



## JUNE 2017 NEWS & UPDATES

### [The Delta Family of Companies](#)



### Upcoming Events

#### [DSEI](#)

DDV & Ampex  
September 12-15  
London, UK  
Booth #N5-193

#### [Modern Day Marine](#)

##### DDV

September 19-21  
Quantico, VA  
Booth #N/A

#### [ITC](#)

DDV, GDP, Ampex &  
Acroamatics  
October 23-26  
Las Vegas, NV  
Booth #2041

Thanks for Visiting!

### Tech Tips: Why add deep learning analytics to your ISR and mission systems?

The new Deep Learning capability from [Ampex](#) moves analytics functionality to the point of acquisition, providing reduced workload and strain for human operators/analysts, offering data, image and video identification, understanding and annotation.

#### How will this system benefit you?

- KLV annotation metadata within the FMV downlink
- Cueing for the operator/analyst in the real-time feeds
- Quick search recording index of objects of interest
- Analysis and understanding of telemetry and EW data

The flexible convolutional neural network processor can be trained for a variety of identification functions and retrained as threats change. The system also eliminates the need for high power servers and is compatible with existing device platforms and hardware. [Contact us](#) to learn more.

### Explore the Pros and Cons of Next Gen Network Centric Telemetry Systems

Gary Thom, President of Delta Information Systems presented at ETTC in Toulouse, France on June 14th. Gary reviewed Real World Experiences with Network Centric Telemetry Systems.

Gary discussed the architectural decisions and difficulties in developing the next generation of networked telemetry ground stations. [Read the full article here.](#)



### Did You Know?

[GDP](#) and [Acroamatics](#) were among the first in the industry to embrace Ethernet as a primary method of transport for telemetry data. In addition to Ethernet support of IRIG-218 TMoIP (Telemetry-over-IP), their range of receivers, bit synchronizers, and TMoIP units provide a variety of Ethernet output solutions, including IRIG-106 Chapter 10 Ethernet output capability. Chapter 10 throughput and framed, both



Delta Digital Video thanks those who stopped by at InfoComm2017.

DDV displayed the latest generation of video [encoding](#) and [decoding](#) products for rugged and commercial environments.

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packed and unpacked, modes are supported to accommodate PCM-to-Ethernet transport. A variety of time-source transport capabilities ensure that downstream data arrives ready for recording, decommutation, and analysis. GDP and Acroamatics continues to be a leading provider of hardware integrated Chapter 10 functionality for a wide array of telemetry handling customers.

**Ready to learn more?** Check out these [TMoIP related articles](#) or [contact us](#) to schedule an on-site demonstration.

### Is It Time to Upgrade your Encoder?

[Delta Digital Video's](#) line of [rugged video encoders](#) are specifically engineered for harsh environments. Unlike many competing products that are converted "network appliances", DDV's encoders are designed for airborne, ground-mobile, and shipboard environments. They compress and multiplex payload video, audio, and metadata for real-time, low-latency transmission to remote hardware or software decoders via serial or Ethernet networks.

- Supports synchronous and asynchronous KLV metadata and can be configured to convert sensor telemetry into KLV encoded metadata
- MISB/STANAG compliant and JITC certified; MIL-STD-810/DO-160 compliant

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