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## Industry's First OpenRFM-based Wideband EW Tuner Introduced by Mercury Systems

### Scalable RF/Microwave and Digital Processing Capabilities Support Complementary EW Subsystem Interoperability, High-Density and Affordability Using Open Systems Architecture Principles

**CHELMSFORD, Mass. -- May 18, 2015** (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (Nasdaq:MRCY) ([www.mrcy.com](http://www.mrcy.com)), a leading high-tech commercial provider of more affordable secure and sensor processing subsystems powering today's critical defense and intelligence applications, today announced the Ensemble<sup>®</sup> RFM-1RS18 tuner. This fast-tuning wideband device is the first tuner in the embedded industry to be developed using OpenRFM<sup>™</sup> system building blocks, affordably delivering comprehensive electromagnetic spectrum coverage for electronic warfare (EW) applications.

Introduced by Mercury in August 2014, OpenRFM was developed to solve the challenges of digital and RF/microwave convergence, spectrum-fusion and maneuverability, complementary system interoperability, and affordability. OpenRFM uses a modular, open-architecture approach, standardizing the electromechanical, software, control plane and thermal interfaces used by integrated microwave assemblies to streamline the design, integration, and testing of RF and digital capabilities within sensor processing systems. OpenRFM design principles are compatible with prevailing embedded computing industry standards, including 3U and 6U form factor OpenVPX<sup>™</sup> and VXS/VME for EW and Signals Intelligence (SIGINT) applications.

"OpenRFM's interoperable RF/microwave and digital building blocks enable sensor processing subsystems to be developed and deployed more quickly," said Charlie Hudnall, General Manager of Mercury's Embedded Sensor Products group. "The leverage of proven IP and best available commercial-item technology means that OpenRFM-based solutions have high technology readiness levels and greater interoperability, making subsystem integration smoother and solutions more robust. Additionally, the modularity of OpenRFM building blocks enables them to be quickly deployed in a wide variety of configurations across multiple programs and applications, which further drives interoperability and affordability. These features allow system integrators to quickly configure affordable open systems-architecture-based solutions to complex EW challenges."

The Ensemble RFM-1RS18 tuner integrates three rugged OpenRFM modules into a single-width, 6U VXS package. Each package is comprised of a wideband front-end tuner spanning a range of 0.5 to 18.0 GHz, a quad-converter that delivers four IF outputs and a synthesizer to ensure coherent outputs from the converter. Each tuner combines a high-channel density, derived from OpenRFM's three modules per slot approach with wide, near-instantaneous bandwidth capability, ultra-fast tuning speed, and low-phase noise performance all within a low-SWaP package.

For more information, visit [www.mrcy.com/openrfm](http://www.mrcy.com/openrfm) or contact Mercury at (866) 627-6951 or [info@mrcy.com](mailto:info@mrcy.com).

### Mercury Systems - Innovation That Matters<sup>™</sup>

Mercury Systems (Nasdaq:MRCY) is the better alternative for affordable, secure and sensor processing subsystems designed and made in the USA. Optimized for program and mission success, Mercury's solutions power a wide variety of critical defense and intelligence applications on more than 300 programs such as Aegis, Patriot, SEWIP, F-35 and Gorgon Stare. Headquartered in Chelmsford, Massachusetts, Mercury Systems is a high-tech commercial company purpose-built to meet rapidly evolving next-generation defense electronics challenges. 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 the products and services described herein. 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 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, divestitures and restructurings, 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, 2014. 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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A photo accompanying this release is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=32825>

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Mercury's Ensemble RFM-1RS18 OpenRFM(TM) Tuner