



## NEWS RELEASE

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FOR IMMEDIATE RELEASE

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### **Conduction Cooled XMC Card Adds sFPDP, GbE and 10GbE Data Capture to COTS Data Recorder Subsystems from Curtiss-Wright**

*New highly accurate Universal Capture Card (UCC) supports time stamping and channel synchronization*

ASHBURN, Va. – April 23, 2015 – [Curtiss-Wright Corporation](#) (NYSE: CW) today announced that its [Defense Solutions](#) division has introduced a new high-speed data capture card for use with its family of rugged COTS data recorder solutions. The new **Universal Capture Card (UCC)** is Curtiss-Wright's first conduction-cooled capture XMC (VITA 42) card designed for use with rackmounted storage solutions such as the [Multi-Channel Synchronized Recorder \(VR-MCSR\)](#), and rugged deployable solutions such as the [Compact Network Storage 4-slot \(CNS4\)](#) data recorder. Ideal for use with rugged deployed aerospace and defense applications, the UCC module captures sFPDP, GbE and 10GbE data. To ensure highly accurate data recording and playback, the card performs time stamping and channel synchronization. The UCC speeds and simplifies the integration of high-speed multi-channel data recording into rugged deployed applications to capture and record sensor data in airborne and ground vehicles such as UAVs and other ISR platforms.

"Our new rugged Universal Capture Card XMC module enables system designers to easily deploy advanced high-speed data recording capabilities for ISR missions in harsh aerospace and defense environments," said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division.

#### **Curtiss-Wright Data Recorder Solutions**

The new rugged UCC card is optimized for use with Curtiss-Wright's family of COTS data recorders, such as the Company's MCSR and CNS4 products. Curtiss-Wright comprehensive range of rugged data recorders includes video recorders, board level recorders, rackmount recorders, and custom recorders. These subsystem solutions include COTS and turnkey COTS subsystems in configurations that meet all requirements from laboratory development to rugged deployed environments.

**MCSR:** The Multi-Channel Synchronized Recorder System (MCSR) supports sFPDP, Ethernet, and 10 GbE protocols. This turn-key, scalable streaming data recorder system family consists of uniquely equipped 1U controllers with space-saving removable storage in the chassis. MCSR systems can support various protocols including sFPDP, Ethernet and 10 GbE protocols.

**CNS4:** The Compact Network Storage 4-slot (CNS4) is a conduction-cooled, high-performance data recorder with scalable storage and encryption options. The CNS4 incorporates the UCC card to capture high-speed data. The CNS4 is a modular design consisting of a full ATR Chassis and up to four (4) Flash Storage Modules (FSM-C). The FSM-C modules plug into the CNS4 backplane and are housed behind an easy-to-open access door. The FSM-C modules are easily removed from the CNS4 chassis with tool-less wedge-locks. This rugged file server is designed for use in a broad range of both manned and unmanned ground, air, and sea vehicles.

Download our white paper, "[Challenges of Designing Multi-Channel, High-Speed Data Recording and Playback Systems](#)" to learn more about developing a multi-channel, high-speed data recorder and playback system.

**Sales inquiries:** Please forward all Sales and reader service inquiries to Kavita Williams, Curtiss-Wright Defense Solutions, Tel: (661) 705-1142; Fax: (661) 705-1206; email: [ds@curtisswright.com](mailto:ds@curtisswright.com).

For more information about Curtiss-Wright's Defense Solutions division, please visit [www.cwcdefense.com](http://www.cwcdefense.com).

### **About Curtiss-Wright Corporation**

Curtiss-Wright Corporation (NYSE:CW) 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](http://www.curtisswright.com).

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