



SEPTEMBER NEWS & UPDATES

ACROAMATICS
TELEMETRY SYSTEMS

AMPEX
Excellence at the Edge

DELTA
Digital Video



Upcoming Events

[ICS Cyber Security Conference](#)

Ampex

October 21 - 24
Atlanta, GA

[International Telemetry Conference](#)

ALL COMPANIES
October 21 - 24
Las Vegas, NV
Booth #

[56th Old Crows International Symposium & Convention](#)

Ampex

October 28 - 30
Washington, D.C.
Booth #318



Would you like to be part of a team that develops, maintains, and supports the latest technologies in cyber security, data

Simplify Real-time & Post Test Support with Acroamatics' Display & Analysis Tool

[Acroamatics'](#) Display & Analysis Tool (ADAT) is a setup, display and analysis tool built to support the real-time acquisition and post processing playback of telemetry data using [Acroamatics' Telemetry Data Processor \(TDP\)](#). ADAT offers one system for both phases of testing; reducing training, improving efficiency, and simplifying data analysis.



ADAT provides an easy to use, intuitive interface for setup, configuration, operation and run-time control/status of the TDP hardware. ADAT is a cross-platform application which runs on Windows 7, Windows 10, and Red Hat Enterprise Linux 7. Additional features include:

- Real-time Quick-look Displays
- Free-form Display Windows and Tabs
- Re-sizable and Movable Display Widgets
- Horizontal and Vertical Strip Charts
- Bar Charts and Tabular Displays
- Artificial Horizon, Dial Displays, and More...
- Post Test Analysis Displays
- Pause, Scroll, and Zoom
- Time Correlated and Synchronized Displays

Accomplish More with High-performance Rugged Video Encoding

Check out Delta Digital Video's [Model 6820R 2-Channel HD/SD Rugged Video Encoder](#) in action at a recent testing. Delta Digital Video's Model 6820R supports up to two channels of video with resolutions up to 1080p and multiplexes them with metadata and other system information for real-time video transmission and recording applications. Designed for any airborne or ground-mobile application, specifically military ISR missions, the 6820R is qualified to MIL-STD-810/461/704 and compliant with the Full-motion Video (FMV) standards developed by the U.S. Government's Motion Imagery Standards Board (MISB) and STANAG. The [Model 7820R 2-Channel HD/SD Rugged Video Encoder](#) is the next generation of the widely deployed Model 6820R; it supports both H.264 and H.265 and provides a significant improvement in bit rate efficiency and video quality.

management, and data analysis?

AMPEX's **Colorado Springs, CO** location is looking for new teammates.

APPLY NOW
we're offering a
SIGN-ON BONUS!

[Software Engineer II](#)

[Software Engineer III](#)

[Senior Software Engineer](#)



Did you know? Delta Digital Video's Model 6820R was part of the successful transatlantic crossing of General Atomics Aeronautical Systems, Inc.'s (GA-ASI's) prototype MQ-9B SkyGuardian. The aircraft has become the first Medium-altitude, Long-endurance (MALE) Unmanned Aircraft System (UAS) to cross the Atlantic Ocean. [View the full story here.](#)

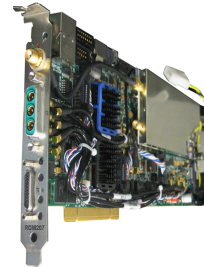
GDP Space Systems' RDM207 PCI Receiver Selected for Key Space & Missile Test Range Applications

[GDP Space Systems'](#) has been selected to supply multiple [RDM207 \(PCI\) Digital RF/IF Board Level Receivers](#) in support of missile and launch testing for Standard Missile and Minuteman intercontinental ballistic missile (ICBM) programs.

Offering the same unparalleled performance as GDP's [Model 4426 range-quality Digital RF Receiver product line](#), the RDM207 includes optional RF link and noise mitigation improvements such as:

- Viterbi Decoders/Bit Syncs
- Low Density Parity Check (LDPC) coding to improve link margin while using less bandwidth
- [Adaptive Equalization \(AEQ\) to mitigate multipath distortion](#)

The RDM207 Receiver operates up to 40 Mbps and is capable of supporting aircraft flight-testing. Recent updates allow for acquiring and processing the IRIG106 Chapter 7 data streams that output the resulting data packets to Ethernet for downstream processing. Overall, the RDM207 is a well-rounded [telemetry receiver](#) designed for various portable telemetry applications while providing users with range-quality performance.



Ampex Announces Multi-year Contract with Collins Aerospace for U.S. Navy's E-2D Hawkeye Trainers

[Ampex](#) has signed a Long-Term Agreement contract with Collins Aerospace. Collins Aerospace will deliver the E-2D Aircraft Training Systems under contract to the U.S. Navy. In addition to multiple [TuffServ282 \(TS282\) Rugged Network File Servers \(NFS\)](#), Ampex will be delivering supporting storage media for use in the United States Navy's E-2D Hawkeye trainers. Ampex will supply multiple shipset systems over a three year period.

The U.S. Navy's E-2D Hawkeye is an airborne early warning and command and control aircraft system that provides expanded battlespace awareness for carrier-strike groups. Its two-generation leap in radar technology allows the E-2D to work with ship-, air- and land-based combat systems to track and defeat air, ship and cruise missiles

at extended range. Furthermore, the E-2D can also be used as a humanitarian assistance and disaster relief aircraft for civilian emergency coordination.

Known as the fastest ruggedized Network File Servers on the market, Ampex's [TuffServ Series](#) is engineered to perform in extreme airborne, ground, and space environments. Built for rugged environments with MIL-STD power and connectors, the TS282 meets the real-world needs of operators with features such as built-in power hold up, a front-panel display to help identify and resolve anomalies, two media types to allow for different data sources, and service features to facilitate maintenance. Additional features include; more than 200MB/s sustained read or write throughput, standard dual gigabit Ethernet interfaces, and 6 second full load power holdup. [To learn more, view the datasheet here.](#)



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