



Mercury Systems Ships First Space-Qualified Commercial Solid State Drives for Low Earth Orbit Satellite Application

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Award-winning SSD technology integrated into SpaceVPX form factor delivers long-term data integrity in radiation-intensive environments

ANDOVER, Mass., Jan. 23, 2019 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ: MRCY, www.mrcy.com) announced the first prototype shipments of the Company's 3U TRRUST-Stor™ VPX RT space-qualified secure solid-state drives (SSD) to two leading suppliers of low Earth orbit (LEO) satellites. Designed to operate reliably in high radiation environments, this device is the first commercial SSD leveraging VITA 78 SpaceVPX™ standards to reduce customer cost and mitigate program risk. In addition to commercial satellite applications, this device is ideally suited for high-altitude aircraft, airborne weapons and mission-critical ground computing systems.



Mercury Systems' award-winning TRRUST-Stor™ VPX RT space-qualified secure solid-state drive is the first commercial SSD to leverage VITA 78 SpaceVPX™ standards.

"Customer demand for commercial radiation-tolerant SSD devices for LEO satellites has far surpassed our expectations as we continue to gain share in this dynamic market," said Iain Mackie, Vice President and General Manager of Mercury's Microelectronics Secure Solutions group. "I am immensely proud of the employees of our Phoenix Advanced Microelectronics Center who have successfully demonstrated that Mercury's innovative next-generation business model unlocks value for satellite designers and manufacturers around the globe."

At the heart of the SSD is Mercury's proprietary NAND controller with BuiltSECURE™ error correcting code (ECC) algorithms. These ECC algorithms mitigate radiation-induced byte errors, thereby enabling sustainable reliability and fault tolerance that are not available with competing storage solutions. As Mercury maintains 100% authority over the controller and its implementation, this device is readily customizable for non-traditional use cases when deemed critical to a customer's program.

Honored with a Platinum award in the category of Trusted Computing in the 2018 Military & Aerospace Electronics Innovators Awards program, Mercury's TRRUST-Stor VPX RT device provides long-term data integrity. Engineered into an open standards platform, customers can seamlessly integrate this device into the SpaceVPX ecosystem of processing boards and chassis without sacrificing affordability. As the need for radiation-tolerant devices for LEO satellites proliferates, system development around the SpaceVPX open standard architecture will be integral in supporting the growth of the space market.

Mercury's dedication to all aspects of industrial security extends far beyond product design and into the cadence of its daily operations. The Company's entire portfolio of advanced digital microelectronic solutions are designed and manufactured in a Defense Microelectronics Activity (DMEA)-accredited facility for design, packaging, test and broker services. Several of Mercury's facilities have been recognized for excellence by receiving a Superior rating from the Defense Security Service (DSS).

Flight units are scheduled to ship in the first half of calendar year 2019. To secure a device for your program, for application assistance or additional product information, customers can visit <http://www.mrcy.com/Rad-Tolerant-SSD> or contact Mercury at Secure.SSD@mrcy.com or (866) 627-6951.

Mercury Systems – Innovation That Matters®

Mercury Systems is a leading commercial provider of secure sensor and safety-critical 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 fiscal 2019 business performance and beyond and the Company's plans for growth and improvement in profitability and cash flow. 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 any U.S. Federal government shutdown or extended continuing resolution, 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 contractor 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 cyber-security regulations and requirements, changes in tax rates or tax regulations, 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, 2018. 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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A photo accompanying this announcement is available at <http://www.globenewswire.com/NewsRoom/AttachmentNg/9835ed97-904e-4909-b649-9d7564209ffd>



Source: Mercury Systems Inc