



## Mercury Systems Announces Defense Industry's First Space-Qualified Commercial Solid-State Drive

March 8, 2018

### Precision-engineered to OpenVPX standards, rugged, radiation-tolerant drive delivers uncompromising performance

ANDOVER, Mass., March 08, 2018 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ:MRCY) ([www.mrcy.com](http://www.mrcy.com)) announced the start of customer engagements for its new TRRUST-Stor™ VPX RT family of space-qualified radiation-tolerant secure solid-state drives (SSD) featuring BuiltSECURE™ technology. As the first commercial SSD precision-engineered for the harshest possible operating environments, the Company's new product line leverages OpenVPX™ standards to reduce customers' design cycles and mitigate program risk. In addition to commercial satellite applications, the new device can also be adapted for other applications in radiation-intense environments, including high-altitude aircraft, airborne weapons, and mission-critical ground computing systems.



Mercury Systems' new TRRUST-Stor™ VPX RT space-qualified radiation-tolerant secure solid-state drives (SSD) featuring BuiltSECURE™ technology.

Conventional storage devices for space applications are designed with legacy architectures limiting data transfer rates to less than 1 GB per second. These architectures also fail to include error correction algorithms to counter the effects of ionizing radiation damage to the flash memory storage elements, thereby compromising data integrity. These space-grade storage solutions lock system architects into a costly custom backplane solution, thereby removing the benefits of interoperability and cost savings enabled by open standard architectures.

Mercury's new space-grade storage device surmounts these limitations using its portfolio of advanced BuiltSECURE error correction algorithms paired with large geometry industrial-grade Single-Level Cell (SLC) NAND flash memory. Designed for fault tolerance with up to six failed NAND devices, the Company's new device offers long-term data integrity for applications where device repair or replacement is cost-prohibitive. Recognizing that no two mission requirements are identical, customers can tailor power consumption against performance requirements for each unique mission. Mercury's new storage product is designed for seamless integration with the OpenVPX ecosystem of processing boards and chassis.

"Having supplied commercial RF and microwave devices for more than 30 years for space applications, we are now leveraging the power of Mercury's next-generation business model to deliver the first commercial SSD ruggedized for space environments," said Iain Mackie, Vice President and General Manager of Mercury's Microelectronics Secure Solutions group. "Our innovative fault-tolerant design protects our customers' high-value investment using our deep domain expertise in secure solid-state drive design and manufacturing."

Mercury's resolute commitment to 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. Mercury's dedication to excellence in all aspects of industrial security has been recognized with several of its facilities having received a Superior rating from the Defense Security Service (DSS).

Mercury's application engineering team routinely provides innovation that matters for the most complex application environments. For application assistance, additional product information or purchase inquiries, customers can visit [www.mrcy.com/Rad-Tolerant-SSD](http://www.mrcy.com/Rad-Tolerant-SSD) or contact Mercury at [Secure.SSD@mrcy.com](mailto: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](http://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 2018 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 control or procurement rules and regulations, market acceptance of the Company's products, shortages in components, production delays 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, 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, 2017. 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.

*Contact:*

Robert McGrail, Director of Corporate Communications  
Mercury Systems, Inc.  
+1 978-967-1366 / [rmcgrail@mrct.com](mailto:rmcgrail@mrct.com)

Mercury Systems, Innovation That Matters, TRRUST-Stor, and BuiltSECURE are trademarks of Mercury Systems, Inc. OpenVPX is a trademark of VITA. Other product and company names mentioned may be trademarks and/or registered trademarks of their respective holders.

A photo accompanying this announcement is available at <http://www.globenewswire.com/NewsRoom/AttachmentNg/21e2e5ca-4ee7-4e0e-acda-a2de1e27100d>



Source: Mercury Systems Inc