



## Mercury Systems announces SOSA aligned development platform to simplify complex subsystem design

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### Ideal for rapid prototyping with SOSA aligned RFSoc-based Quartz modules, saving time and money

ANDOVER, Mass., Oct. 28, 2021 (GLOBE NEWSWIRE) -- Mercury Systems, Inc. (NASDAQ: MRCY, [www.mrcy.com](http://www.mrcy.com)), a leader in trusted, secure mission-critical technologies for aerospace and defense, today announced the Model 8257A Development Platform aligned to the Sensor Open Systems Architecture™ Technical Standard. Featuring a single-slot 3U VPX backplane and integrated power supply, the 8257A enables engineers to accelerate development of their sensor processing applications in an easy-to-use SOSA aligned desktop environment, saving time and money.

"Our new Model 8257A eases the adoption of SOSA aligned solutions by providing an integrated development platform using only a single card to accelerate initial development efforts," said Ken Hermann, senior director and general manager, Mercury Microwave and Mixed Signal Assemblies. "The optional rear transition module provides access to all the analog and digital signals on Mercury's Quartz line of RF system-on-chip (RFSoc) modules without the need for additional plug-in cards or an Ethernet switch card to minimize system complexity and cost during development. Prototyping in this environment helps determine system requirements and supports creation of IP and software that can ultimately be used in the deployed SOSA aligned system. It's another example of our commitment to Innovation that Matters."

The Model 8257A Development Platform accepts 3U VPX conduction cooled boards and uses integral fans for air cooling, enabling development on a fully rugged and conduction cooled board in a desktop or benchtop environment. It is specifically designed to accommodate Mercury's Quartz® Model 5550 or 5553, eight-channel A/D and D/A converter 3U OpenVPX modules based on the Xilinx® Zynq® UltraScale+ RF system-on-chip (RFSoc), both aligned with the recently released Technical Standard for SOSA Reference Architecture 1.0. Developers can connect a notebook or desktop PC running Xilinx's Vivado Design Suite and Mercury's Navigator Design Suite to quickly develop, run and debug their applications.

Mercury envisions, creates, and delivers innovative technology solutions purpose-built to meet their customers' most pressing high-tech needs. Visit the Model 8257A Development Platform [product page](#) for more information or contact Mercury at (866) 627-6951 or [info@mrcy.com](mailto:info@mrcy.com).

#### About the SOSA Consortium

The Open Group Sensor Open Systems Architecture™ (SOSA) Consortium aims to create a common framework for transitioning sensor systems to an open systems architecture, based on key interfaces and open standards established by industry-government consensus. The SOSA Consortium enables government and industry to collaboratively develop open standards and best practices to enable, enhance, and accelerate the deployment of affordable, capable, interoperable sensor systems.

For more information about the SOSA Consortium, please visit [www.opengroup.org/content/sensor-open-systems-architecture-sosa](http://www.opengroup.org/content/sensor-open-systems-architecture-sosa).

#### Mercury Systems – Innovation That Matters®

Mercury Systems is a global commercial technology company serving the aerospace and defense industry. Headquartered in Andover, Mass., the company delivers trusted, secure open architecture processing solutions powering a broad range of mission-critical applications in the most challenging and demanding environments. Inspired by its purpose of delivering Innovation that Matters, By and For People Who Matter, Mercury helps make the world a safer, more secure place for all. To learn more, visit [mrcy.com](http://mrcy.com), or follow us on [Twitter](#).

#### 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 and to fiscal 2022 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 epidemics and pandemics such as COVID, 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 control or procurement rules and regulations, changes in, or in the interpretation or enforcement of environmental 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, restructurings and value creation initiatives such as 1MPACT, or delays in realizing such benefits, challenges in integrating acquired businesses and achieving anticipated synergies, increases in interest rates, changes to industrial security and cybersecurity regulations and requirements, changes in tax rates or tax regulations, changes to interest rate swaps or other cash flow hedging arrangements, 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 July 2, 2021. 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.

#### CONTACT

Robert McGrail, Director of Corporate Communications  
Mercury Systems Inc.  
+1 (978) 967-1366 | [robert.mcgrail@mrcy.com](mailto:robert.mcgrail@mrcy.com)

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A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/9a28c250-7c4c-476b-bbaa-7c4efdd83944>

**mercury**

**Mercury Systems Model 8257 Development Platform**



**Mercury's new SOSA aligned Model 8257 Development Platform enables engineers to accelerate development of their sensor processing applications.**

Source: Mercury Systems Inc