than 2,300 mobile platforms, including Yonder<sup>®</sup> Ku-band mobile service; satellite broadband networking systems; and network-centric military communication systems and cybersecurity products for the U.S. and allied governments. ViaSat also offers communication system design and a number of complementary products and technologies. Based in Carlsbad, California, ViaSat employs over 2,900 people in a number of locations worldwide for technology development, customer service, and network operations.

## **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 the design and development of an enhanced cybersecurity system. 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: negative audits by the U.S. government; continued turmoil in the global business environment and economic conditions; delays in approving U.S. government budgets and cuts in government defense expenditures; ViaSat's reliance on U.S. government contracts, and on a small number of contracts which account for a significant percentage of ViaSat's revenues; changes in relationships with, or the financial condition of, key customers or suppliers; reliance on a limited number of third parties to manufacture and supply ViaSat's products; increased competition and other factors affecting the communications and defense industries generally; the effect of adverse regulatory changes on ViaSat's ability to sell products and services; and ViaSat's dependence on a limited number of key employees. In addition, please refer to the risk factors contained in ViaSat's SEC filings available at [www.sec.gov](http://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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