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Mercury Systems Debuts First Self-Encrypting Commercial SSD for Classified Programs

Implementation in a two-layer CSfC-registered solution provides data at rest protection for classified, secret and top secret data

ANDOVER, Mass., April 12, 2017 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ:MRCY) (www.mrcy.com), announced the commercial availability of its ASURRE-Stor™ portfolio of self-encrypting solid-state drives (SSD) designed and manufactured at Mercury's DMEA-trusted facility in Phoenix, Ariz. Mercury's newest product is engineered to the rigorous specifications dictated by the Commercial Solutions for Classified (CSfC) program, Federal Information Processing Standard (FIPS) 140-2 standards, and the Common Criteria Full Disk Encryption FDE-EE and FDE-AA collaborative Protection Profiles (cPP). Today, customers and trusted integrators can begin integrating Mercury's new self-encrypting SSD into their security designs to protect classified, secret and top secret data with the strength of advanced encryption standard with 256 bit keys in the XTS block cipher mode (AES-256 XTS).

Launched by the National Security Agency (NSA) and the Central Security Service (CSS), the CSfC program protects highly sensitive data by simultaneously implementing two compliant commercial security components in layers. Unlike Government Off-The-Shelf (GOTS) Type 1 security solutions, the CSfC program leverages rapidly deployed, highly agile commercial technologies for data at rest protection of highly sensitive data. The NSA actively maintains a database of trusted security components available for CSfC implementation, inclusive of both hardware and software-based commercial technologies. Additional details on the CSfC program are available on the NSA website, located at <http://www.nsa.gov/resources/everyone/csfc>.

"Having pioneered the incorporation of AES-256 XTS encryption into secure SSDs in 2009, Mercury continues to lead and invest in state of the art microelectronics and security technologies for the defense industry," said Charlie Leader, Vice President and General Manager of Mercury's Advanced Microelectronics Solutions group. "With implementation of our ASURRE-Stor device in a customer's two-layer CSfC solution today, Mercury provides our warfighters with a cost-effective, quickly implemented hardware FDE component designed and manufactured in the United States."

At the core of the ruggedized new product is Mercury's exclusive ARMOR™ processor, an SSD controller designed and manufactured in the United States. Using a suite of certified cryptographic algorithms developed by Mercury for highly secure defense applications, the ARMOR processor seamlessly integrates data at rest protection with predictable, sustained performance in thermally and mechanically stressful operating environments.

In contrast to commercial SSD devices for consumer and enterprise applications, the new offering from Mercury marries high-endurance NAND flash with a SWaP-optimized, military-hardened 2.5" form factor optimized for high duty cycle operation in the most severe land, air, and sea operating environments. In the event of unforeseen power loss during operation, custom power management circuitry preserves data integrity without the use of temperature-sensitive capacitor or battery technologies.

ASSURE-Stor SSDs can be ordered immediately, with fulfillment in approximately 60 days. Mercury's application engineering team is available to assist customers integrating the highest levels of security into their unique data storage application environments. For application assistance, additional product information, or purchase inquiries, customers can visit www.mrcy.com/CSfC or contact Mercury at (866) 627-6951 or secure.ssd@mrcy.com.

Mercury Systems — Innovation That Matters™

Mercury Systems (NASDAQ:MRCY) is a leading commercial provider of secure sensor and mission processing subsystems. Optimized for customer and mission success, Mercury's solutions power a wide variety of critical defense and intelligence programs. Headquartered in Andover, Mass., Mercury is pioneering a next-generation defense electronics business model specifically designed to meet the industry's current and emerging technology needs. To learn more, visit www.mrcy.com.

Forward-Looking Safe Harbor Statement

This press release contains certain forward-looking statements, as that term is defined in the Private Securities Litigation Reform Act of 1995, including those relating to the products and services described herein. You can identify these

statements by the use of the words "may," "will," "could," "should," "would," "plans," "expects," "anticipates," "continue," "estimate," "project," "intend," "likely," "forecast," "probable," "potential," and similar expressions. These forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those projected or anticipated. Such risks and uncertainties include, but are not limited to, continued funding of defense programs, the timing and amounts of such funding, general economic and business conditions, including unforeseen weakness in the Company's markets, effects of continued geopolitical unrest and regional conflicts, competition, changes in technology and methods of marketing, delays in completing engineering and manufacturing programs, changes in customer order patterns, changes in product mix, continued success in technological advances and delivering technological innovations, changes in, or in the U.S. Government's interpretation of, federal export control or procurement rules and regulations, market acceptance of the Company's products, shortages in components, production delays or unanticipated expenses due to performance quality issues with outsourced components, inability to fully realize the expected benefits from acquisitions and restructurings, or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, increases in interest rates, changes to export regulations, increases in tax rates, changes to generally accepted accounting principles, difficulties in retaining key employees and customers, unanticipated costs under fixed-price service and system integration engagements, and various other factors beyond our control. These risks and uncertainties also include such additional risk factors as are discussed in the Company's filings with the U.S. Securities and Exchange Commission, including its Annual Report on Form 10-K for the fiscal year ended June 30, 2016. The Company cautions readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. The Company undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date on which such statement is made.

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