



NEWS RELEASE

FOR IMMEDIATE RELEASE

Contact: John Wranovics
M: 925.640.6402
jwranovics@curtisswright.com

Curtiss-Wright Introduces High Speed 10 Gigabit Ethernet Network Attached Storage with Two-Layer Encryption to Protect Critical Sensor Data on Deployed Platforms

New HSR10 network attached storage (NAS) system provides up to 32 TB storage capacity and two-layers of data encryption and roadmap to CSfC encryption

ASHBURN, Va. – May 20, 2021 – Curtiss-Wright's Defense Solutions division, a trusted, proven supplier of rugged encrypted data storage systems, has expanded its family of network attached storage (NAS) devices with the introduction of the new [HSR10](#), its first commercial off the shelf (COTS) 10 Gigabit Ethernet (GbE) NAS solution. The HSR10 provides dual 10 GbE interfaces and two layers of encryption to protect up to 32 Terabytes (TB) of critical data-at-rest (DAR) on deployed air, sea, and ground platforms. Today's modern deployed C5ISR platforms capture and process large amounts of sensor data for mission success. System integrators increasingly seek rugged network storage solutions with the high bandwidth and storage capacities needed to support these critical applications. The HSR10's dual 10 GbE interfaces support up to 2.4 GB/s of data throughput to deliver the high performance needed to keep up with today's ever-growing torrent of sensor information. The HSR10's two layers of encryption are provided via a combination of software full disk encryption (SWFDE) and hardware full disk encryption (HWFDE). For system designers that require National Security Agency (NSA) Commercial Solutions for Classified (CSfC) encryption, the HSR10 will be submitted for National Information Assurance Partnership (NIAP) and Common Criteria Recognition Arrangement (CCRA) certification. That means, once approved, the HSR10 can be deployed for CSfC-based applications.

“Curtiss-Wright continues its commitment to lead the industry in delivering rugged secure storage solutions for deployed data-at-rest,” Chris Wiltsey, Senior Vice President and General Manager, Curtiss-Wright Defense Solutions division. “With its dual 10 Gigabit Ethernet interfaces providing high throughput, our new HSR10 eliminates data bottlenecks on sensor-rich platforms and provides two-layers of encryption to protect up to 32 Terabytes of critical data. Even better, it provides a direct roadmap solution for system designers seeking high speed CSfC solutions for securing critical data-at-rest.”

The high-speed HSR10 features a PCI Express (PCIe) architecture and NVMe memory (8/16/32 TB) that connects directly to the system processor at flash memory speeds. The NVMe memory (~50% faster than SATA based memory) is housed in a rugged Removable Memory Module (RMM) that eases the secure transfer of data for post-mission analysis. The HSR10 is ideal for use in manned and unmanned deployed network-centric system applications.

A Leading Supplier of Two-Layer and CSfC Encryption Solutions

Curtiss-Wright is an industry leader in bringing the cost and schedule benefits of two-layer encryption to rugged data storage solutions. Our DTS1 Rugged Network Attached File Server, is the embedded industry’s first commercial off-the-shelf (COTS) DAR storage solution designed to support two layers of full disk encryption (FDE) in a single device. It uniquely incorporates two distinct layers of Commercial National Security Algorithm (CNSA) Suite cryptographic encryption into one device, making protection of Top Secret data more cost effective and yet low risk. For additional information about Curtiss-Wright data storage solutions, please visit www.curtisswrightds.com, LinkedIn, and Twitter @CurtissWrightDS.

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 Aerospace and Defense markets, and to the Commercial markets including Power, Process and General Industrial. 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 8,200 people worldwide. For more information, visit www.curtisswright.com.

###

NOTE: All trademarks are property of their respective owners.