![Mercury Systems logo]

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Emerson Network Power and Mercury Computer Systems Team to Promote Interoperability Standards in Military and Aerospace Applications

Collaboration Between Companies Intended to Drive OpenVPX Standard Across Product Lines

SAN JOSE, Calif., Nov 01, 2010 (BUSINESS WIRE) --

Emerson Network Power, a business of Emerson and the global leader in enabling *Business-Critical Continuity™*, and Mercury Computer Systems, Inc. (NASDAQ: MRCY), a trusted ISR subsystems provider, announced today that they will collaborate to promote interoperability on open standards-based subsystems for military and aerospace applications. This alliance seeks to provide interoperability between the companies' rich range of embedded computing solutions, in order to enable defense customers to migrate their performance away from proprietary closed architectures to flexible open solutions, reducing risk and lowering development and deployment costs as a result.

"Mercury and Emerson Network Power are both strong supporters of the movement to open computing architectures for defense prime contractors and commercial customers," said Didier Thibaud, Senior Vice President and General Manager, Mercury Computer Systems Advanced Computing Solutions business unit. "Emerson Network Power's technology prowess, with its roots in VMEbus leadership via its acquisition of Motorola's Embedded Communications Computing group, combined with Mercury's leadership in driving the OpenVPX™ standard, provides a strong basis for driving the next level of OpenVPX interoperability," Mr. Thibaud added.

"This collaboration reflects the move to open architecture-based computing infrastructures to support the convergence of applications in the defense industry," said Stephen Dow, President of the Embedded Computing business of Emerson Network Power. "Working with industry leaders such as Mercury to create integrated, standards-based computing platforms enables Emerson Network Power to help our customers optimize embedded computing technologies so they can focus on adding unique application value for their customers."

This alliance combines the strengths of both companies - Mercury's leadership in high performance signal and image processing, open standards hardware and software and systems integration and services - with Emerson Network Power's leadership in standards-based embedded computing technology for the telecommunications, industrial automation, aerospace/defense and medical markets.

About Mercury Computer Systems, Inc. - Where Challenges Drive Innovation®

Mercury Computer Systems (www.mc.com, NASDAQ: MRCY) is a best of breed provider of open, application-ready, multi-INT subsystems for the ISR market. With 25+ years' experience in embedded computing, superior domain expertise in radar, EW, EO/IR, C4I, and sonar applications, and more than 300 successful program deployments including Aegis, Global Hawk, and Predator, Mercury's Services and Systems Integration team leads the industry in partnering with defense and commercial customers to design and integrate system-level solutions that minimize program risk, maximize application portability, and accelerate customers' time to market.

Mercury is based in Chelmsford, Massachusetts, and serves customers worldwide through a broad network of direct sales offices, subsidiaries, and distributors. For more information, visit www.mc.com, or contact Mercury at (866) 627-6951 or info@mc.com.

About Emerson Network Power

Emerson Network Power, a business of Emerson, is the global leader in enabling *Business-Critical Continuity™* from grid to chip for telecommunication networks, data centers, health care and industrial facilities. Emerson Network Power provides innovative solutions and expertise in areas including AC and DC power and precision cooling systems, embedded computing and power, integrated racks and enclosures, power switching and controls, infrastructure management, and connectivity. All solutions are supported globally by local Emerson Network Power service technicians. For more information on Emerson Network Power's embedded computing products and services, including ATCA®, COM Express®, CompactPCI®, embedded motherboards, MicroTCA® and VMEbus for original equipment manufacturers and systems integrators in the telecommunications, industrial automation, aerospace/defense and medical markets, visit www.EmersonNetworkPower.com/EmbeddedComputing. Learn more about Emerson Network Power products and services at www.EmersonNetworkPower.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 Mercury's relationship with Emerson Network Power. You can identify these statements by the use of the words "may," "will," "should," "plans," "expects," "anticipates," "continue," "estimate," "project," "intend," 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, 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, continued funding of defense programs, the timing of such funding, changes in the U.S. Government's interpretation of federal 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 divestitures or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, 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, 2010. 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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