NEWS RELEASE

FOR IMMEDIATE RELEASE

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

Curtiss-Wright's NSA Approved, Common Criteria Certified DTS1 Storage Device Now Qualified for Extended Operating Temperature Range (-45º to +85ºC)

Actively cooled, rugged, NAS device now brings Top Secret protection of data-at-rest to most demanding air, ground and sea deployed platforms

ASHBURN, Va. – April 6, 2020 – Curtiss-Wright's Defense Solutions division, a trusted leading supplier of rugged data storage and protection solutions, announced today that its **Data Transport System (DTS1) Network Attached Storage (NAS)** device, the embedded industry's first commercial off-the-shelf (COTS) data-at-rest (DAR) storage solution to support two layers of full disk encryption (FDE) in a single device, has been fully tested and validated for operation at the extended -45º to +85ºC operating temperature range per MIL-STD-810G methods and procedures. This qualification makes the DTS1 ideal for use in the harshest deployed military environments, including high altitude, long endurance (HALE) UAS platforms that must operate as high as 40,000 ft. The DTS1 is the only Common Criteria certified NAS solution endorsed by the NSA and approved by NATO with two certified encryption layers. A cold plate was used for the active cooling testing, and included an integrated DTS1 unit containing a 2 terabyte removable memory cartridge (RMC).

"We're very excited that our industry-leading DTS1 network storage and encryption solution has now been validated for deployment in the harshest, most demanding military environments, whether at high altitude, on an unmanned aircraft, or in a space constrained, densely packed ground vehicle deployed in the desert," said Lynn Bamford, President, Defense and Power. "With support for actively cooled -45º to +85ºC operation, the certified DTS1 is now able to support a much wider range of environmentally challenging applications, bringing cost-effective, NSA-approved protection of data-at-rest to many more programs."

About the DTS1 Two Layer Encryption Approach

The DTS1 uniquely incorporates two distinct layers of AES 256-bit encryption into one device, making protection of Top Secret data more cost effective and low risk than traditional NSA Type 1 device development. Both the hardware and software FDE layers have been individually evaluated and certified against two Common Criteria protection profiles: (1) collaborative Protection Profile for Full Disk Encryption – Encryption Engine; (2) collaborative Protection Profile for Full Disk Encryption – Authorization Acquisition. The DTS1 has also been approved to be on NATO Information Assurance Product List (NIAPC).

About the DTS1

The very small DTS1 NAS device, which weighs only 3.77 lb. (1.71 kg) and measures only 1.5 x 5.0 x 6.5" (38.1 x 127 x 165.1 mm), delivers up to 4 TB of solid state storage (SSD) with two layers of certified encryption. It supports PXE protocol so that network clients on a vehicle or aircraft can quickly boot from the encrypted files on the DTS1's RMC. This approach both facilitates software updates for network clients and significantly reduces SWaP by eliminating the need for individual hard disks in each network client. Curtiss-Wright offers two mounting options for the DTS1, the VS-DTS1SL-FD, which is designed for cockpit use with DZUS mounting panel, and the VSDTS1SL-F, which uses L-brackets to support very flexible mounting within space-constrained platforms. The L-bracket configuration supports mounting on a cold plate for the extended temperature range.

The DTS1 enables any network-enabled device to retrieve stored data or save new captured data. Networked devices using heterogeneous operating systems (Linux®, VxWorks®, Windows®, etc.) that support industry standard NAS protocols (i.e., NFS, CIFS, FTP, or HTTP) can store data on and retrieve data from the DTS1. The DTS1 also supports iSCSI protocol for block data storage and PCAP protocol for Ethernet packet capture. The DTS1 is designed to ensure system resiliency and secure operation to thwart cyber attacks.

The Common Criteria Advantage

The DTS1 has been evaluated against a common set of international standards, enabling system designers in 31 Common Criteria Recognition Agreement (CCRA) member countries in Europe, Middle East, North America, and Asia, and the NATO states, to confidently, without requiring further evaluation, select the device to greatly reduce the development time of their deployed encryption solution. The rugged small form-factor DTS1 NAS device is designed to store and protect large

amounts of data on helicopters, fighters, unmanned aerial vehicles (UAV), unmanned underwater vehicles (UUV), unmanned ground vehicles (UGV), and intelligence surveillance reconnaissance (ISR) aircraft that require the protection of sensitive DAR to international standards.

Complete Embedded System Solutions

The DTS1 is designed for rugged applications that require the storage, removal, and transport of critical data such as cockpit data (mission, map, maintenance), ISR (camera, I&Q, sensors), mobile applications (ground radar, ground mobile, airborne ISR pods), heavy industrial (steel, refinery), and video/audio data collection (flight test instrumentation). The device can be easily and quickly integrated into a complete rugged deployed system based on Curtiss-Wright's broad range of open architecture single board computers and DSP modules, as well as fully integrated mission computers, sensor management systems, and network switches.

For more information about Curtiss-Wright's Defense Solutions division, 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 is headquartered in Davidson, N.C. and employs approximately 9,100 people worldwide. For more information, visit www.curtisswright.com.

<div align="center">###</div>

Note: All trademarks are property of their respective owners.