DELTA INFORMATION SYSTEMS, INC.

DECEMBER NEWS & UPDATES

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DELTA Digital Video

GDP SPACE SYSTEMS

ACROAMATICS TELEMETRY SYSTEMS
a Delta Information Systems company

AMPEX

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Ampex
Feb 5-7
New Orleans, LA
Booth #12627

[Avalon Australian Int'l Airshow & Aerospace & Defence Expo](#)
Ampex
Feb 28 - March 3
Geelong, Victoria
Booth #CA Pavilion

We're HIRING

Ampex Data Systems

Avionics Software Engineer

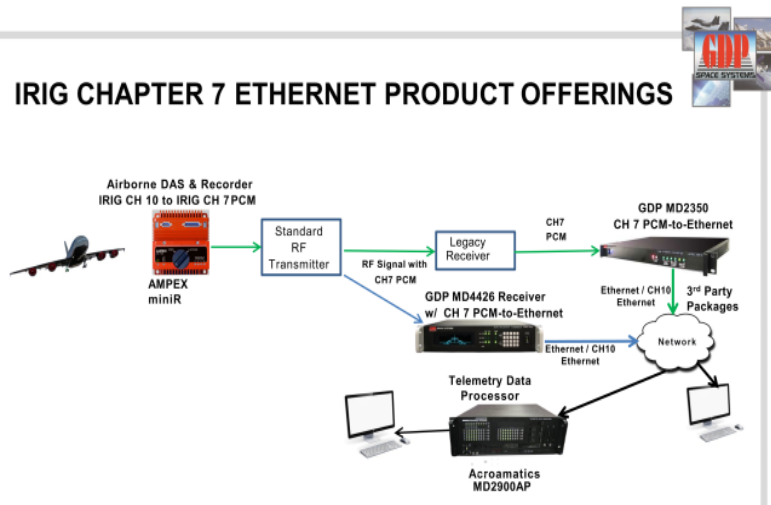## IRIG CH7 Serial-to-Ethernet Function Now Available

[GDP Space Systems](#) has integrated the IRIG Chapter 7 (CH7) Serial-to-Ethernet function, supporting the IRIG Chapter 11 (CH11) protocol, as a new mode in the [Model 2350 Telemetry Gateway](#). Initially, the Model 2350 Telemetry Gateway was designed to transport PCM Telemetry-over-IP utilizing a variety of protocols including IRIG218 (TMoIP Standard).

This new mode acquires the CH7 transport frame through one of its PCM input ports then processes and extracts the CH11 packets across the IP network. The IRIG CH7 standard defines the method for transporting variable-length data formats in a Chapter 4 (CH4) PCM stream. By inserting and encapsulating data from one or more data streams into a CH7 PCM stream, standard data formats defined by IRIG CH11 (recorders), IRIG CH24 TMNS (airborne network data acquisition) and standard Ethernet frames may be transported via Model 2350 Telemetry Gateway.

At remote locations across the test infrastructure, processing and recording of the IRIG CH11 packets can be accomplished using Acroamatics' [Model 2900 Telemetry Data Processor](#) or via 3rd party software processing applications, while being stored on the standalone [Model 3500 Ethernet Recorder](#).

The Serial-to-Ethernet function has also been included in the [Model 4426 Telemetry Receiver](#), which can directly ingest CH7 over the RF link and output the transported Ethernet.

Ampex Announces Long Term Agreement with Collins Aerospace

Ampex is proud to announce the signing of a long term agreement with Collins Aerospace to deliver [TuffServ](#)© solid state recorders (SSRs), memory storage systems, and mission data loaders for use in Collins

Aerospace's MS-110 airborne reconnaissance systems.

The TuffServ SSRs will leverage use of the Ampex Common Compute Environment, which includes network attached storage (NAS) software and graphical user interfaces common to all TuffServ airborne NAS products. Ampex will provide support from its headquarters in California.

The TuffServ series is designed to perform in extreme airborne, ground, and space environments and offers the fastest ruggedized Network File Servers on the market. Additionally, the TuffServ series supports the full spectrum of commercial and military operations to include Intelligence, Surveillance, and Reconnaissance and Flight Test, provides removable storage capacities up to 100TB, and a range of interfaces and software capabilities.

"This agreement is a fundamental, ongoing part of Ampex's strategic approach to working with leading edge mission system providers in the high data rate market," stated Jim Orahood, Vice President and General Manager. "We are exceptionally proud to have been selected by Collins Aerospace and look forward to continued success in supporting this multi-year effort."

Learn more about Ampex's TuffServ Network File Server Series here.

Keep Your Data Safe & Secure

Held annually on **January 28th**, National Data Privacy Day aims to increase awareness of privacy and data protection among consumers, organizations, and government officials. The reliance on computers, networks, control systems, and embedded devices has exponentially increased the cyber-attack surface.

HAPPY
DATA
PRIVACY
DAY!

AMPEX's Cyber, Electronic, Analysis, Development & Integration Laboratory (CEADIL) is designed to further increase reliability and safety for flight and ground control systems. The CEADIL provides state-of-the-art development, testing, modeling, simulation, and training for the full spectrum of cyber and electronic equipment, applications, and personnel with an emphasis on cyber operations, airborne / ground-based control systems, and associated networks.

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