



NEWS RELEASE

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RUGGED DATA RECORDING SYSTEM THAT COMBINES FLEXIBLE I/O, ENCRYPTION, AND REMOVABLE STORAGE ANNOUNCED BY CURTISS-WRIGHT

New scalable Compact Network Storage (CNS4) system now deploys encrypted data recording and removable storage in a single unit

ASHBURN, Va. – JUNE 15, 2015 – [Curtiss-Wright Corporation](#) (NYSE: CW) today announced that its [Defense Solutions](#) division has introduced an enhanced version of its rugged [CNS4 Compact Network Storage](#) subsystem that, for the first time, combines data recording, encryption and removable storage in a single rugged chassis. The conduction-cooled unit provides a high degree of I/O front-end flexibility, with support for Gigabit Ethernet (GbE), 10GbE, Serial FPDP and other interfaces. This rugged, high-capacity data recording solution was designed for military applications that require high-speed data recording, cryptography and removable storage. It ensures the integrity of critical data in demanding military environments such as those endured by transports, helicopters, UAVs and mobile radar systems. With its high-density storage capacity, broad support for multiple network protocols and encryption capabilities, the CNS4 enables system designers to address all of their data recording requirements with a single solution, eliminating the need for separate, multiple data recorders.

“The IO flexibility of our CNS4 Compact Network Storage subsystem, coupled with its advanced encryption capabilities, enables this rugged data recorder to be fielded in deployed applications where the capture and security of the data is critical,” said Lynn Bamford, Senior Vice President & General Manager, Curtiss-Wright Defense Solutions division. “Built to meet evolving storage, protocol and encryption requirements, this data recorder provides unparalleled flexibility to ensure that your mission critical data recorder keeps pace with your application’s expanding needs.”

Flexible I/O

To support modern avionics and sensor management systems, the CNS4 is designed to support various I/O interfaces. In addition to its four (4) built-in GbE ports, CNS4 also provides a 3U VPX slot for additional I/O. It also supports Curtiss-Wright’s recently introduced [Universal Capture Card \(UCC\) XMC module](#) that enables the system to record multiple channels of

sFPDP, GbE and 10 GbE data. In addition, in combination with a VPX carrier card, the CNS4 can host a wide-range of I/O XMC cards such as 1553 and ARINC-429 for capturing legacy protocols.

Scalable Storage

The modular CNS4 can be configured with up to four (4) Curtiss-Wright [Flash Storage Modules \(FSM-C\)](#) in a fully rugged, conduction-cooled ATR chassis, with capacities of up to 8TB (2TB per FSM-C). Based on industry standard 2.5” solid state drives, the FSM-C capacity will increase as the storage capacities SSD drives increase. The FSM-C features a 100,000 insertion cycle connector which is critical for mobile applications such as Mission Recorders, Unmanned Vehicle Data Loaders, Mobile ISR Systems and Ground Vehicles.

Data Protection with Type 1 Encryption

In addition to its VPX I/O slot, the CNS4 chassis also accommodates a 3U VPX inline media encryptor (IME) certified for Secret and Below Information (SABI) in attended systems. A Crypto Ignition Key (CIK) is mounted on the CNS4 front panel when this IME is used. Additional encryption options are available.

Additional Information

For more information on Curtiss-Wright’s data recorder, encryption and removable storage solutions, please visit <http://www.curtisswrightds.com/products/electronic-systems/data-recorders/>.

Sales inquiries: Please forward all Sales and reader service inquiries to ds@curtisswright.com.

For more information about Curtiss-Wright’s Defense Solutions division, please visit www.curtisswrightds.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.

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