NEWS RELEASE

Curtiss-Wright Introduces First 10GbE Line-Rate Data Recorder for Flight Test Instrumentation Applications

New nREC-7000-1 data recorder supports unmatched sustained record rate of up to 1,800 MBps, stores up to 12 TB of critical FTI data

ASHBURN, Va. - June 27, 2019 – Curtiss-Wright's Defense Solutions division today announced that its Aerospace Instrumentation business unit, a trusted leading supplier of flight test instrumentation (FTI) solutions, has introduced the industry's highest performance network data recorder. The new **nREC-7000-1** can store data at unprecedented sustained speeds, with support for 1,000 Megabytes per second (MBps) data rates over each of its four 10 Gigabit Ethernet (GbE) ports. Flight test engineers who confront the daunting challenge of capturing a veritable firehose of data from today's high-speed data acquisition units (DAUs) and modern high-speed avionics buses now have a compelling solution for recording data without compromising speed or accuracy. With the ability to capture FTI data at sustained full-line-rates, the nREC-7000 is the first FTI network recorder to support simultaneous data recording of multiple data formats such as DARv3, PCAP, IRIG-106 Chapter 10/11[1], and NFS. This cost-effective intelligent, network-based IP packet recorder and file server is designed for use with Aerospace Flight Test DAUs, high-speed video cameras, and multiplexers. It can be used either as standalone or as part of a complete Curtiss-Wright FTI system solution.

"With the introduction of the FTI industry's highest performance network data recorder,

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[1] Chapter 10/11 data can be acquired from an external multiplexer using Chapter 10/11 UTH v2, and/or internally generated Chapter 10/11 from the 10GBASE-SR input port(s).

Curtiss-Wright further establishes its leadership position as a supplier of advanced solutions for FTI systems," said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division.

The nREC-7000-1 can record an industry leading sustained record rate of up to 1,800 MBps. Captured data is stored in dual hot swappable RMM cartridges, supporting up to 12 TB of data per recorder unit. The recorder's I/O includes two 10GBASE-SR ports and two 1000BASE-T ports.

System Level FTI Solutions

Curtiss-Wright provides FTI system solutions that integrate with data acquisition and recording systems. The nREC-7000-1 can be rapidly integrated with Curtiss-Wright's industry-leading range of Ethernet enabled FTI products – including the NSW-16GT-1 10GbE Network Switch, and DAUs – to develop a fully integrated system solution.

For more information on Curtiss-Wright Defense Solutions products, please visit www.curtisswrightds.com.

About Curtiss-Wright Corporation

Curtiss-Wright Corporation is a global innovative company that delivers highly engineered, critical function products and services to the commercial, industrial, defense and energy markets. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing reliable solutions through trusted customer relationships. The company employs approximately 9,000 people worldwide. For more information, visit www.curtisswright.com.

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