



## Mercury Systems' Innovation Revolutionizes Microelectronics Packaging Technology for Defense Applications

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### New System-in-Package technology integrates security with state-of-the-art processing architectures in ultra-compact, ruggedized form factor

ANDOVER, Mass., March 29, 2018 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ:MRCY) ([www.mrcy.com](http://www.mrcy.com)) today announced BuiltSECURE™ System-in-Package (SiP), a new microelectronics packaging technology designed for high-performance, SWaP-constrained defense embedded computing systems. Combining the Company's deep domain expertise in systems security engineering and three-dimensional microelectronics packaging, this innovation is ideal for platform management systems, mission management systems and command, control and intelligence applications.

#### Mercury Systems' new BuiltSECURE System-in-Package (SiP)

Mercury Systems' new BuiltSECURE System-in-Package (SiP) technology integrates security with state-of-the-art processing architectures in an ultra-compact, ruggedized form factor.

"Our BuiltSECURE SiP solutions are capable of providing the same security of long-lead application-specific integrated circuits (ASICs) at a fraction of the typical cost and schedule," said Scott Orton, Vice President and General Manager of Mercury's Trusted Mission Solutions group. "This is exactly what our customers are asking for in secure processing solutions."

Mercury's new BuiltSECURE SiP technology addresses the most complex, multi-faceted challenges for the defense industry today with a single, highly ruggedized ball grid array (BGA) package:

- **Agile customization:** An accelerated time to market is achieved with the rapid prototyping of the optimal processing solution including microprocessors, field-programmable gate array (FPGA) devices, memory modules, sensor components and security features for each unique program.
- **Advanced thermal management:** Sophisticated design tools enable each device to dissipate more than 100W of power to meet the processing demands of modern processors and FPGA devices.
- **Embedded Security:** Integrated secure boot capability is complemented with optional personalized security solutions to detect and mitigate adversarial non-invasive attacks.
- **Trusted design and manufacturing:** BuiltSECURE SiP devices, like all of Mercury's digital microelectronics solutions, are designed and manufactured in a DMEA-accredited facility protected by a vigilant cybersecurity program.

"The pace of evolution in the modern threat environment demands a paradigm shift in microelectronics design and packaging technologies," said Charlie Leader, Senior Vice President and General Manager of Mercury's Advanced Microelectronics Solutions group. "Our valued customers now have access to a trusted supply of highly integrated processing modules without sacrificing security, performance, SWaP or affordability. We are honored to support our warfighters around the globe with agile, best-of-breed microelectronics technology powered by our next-generation business model."

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).

Mercury's application engineering team is available to assist customers with the integration of BuiltSECURE technology into highly specialized application environments. The Company has also published a white paper, available for download at [www.mrcy.com/BuiltSECURE-SiP-WP](http://www.mrcy.com/BuiltSECURE-SiP-WP), to provide customers with more detailed background information. For application assistance, additional product information or purchase inquiries, customers can visit [www.mrcy.com/BuiltSECURE-SiP](http://www.mrcy.com/BuiltSECURE-SiP) or contact Mercury at [BuiltSECURE.SiP@mrcy.com](mailto:BuiltSECURE.SiP@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.

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