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## **Mercury Computer Systems Debuts Industry's First Protocol-Agnostic, Multi-Fabric Interconnect Technology for Intel Embedded Computing Product Line**

**Delivering on the commitment to bring Intel computing solutions to best-of-breed ISR subsystems, Mercury's innovative multi-fabric interconnect technology optimizes flexibility, portability and performance allowing customers protection of their technology investments.**

CHELMSFORD, Mass., Aug 17, 2010 (BUSINESS WIRE) --

Mercury Computer Systems, Inc. (NASDAQ: MRCY, [www.mc.com](http://www.mc.com)), a trusted ISR subsystems provider, today revealed its revolutionary, protocol-agnostic, multi-standard switch fabric technology called Protocol Offload Engine Technology - POET™. The industry's first multi-fabric connectivity solution for Intel® processors empowers companies to migrate to open solutions, future-proof their applications and guard their investment by ensuring a wide range of standards can be implemented without costly hardware changes.

"POET is a ground-breaking new technology that aligns with trends in the defense industry that are driving a migration to high performance embedded Intel technology, a crucial factor for high performance ISR subsystems," stated Leon Woo, Mercury's Vice President of Engineering, Advanced Computing Solutions Division (ACS). "Building on Mercury's market-leading success with RACE++® and RapidIO® interconnect technology, POET's open and downloadable multi-fabric support simplifies customization and adds competitive differentiation to our customers' products while simultaneously embracing open standards," Mr. Woo added.

At its highest level, POET implements a collection of standard interfaces to create a bridge between processors and switch fabrics. Initially POET will support both Serial RapidIO (sRIO), the overwhelmingly preferred switch fabric for the defense industry and 10 Gigabit Ethernet, the most common commercial fabric. "The 10 Gigabit Ethernet fabric is traditionally a best-efforts network. By offloading and accelerating standard protocols, POET simultaneously facilitates high bandwidth and low latency operation giving 10 Gigabit Ethernet the guaranteed, deterministic delivery of Serial RapidIO," said Charlie Frazer, Mercury's Director of IP Technology, ACS Division. POET can improve Size, Weight and Power (SWaP) constraints in subsystems by providing local switching in the FPGA between multiple fabric ports to create distributed mesh networks, thereby eliminating the need for a centralized switch fabric card. In future releases POET will support next generation switch fabrics such as 40 Gigabit Ethernet and Infiniband® as well as offload protocols such as RoCE (RDMA over Converged Ethernet), an Infiniband over Ethernet standard. Through industry standard internal interfaces, customers can integrate their own downloadable firmware with POET to add value to their subsystems, or engage with Mercury's Services and Systems Integration group to obtain customization services.

POET is one example of the significant investments Mercury is making that brings current and future Intel-based products to radar, EW and EO/IR applications including products based on industry standard 3U and 6U OpenVPX and ATCA form factors. For more information, visit [www.mc.com/POET](http://www.mc.com/POET).

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

Mercury Computer Systems ([www.mc.com](http://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 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.

### **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 the products and services described herein. You can identify these statements

by our 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 geo-political 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 or divestitures or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, and difficulties in retaining key customers. These risks and uncertainties also include such additional risk factors as are discussed in the Company's recent filings with the U.S. Securities and Exchange Commission, including its Annual Report on Form 10-K for the fiscal year ended June 30, 2009. 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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