



NEWS RELEASE

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DTS1X storage solution gains NSA Commercial Solutions for Classified approval

Curtiss-Wright's turnkey data-at-rest storage with CSfC full-drive encryption provides end-to-end data protection, global compliance and speeds deployment

ASHBURN, Va. – March 25, 2026 – Curtiss-Wright announced today that its DTS1X 10 gigabit bit Ethernet (GbE) network attached storage (NAS) device's hardware and software encryption layers for data-at-rest (DAR) are National Security Agency (NSA) Commercial Solutions for Classified (CSfC)-approved. This milestone provides system designers with a cost-effective, proven commercial-off-the-shelf (COTS) solution for high-speed, high-capacity DAR storage and protection of up to top secret/sensitive compartmented information (TS/SCI), reducing program and schedule risk. Also, because the DTS1X is ITAR-free, it is readily available for use in Five Eyes and NATO member countries.

The [DTS1X](#), Curtiss-Wright's smallest 10 GbE NAS device with removable memory, protects sensitive data with two layers of CSfC-approved software and hardware full-drive encryption within a single turnkey solution. This compact device is designed to store and protect large amounts of data on a wide range of deployed aerospace and defense platforms such as helicopters, fighters, uncrewed platforms and ISR aircraft that require the protection of sensitive DAR in accordance with international standards. Its removable memory cartridge also means faster mission turnarounds and seamless data transfer across operational environments.

“Our goal is to ensure our customers are equipped with the best possible technologies that meet a vast range of operational requirements,” said Lee Brown, vice president and general manager of C5ISR, Curtiss-Wright Defense Solutions. “As a now-approved CSfC off-the-shelf solution for protecting data-at-rest, the DTS1X provides system designers with a turnkey, cost-effective option for quickly securing up to top secret/sensitive compartmented information.”

With high-performance data capture and retrieval capabilities, the DTS1X meets the stringent data requirements of a wide variety of defense and aerospace applications, while safeguarding program schedules and budgets.

The DTS1X easily integrates into deployed network-centric systems. It houses one removable XRM memory cartridge, which is based on widely available and cost-effective industry-standard 2.5" SATA SSDs. The high-speed recorder captures data at rates up to 400 MB/s (write) via its 10 GbE and 1 GbE interfaces. The high-speed data throughput ensures the capture of all ISR data during missions. The XRM memory cartridge, which stores up to 8 TB of data to extend mission durations, can be easily removed from one DTS1X device and installed into another to enable seamless data transfer between one or more networks at separate locations (e.g., ground-to-vehicle-to-ground) while also supporting rapid post-mission data offloading.

The SWaP-optimized DTS1X (52.5 cubic inches; 3.55 lb) enables system integrators to significantly extend mission duration and provides more space for additional payload items on the platform. The DTS1X supports industry-standard NAS protocols, including NFS, CIFS, FTP, TFTP, and HTTP. To maximize system design flexibility, the device enables clients to use various operating systems (Linux, VxWorks, Windows, etc.) and CPUs (Power Architecture, Intel, Arm, etc.).

For additional information about Curtiss-Wright Defense Solutions products, please visit defense-solutions.curtisswright.com and [LinkedIn](#).

About the NSA CSfC Program

CSfC, an NSA-approved approach for protecting classified National Security Systems (NSS) information in aerospace and defense applications, uses cost-effective commercial encryption technologies in a two-layered solution.

About Curtiss-Wright Corporation

Curtiss-Wright is a global integrated business that provides highly engineered products, solutions, and services mainly to Aerospace & Defense markets, as well as critical technologies in demanding Commercial Nuclear Power, Process, and Industrial markets. We leverage a workforce of approximately 9,100 highly skilled employees who develop, design, and build what we believe are the best-engineered solutions for the markets we serve. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing innovative solutions through trusted customer relationships. For more information, visit www.curtisswright.com.

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