



First-to-market sensor processing development platform introduced by Mercury

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New platform enables fast technology adoption for the most compute-intensive applications

ANDOVER, Mass., Aug. 22, 2022 (GLOBE NEWSWIRE) -- Mercury Systems Inc. (NASDAQ: MRCY, www.mrcy.com), a leader in trusted, secure mission-critical technologies for aerospace and defense, today announced the new Model 8258 development platform based on a dual AMD-Xilinx Versal® AI Core device. Incorporating Mercury's previously announced [SCFE6931 signal processing module](#), this ready-to-run, proven platform enables engineers to start application development right "out of the box," saving them valuable time and reducing project risk.

Why It Matters:

The Model 8258 development platform allows customers to rapidly deploy Versal AI Core technology, giving soldiers the ability to react quickly and make real-time tactical decisions that are essential for survivability and mission success.

"There is a growing need for artificial intelligence capabilities in autonomous unmanned vehicles/aircraft and munitions," said Ken Hermann, senior director and general manager, Mercury Mixed Signal. "In a world where incremental change is no longer enough, Mercury is helping the A&D industry bend the curve by developing more powerful and secure processing systems, of which our new Model 8258 platform is a prime example."

"The heterogeneous mix of computing resources inherent to the Versal AI Core series gives designers the freedom to assign computing tasks to the most suitable processing engine, as well as being able to adapt and reassign resources dynamically, as needed," said Manuel Uhm, Director of Silicon Marketing at AMD. "Mercury's Model 8258 is a nice addition to the Versal ecosystem by harnessing the resources of two powerful AMD-Xilinx VC1902 adaptive SoCs and simplifying development in a preconfigured platform."

The 8258 development platform streamlines the path for engineers to immediately start unlocking the tremendous performance needed for advanced defense system solutions found in the SCFE6931 processing module. The 8258 supports application development on the actual SCFE6931 hardware, versus a lab-only evaluation board, so the IP, software and hardware can transition directly to deployed signals intelligence and electronics intelligence systems, where data can be more quickly analyzed and identified.

Versatile development platform ideal for:

- Developing artificial intelligence applications such as target classification, signal decoding/decryption, image recognition and pattern recognition
- Navigator FPGA Development Kit (FDK) allows users to develop custom FPGA IP to add application-specific features
- Navigator Board Support Package (BSP) Includes software functions and libraries to program the board and control the Navigator IP
- Navigator includes ready to run examples to get started immediately
- Optional support for four optical 100 GigE interfaces for fast, parallel processing and data throughput
- Two Versal VC1902 processors on the 6U board doubles the heterogeneous processing resources available

Mercury envisions, creates and delivers innovative technology solutions purpose-built to meet their customers' most pressing high-tech needs. For additional information or purchase inquiries, visit the Model 8258 development platform [product page](#), or contact Mercury at (866) 627-6951 or info@mrcy.com.

Mercury Systems – Innovation That Matters®

Mercury Systems is a technology company that delivers commercial innovation to rapidly transform the global aerospace and defense industry. From data to decision, silicon to systems, A&D leaders turn to the products, services, technologies and people that comprise the secure, end-to-end Mercury processing platform—the exponential power that connects customers to what matters most. Innovation That Matters®. By and For People Who Matter. To learn more, visit 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, cost savings 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

Mercury Systems' new Model 8258 development platform



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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, inflation, 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 or delays in receiving 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, effects of shareholder activism, increases in interest rates, changes to industrial security and cyber-security 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.

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A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/014267af-4f75-4378-9e5b-2d3a4f8469fb>.