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Mercury Releases OpenSAL - Open Source Version of Scientific Algorithm Library

Company Bolsters Open Architecture Leadership Position by Making Source Code Publicly Available

CHELMSFORD, Mass., Oct 07, 2010 (BUSINESS WIRE) --

Mercury Computer Systems, Inc. (NASDAQ: MRCY, www.mc.com), a trusted ISR subsystems provider, announced the availability of OpenSAL, an open source version of its award-winning Scientific Algorithm Library (SAL) for vector math acceleration. SAL is a high-throughput, low-latency signal processing library containing efficient algorithms with the fewest possible instructions and computing resources. OpenSAL provides a robust API, C code reference design and documentation for over 400 SAL math functions.

"The introduction of OpenSAL is another example of Mercury's unrelenting focus to bring performance migration to open systems architectures," stated Dr. Ian Dunn, Chief Technology Officer at Mercury Computer Systems. "We believe that the proliferation of OpenSAL and other open source initiatives such as Open Component Portability Infrastructure (OpenCPI), an open middleware solution that simplifies programming of heterogeneous processing environments such as FPGAs and DSPs, will allow the community to expand its capabilities to benefit the HPEC and academic communities. We envision a large community using OpenSAL and working together to augment it over time," Dunn added.

The release of OpenSAL further underscores Mercury's strategic commitment to industry standards, open architecture, and open systems solutions. An earlier example of this commitment is the OpenVPX™ specification effort led by Mercury to enable interoperability for VPX systems, ratified by the American National Standards Institute (ANSI) in June 2010. Like OpenVPX, the introduction of OpenSAL is also a response to customer and Department of Defense (DoD) requirements to migrate towards open architectures and systems for portability, reducing time to theater, lowering cost, while leveraging higher technology readiness levels (TRLs). OpenSAL is an initial step towards enabling the user community to add the values of open architecture to today's ever expanding compute engines.

Mercury's SAL is a de facto industry standard, with thousands of production installations in highly compute intensive, real-time applications such as radar, electronic warfare, and signals intelligence. SAL, MultiCore SAL, VSIPL™, and MultiCore VSIPL are components of Mercury's MultiCore Plus® Software Environment, open, flexible, and optimized libraries for real-time programming. Various accelerated versions of OpenSAL for PowerPC® processors, and Intel™ processors, as well as GPUs are available from Mercury under commercial license, and also through engagement with Mercury's Services and Systems Integration team.

OpenSAL is available for download at www.opensal.net or via <http://sourceforge.net/projects/opensal/>. For more information regarding optimization with Mercury's product line, including SAL and OpenSAL, visit www.mc.com, or contact Mercury at (866) 627-6951 or info@mc.com.

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 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, 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 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, 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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