



NEWS RELEASE

FOR IMMEDIATE RELEASE

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Curtiss-Wright Showcases Industry-Leading Flight Test Instrumentation Hardware and Software Solutions at International Telemetry Conference (ITC) 2023

FTI solutions on display will include a compact TSPI unit, a TmNS-compatible bi-directional RF communication system, a compact and modular all-in-one telepack, and real-time FFT processing for telemetry bandwidth optimization

International Telemetry Conference (ITC), Las Vegas, Nevada (Booth #925) – October 24, 2023 – Curtiss-Wright’s Defense Solutions Division, a leading supplier of [flight test instrumentation \(FTI\)](#) solutions engineered for success, will demonstrate its latest fully integrated FTI system solutions at the International Telemetry Conference (ITC), October 24-26, 2023. During the technical sessions of the conference, Curtiss-Wright subject matter experts will present several technical papers that cover a broad range of FTI topics.

“Curtiss-Wright leads the flight test instrumentation industry in supplying comprehensive, reliable, and flexible solutions,” said Brian Perry, Senior Vice President and General Manager, Curtiss-Wright Defense Solutions Division. “Flight test programs are complex, with ever-increasing demands for more data. Any delay or unplanned extra flight adds cost and increases the risk of schedule slips. Our leading technologies meet the need for more data, while our fully integrated system approach mitigates the risk of delays by ensuring the entire FTI technology chain works together. This

provides our customers with a complete, proven, and future-proof system solution from a single trusted supplier.”

Live In-Booth FTI Solution Demonstrations

At ITC, Curtiss-Wright’s booth will feature several live demonstrations of advanced FTI technologies, including:

- **TmNS air to ground system solution:** This demonstration highlights QoS features, data on demand, data slice retrieval, and obtaining TSPI data.
- **Tactical time-space position information (TSPI) acquisition and recording:** The highly accurate small form factor [nTTU-2600](#) unit will demonstrate its TSPI acquisition and recording capabilities.
- **Miniature Airborne Telemeter System (MATS):** This [modular telepack solution](#) includes encryption and transmitter modules in one complete system.
- **MnACQ-2700 data acquisition and encoding:** This demonstration of Curtiss-Wright’s new [MnACQ](#) product family features CH10 UTH and TmNS support and a new high-speed bus acquisition module.
- **[Axon / ADAU](#) data acquisition and recording:** The demonstration includes recorder, CAN-FD, and real-time FFT processing modules, as well as how to daisy-chain chassis without using a separate switch module.
- **IADS RT Station and Post Test Explorer:** [IADS RT Station’s](#) and [Post Test Explorer’s](#) new features and benefits for FTI applications are shown in this demonstration.

FTI Technical Papers

Curtiss-Wright will also present the following eight technical papers at the conference’s technical program:

Tuesday, October 24

- Diarmuid Collins: User Friendly Edge Computing in FTI Networks (SESSION 1: Bronze 1: 4:40 p.m.)
- Stephen Curran: Space Telemetry Devices – Surviving and Measuring High-Level Shocks (SESSION 1: Bronze 1: 5:20 p.m.)
- Ben Kupferschmidt and Thomas Grace/NAVAIR: An End-To-End TmNS System with MDL (SESSION 2: Bronze 2: 4:00 p.m.)
- Ben Kupferschmidt and Rocco Docimo: Data On Demand - Using TmNS to Request Recorded Data That Wasn't Telemetered (SESSION 2: Bronze 2: 4:20 p.m.)
- Ben Kupferschmidt: Considerations for Telemetry for Hypersonic Applications (SESSION 3: Bronze 3: 5:00 p.m.)

Wednesday, October 25

- Rocco Docimo: Ethernet-Based Wireless Rotor Transmission (SESSION 6: Bronze 1: 10:00 a.m.)
- Ben Kupferschmidt and Rocco Docimo: Miniature High-Accuracy Time Space Position Information Data Acquisition (SESSION 8: Bronze 3: 10:20 a.m.)
- Dale Jones: Advances in Developing a Unified Post-Flight Analysis System (SESSION 13: Bronze 4: 3:00 p.m.)

For additional information about Curtiss-Wright Defense Solutions products, please visit www.curtisswrightds.com, LinkedIn, and X (formerly Twitter) @CurtissWrightDS.

About Curtiss-Wright Corporation

Curtiss-Wright Corporation (NYSE:CW) is a global integrated business that provides highly engineered products, solutions and services mainly to Aerospace & Defense markets, as well as critical technologies in demanding Commercial Power, Process and Industrial markets. We leverage a workforce of approximately 8,400 highly skilled employees who develop, design and build what we believe are the best engineered solutions to the markets we serve. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing innovative solutions through trusted customer relationships. For more information, visit www.curtisswright.com.

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