



MARCH NEWS & UPDATES

[Delta Family of Companies](#)



Upcoming Events

[NAB Show](#)

Delta Digital Video

April 6-11

Las Vegas, NV

Booth #SL11818

[35th Space Symposium](#)

Ampex

April 8-11

Colorado Springs, CO

Booth #1442

[Army Aviation Mission Solutions Summit](#)

Ampex

April 14-16

Nashville, TN

Booth #152

[SPIE](#)

Delta Digital Video

April 16-18

Baltimore, MD

Booth #1029

[AUVSI Xponential](#) Delta Digital Video & Ampex

Delta Digital Video to Launch Next-Gen H.265 Video Encoder for Airborne, Ground-mobile, & Shipboard Missions

[Delta Digital Video](#), a long time supplier of cutting-edge video encoding solutions for Full Motion Video (FMV) transmission and exploitation, introduces the [Model 7805R H.265 Video Encoder](#). The Model 7805R offers all the advantages of [H.265 video compression](#) in a compact, rugged unit designed to meet the stringent requirements of air, land, and sea operations.

The Model 7805R is included in Delta Digital Video's line of next generation MISB/JITC compliant video encoding products engineered for the demanding environmental requirements of military ISR applications. It is designed around an advanced, high-speed, multi-media processor supporting both the H.265 (HEVC) and H.264 (AVC) video compression algorithms and resolutions up to 1080p. Despite high performance and low latency, the encoder power comes in at just under 10 Watts. Measuring less than 20 inches and weighing only a half-pound, the 7805R is an ideal solution for SWaP constrained platforms. In addition to a fully configurable network interface, the 7805R offers a PCM output for systems requiring a synchronous serial interface. The unit is easily configured for operation with any sensor and network.



The Model 7805R will be featured at [NAB Show](#), [SPIE](#), [SOFIC](#), and [AUVSI Xponential](#). [Visit Delta Digital Video's events page to see a schedule.](#)

Tech Tips: Combat the Effects of Multipath Distortion and Fading on a Telemetry Signal

Telemetry receivers may have trouble obtaining an unperturbed high-fidelity signal due to multipath interference distortion. Multipath distortion occurs when a signal, emanating from a source, encounters conditions that cause delayed versions of the original signal to be propagated along with the primary signal to the destination. Interactions between the primary and delayed signals result in a distorted signal that must be processed by the receiver.

[GDP Space Systems'](#) newest [Multi-band Range Telemetry Receivers](#) are engineered with the latest technology to provide Adaptive Equalization (AEQ). AEQ automatically adjusts its filter character to mitigate time varying distortions in its received signal. AEQ combats the effects of multipath distortion and fading on a telemetry signal, allowing the receiver to present a higher fidelity output.

[Watch the video below](#) to learn more about the Adaptive Equalization

April 30-May 2
Chicago, IL
Booth #4034 & #4538

**WE'RE
HIRING!**

Delta Digital Video

[Hardware / FPGA
Engineer](#)

GDP Space Systems

[Software Engineer](#)

AMPEX

[Software Sales
Engineer](#)

[Machine Learning
Software Engineer](#)

[Mid-level Software
Engineer](#)

[Senior Software
Engineer](#)

[Software Quality
Test Engineer](#)

[Cyber Security
Project Manager](#)

technology and its substantial performance improvements in a multipath environment.



Take Advantage of Acroamatics' Training Courses!

Did you know [Acroamatics](#) can provide education and training courses for their Telemetry Processing and Display Frame Synchronization and Decommuration Subsystems? Training includes configuration, operation and maintenance for Acroamatics' processing and display software and hardware products. Courses can be custom tailored to meet specific requirements and are offered at the California office, sister division offices, or the client's location of choice*. Courses offered include:

- TDP Software Configuration: Bit Sync, Frame Sync, Decom Bit Synchronizer, EU Processing, and Best Source Selector Operation
- Installation, Operation, and Understanding of Acroamatics' Telemetry Data Processing Equipment

Course location depends on travel distance and size of the group.

Complimentary Registration for AUVSI Xponential!

Register for [AUVSI Xponential](#) compliments of [Delta Digital Video](#) and [Amplex](#)! Free customer passes include access to Keynote

Sessions, XPO Hall entrance, and all food functions on the show floor.

Deadline to claim is April 23rd. [Click here to register.](#)



Cyber Defense Magazine Awards BLUE Lightning in Critical Infrastructure Protection Category!

AMPEX is proud to announce another win from [Cyber Defense Magazine](#)! The 2019 InfoSec Awards honored [BLUE Lightning](#) as the world's most cutting-edge cyber security product for Critical Infrastructure Protection!

This year, Cyber Defense Magazine (CDM) had scoured the globe and found nearly 3,000 companies that create and offer the most respected Information Security products and services. CDM has named less than 200 of these companies as winners of the coveted InfoSec Award for 2019.



Delta Information Systems | 215-657-5270 | <http://www.delta-info.com>

Delta Information Systems, Inc., 747 Dresher Road, Suite 125, Horsham, PA 19044

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