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JUNE NEWS & UPDATES

[Delta Family of Companies](#)



2018 Events

[European Test & Telemetry Conference](#)

ALL COMPANIES

June 26-28

Nuremberg, Germany

Booths #304 & #400

[AUVSI Pathfinder](#)

Delta Digital Video

August 21-23

Huntsville, AL

Booth #TBD

Delta Information Systems was proud to support the Inter-Faith Housing Alliance by donating 100 drawstring bags to the 21st Annual Golf Tournament & Luncheon on June 11th.



The Inter-Faith Housing Alliance helps families with children move toward self-sufficiency by working with them to set and reach goals through intensive case management, in-house programming & referrals to appropriate services.

Delta Information Systems Awarded AS9100D / ISO 9001:2015 Certification



[Delta Information Systems, Inc.](#) and its local subsidiaries, [Delta Digital Video](#) and [GDP Space Systems](#), are pleased to announce the successful audit and continued certification of our Quality Management System by ISOQAR Inc. and are in compliance with the latest versions of the ISO 9001:2015 and AS9100D Aerospace Quality Management System Standards. [View the certificate here](#) or [read the full press release here](#).

Model 7820R 2-Channel H.265 Video Encoder



[Delta Digital Video's](#) Model 7820R Video Encoder is specifically designed for harsh airborne environments. [Model 7820R](#) uses the super-efficient H.265 encoding algorithm to provide improved quality on constrained datalinks. The unit compresses standard definition or high definition full motion video, multiplexing it with compressed audio, synchronous and asynchronous metadata, and system information in compliance with Motion Imagery Standards Board (MISB) recommendations. Support for composite video and H.264 compression allows for integration with legacy infrastructures and provides a migration path to SDI High Definition video and H.265 / HEVC compression.

AMPEX Invited to Speak at Naval Postgraduate School's Defense Energy Seminar

[AMPEX](#) has been invited to speak about cybersecurity for critical infrastructure protection (CIP) industries at the [Naval Postgraduate School's](#) Defense Energy Seminar in Monterey, CA on July 20th. The seminar will introduce graduate students and faculty to issues impacting national energy such as policy, conservation, and technological innovation and advances.

Aaron Fansler, Chief Technologist of Cybersecurity and Intelligence, Surveillance, and Reconnaissance (ISR) at AMPEX, will lecture on ***Non-Traditional Attack Surfaces to CIP and Industrial Internet of Things (IIOT) Networks***. Aaron's overview describes how heating, ventilation, and air conditioning (HVAC) systems, building automation systems, and others can be used as potential attack vectors to pivot into other critical network environments along with [BLUE technology](#) and its capability to monitor, detect and stop attacks.



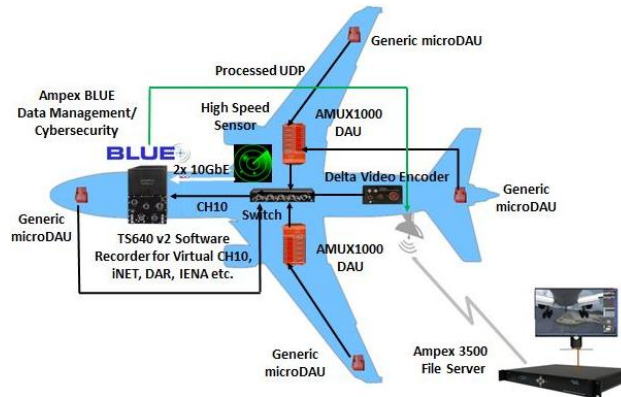
What are Customers Saying about GDP's Best Source Selectors?



[GDP Space Systems](#) has been the leading innovator of [Best Source Selector \(BSS\)](#) technology for over a decade, with units used daily at sites around the world. The Atlantic Test Range (ATR) at Patuxent River (PAX) has been using GDP's BSS units successfully since 2007. Telemetry Engineering Lead at PAX, Dennis G Normyle, presented the substantial benefits of using BSS technology and its effective implementation at PAX during the Defense & Aerospace Test & Telemetry (DATT) Summit held on June 5-7, 2018. View the [Implementing Telemetry Best Source Selection at ATR Patuxent River presentation here](#).

Next Generation High-speed Network Flight Test Instrumentation Solutions

The integration of various high-speed sensors and 10GbE+ backbones within the flight test instrumentation (FTI) community has vastly increased data rates, on-board processing requirements, pure network architecture, and cybersecurity requirements. These new high-speed systems often need to record traditional low-speed data such as PCM, 1553, video, analog and discrete signals. Conventional hardware based CH10 recorders are too slow for new programs, have too much latency, and limited processing power. The new requirements for recording high and low speed signals in a usable and protected format has moved the industry towards new FTI technology.



AMPEX is the only avionics company to offer a complete, high-speed, NextGen FTI solution that is designed to combine conventional data and new network requirements in a future proof system with [machine learning](#) based data management and [cybersecurity](#) options. [View larger image.](#)

- High-speed to 40GbE+
- Dense storage 80TB+
- Multiple high bandwidth signal inputs
- Traditional low-speed FTI signal inputs
- A software recorder - virtual CH10, DAR, IENA, iNET, etc.
- Open systems and standards
- Low latency
- On-board machine learning based data management
- Cybersecurity on the edge

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