

Enerdyne Releases Encryption Software for its EnerLinks™ Family of Digital Data Links

AES encryption with a 256 bit key provides advanced security to protect video and metadata ISR transmissions over Enerdyne line-of-sight data links

El Cajon, CA – February 25, 2009 – Enerdyne Technologies Inc., a ViaSat company, has announced the availability of an Advanced Encryption Standard (AES) option for its EnerLinks family of digital data links.

The AES option is immediately available for the EnerLinks™ II DVA (Digital Video over Analog), and will provide commercial grade, software based AES encryption using a 256 bit key. AES is an encryption algorithm routinely used to protect classified government and vital commercial transactions such as banking and financial data. As such it is more than adequate to secure the line-of-sight (LOS) ISR downlink from Unmanned Aerial Vehicles (UAVs) for almost all missions.

While UAVs expand their role in assisting warfighters with new operational concepts and added technological complexity for surveillance and reconnaissance, in most cases their LOS data links are vulnerable. Based on commodity analog components, the links can be received with commonly available receiver systems, potentially compromising military operations and endangering lives. Digital data links add a level of complexity with multiplexing, and forward error correction that can neutralize simple receivers. AES-256 based encryption secures the link and has no impact on system latency.

“We selected the EnerLinks II DVA first,” said Steve Gardner, Enerdyne GM, “because it has the unique ability to convert any analog data link to an advanced digital link by simply inserting a DVA module between the UAV sensor and analog transmitter. Maintenance technicians in the field can integrate the change.”

The Enerdyne AES system uses password based keys that are not classified and that do not require cleared personnel to operate. Key management is vastly simplified using a password. Passwords may be distributed using secure military voice or data networks. In the event of a compromise, new passwords may be efficiently disseminated.

The DVA uses proven technology deployed in hundreds of manned and unmanned aerial systems (UASs). Outside of classified applications, EnerLinks systems using the DVA waveform are flown on the upgraded Sentry HP™ and Neptune™ UAS platforms. The EL-II DVA has also been selected for use on Insitu’s Scan Eagle™ and Integrator™ UASs.

Enerdyne will add AES-256 to its EnerLinks III data links, and upon request to its EnerLinks II full duplex systems. The AES-256 option will be field upgradeable.

About Enerdyne

Enerdyne Technologies, based in El Cajon, California, is a wholly owned subsidiary of ViaSat Inc. (Nasdaq: VSAT). Enerdyne provides digital video data link systems for unmanned and manned airborne and other mobile platforms within the defense and intelligence industries and also provides advanced technologies in digital video compression and high performance, ultra-reliable RF transport.

ViaSat Inc. Safe Harbor Statement

Portions of this release, particularly statements about the performance and deliveries of products and technology, and the addition of AES-256 to the EnerLinks family, may contain forward-looking statements regarding future events and are subject to risks and uncertainties. ViaSat wishes to caution you that there are some factors that could cause actual results to differ materially, including but not limited to: 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 communications and networking industry generally. The company refers you to the documents it files from time to time with the Securities and Exchange Commission, specifically the section titled Risk Factors in the company's Form 10-K and 10-Q, which contain and identify other important factors that could cause actual results to differ materially from those contained in our projections or forward-looking statements. Stockholders and other readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date on which they are made. We undertake no obligation to update publicly or revise any forward-looking statements.

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