

EnerLinks™ System Converts Analog ISR Links to Digital

Product leverages existing TUAS FM transmitter with IP support, including H.264 compressed video, and range extension to the horizon

El Cajon, CA – August 6, 2007 – Enerdyne Technologies Inc., a ViaSat company and supplier of advanced Intelligence, Surveillance, and Reconnaissance data links, will introduce and demonstrate a unique digital data link for the Tactical Unmanned Aerial Systems (TUAS) industry at this week’s annual AUVSI conference and exhibition at the Washington DC Convention Center.

Tactical unmanned aerial vehicle (TUAV) manufacturers can use the new EnerLinks™II DVA (Digital Video over Analog) system to easily transform an L/S band analog FM video communication link into a flexible digital video and IP data link. UAS video link system hardware, including transmitters, power amplifiers, antennas, and cabling, is systemically embedded throughout the airframe assembly accounting for space, weight distribution, field assembly, and even flight dynamics. Conversion to a digital data link typically represents significant systems re-engineering, cost, and time to accommodate an end-to-end digital system from the sensors, through the downlink antenna. But a simple integration of the single circuit card EnerLinksII DVA system provides all the benefits of an advanced digital data link without changing any of the UAV RF components.

“Upgrading the air platform to digital can be an expensive, time consuming investment,” said Robert Varga, Enerdyne Marketing VP. “What the DVA system represents is ‘Effortless Digital’, requiring only the most basic integration, and extending the mission capabilities and useful life for many TUAVs.”

Today’s advanced data requirements for airborne ISR communications call for digital technology to provide not only IP data from video and other sensors, GPS and other telemetry, but also to deliver to the tactical warfighter the benefits of standardized video compression, link reliability, extended range performance, greater bandwidth and spectrum efficiency, and security. Yet most Tactical UAS platforms rely on basic analog FM transmitters for the ISR downlink. Some platforms even transmit vehicle metadata over an FM sideband. While these elementary systems serve a purpose, are widely available, and inexpensive, they are incapable of meeting current TUAV communication requirements in either content or format.

The new EnerLinksII DVA system provides simultaneous transmission of high quality compressed H.264 video and UDP/IP network traffic in the same bandwidth previously required to send only analog video. Using modern FEC techniques, the system delivers up to 12 dB improvement in link margin over the analog system -

equivalent to a 4X improvement in range performance. Requiring less than 10 watts, weighing under eight ounces, and occupying less than 35 in², the DVA system needs only a 12 volt power supply and a location on the aircraft between the onboard sensors and the FM transmitter

The EnerLinksII DVA system delivers coverage to the edge of the horizon often without expensive tracking antennas. The ground system can be equipped with an optional antenna to take advantage of the built in space diversity receiver for added protection against multipath fading, in many cases doubling the range performance.

Enerdyne will be demonstrating this product in the ViaSat booth 1406 at AUVSI. For more information and pricing, contact sales@enerdyne.com.

Enerdyne Technologies, based in El Cajon, CA, 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 ViaSat/Enerdyne products and technology, 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 telecommunications 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, 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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