

Enerdyne Overview

ViaSat provides advanced video data link systems for defense and intelligence markets, primarily for intelligence, surveillance, and reconnaissance (ISR) applications requiring bandwidth intensive data such as video from manned and unmanned aerial vehicles (UAV) to ground stations through its Enerdyne division. These products expand ViaSat offerings into growing Department of Defense (DoD) markets for persistent video surveillance and line of sight (LOS) video data links.

Founded in 1984, Enerdyne initially provided military-qualified video compression systems, used in UAVs such as the Predator and Hunter. The company's technical capabilities have expanded into highly integrated video data link equipment, now used in Special Operations Forces and Intelligence (SOF/I) communities, by the UAV industry, and other DoD applications.

The division employs 60 people. Enerdyne was acquired by ViaSat Inc. in June 2006.

Products

The **EnerLinks™III** is a versatile platform that allows customers to address DoD programs mandating interoperability as well as mission specific requirements for performance and functionality. This latest member of the EnerLinks data link family simultaneously transmits IP data, two channels of H.264 compressed video, frame synchronized metadata, and serial data. With proven high bandwidth efficiency, outstanding link performance, and range coverage to the horizon, its size, weight, and power consumption make the system especially well matched for tactical UAV applications. Recent additions include AES-256 encryption, and a complementary rugged portable Autosteering Antennas System that extends range performance.

The **EnerLinksII DVA** system easily re-purposes the existing UAV analog FM data link system to have all the advantages of an advanced digital link including IP sensor data support, and H.264 compressed video. EnerLinks products are network ready, and can manage and disseminate ISR content over any IP network using the **EnerView™** client software. Compatible with Windows XP or Windows 2000, this feature-rich product displays live video, includes full DVR support, archival search and retrieval of historical data by date time or location.

These products are ideally suited for the net-centric warfare concept of today's military, in which the dissemination of video and other imagery using standard data formats is a critical requirement.

Customers

Government programs include contracts directly with the Department of Defense, and with major U.S. defense companies such as Insitu, Northrop Grumman, Lockheed Martin, L-3 Communications, and DRS, including international firms such as Selex, Tadiran and Rafael.

Key Executives

Steve Gardner – General Manager

Bob Varga – VP Marketing & USA Bus. Development

Jim Petranovich – Chief Technical Officer

Mike Kulinski – VP International Business Development

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