



## Mercury Systems Announces 100 Gbps OpenVPX Backplane Data Transmission Rates

December 20, 2018

**New design approach enables PCIe gen-4, 100 Gbps Ethernet and InfiniBand switch fabrics within OpenVPX processing subsystems to run 2.5x faster than current technology**

ANDOVER, Mass., Dec. 20, 2018 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ: MRCY, [www.mrcy.com](http://www.mrcy.com)) announced today the availability of 100 Gigabits per second (Gbps) board-to-board data transmission rates enabling next-generation PCIe® Gen-4, 100 Gbps Ethernet and InfiniBand™ high-speed switch fabrics to run faster within OpenVPX™ embedded computing subsystems.



Mercury Systems' next-generation 100Gbps OpenVPX backplane

This new milestone in embedded computing technology more than doubles previous OpenVPX switch fabric bandwidths and is made possible through Mercury's robust modeling and design for performance capabilities with existing backplane and module technologies. These capabilities produce higher fidelity transmission lines that mitigate the impact of in-subsystem signal channel limitations enabling next-generation data rates while remaining compliant with open architecture standards including VITA 68.2 (signal channel compliance) and VITA 65 (OpenVPX). The resulting high-integrity transmission lines deliver sustained data rates of 100 Gbps and beyond with extremely low bit error rates. The approach is so robust that it delivers consistent performance across a broad temperature range, making it ideal for embedding into rugged defense applications.

"Our customers are looking to add deep learning and artificial intelligence (AI) to their next-generation sensor and mission processing systems, and a key enabling ingredient is bandwidth. With more and higher wideband sensors appearing on tactical platforms, bandwidth has become a bottleneck to the efficient prosecution of new and adaptive missions," said Joe Plunkett, Mercury's Senior Director and General Manager for Sensor Processing Solutions. "Mercury's 100 Gbps OpenVPX subsystem fabrics removes this constraint, enabling our customers to deploy today's most powerful processing capabilities at the tactical edge, confident that the same infrastructure will also support future generation processing requirements."

The Company is currently developing 100 Gbps demonstration units for delivery to customers in early 2019. For more information, visit [www.mrcy.com/100Gbps](http://www.mrcy.com/100Gbps) or contact Mercury at (866) 627-6951 or [info@mrcy.com](mailto:info@mrcy.com).

### 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 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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