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NEWS RELEASE

Curtiss-Wright and General Dynamics Mission Systems Collaborate to Deliver Open Architecture AI-Based Solutions for EW Situational Awareness Applications

Combination of Curtiss-Wright's CHAMP-XD1 processor module and General Dynamics Mission Systems' SignalEye™ software uses machine learning to detect threats in the RF spectrum

ASHBURN, Va. – April 2, 2019 – Curtiss-Wright's Defense Solutions division today announced that it is collaborating with General Dynamics Mission Systems to deliver open architecture artificial intelligence (AI) based commercial off-the-shelf (COTS) solutions for Signal Intelligence (SIGINT) and electronic warfare (EW) situational awareness applications.

"We are excited to collaborate with General Dynamics Mission Systems to bring the cutting-edge advantages of machine learning to deployed EW situational awareness applications," said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. "Our supercomputing class CHAMP-XD1 module is an ideal processor for SignalEye software, easing and accelerating the delivery of RF threat detection to our warfighters."

The combination of General Dynamics Mission Systems' SignalEye threat detection software and Curtiss-Wright's Intel® Xeon® D processor-based CHAMP-XD1 module provides system designers with a deployable COTS solution for RF spectrum situational awareness that automatically classifies signals through the use of machine learning. "The evolving EW and SIGINT threat confronting warfighters today requires an integrated solution," said Bill Ross, Vice President, RF and Broadband Products at General Dynamics Mission Systems. "By combining our SignalEye machine learning software with Curtiss-Wright's CHAMP-XD1 processor, we can provide warfighters with a greater understanding of the RF threats on the battlefield."

About the CHAMP-XD1

The 3U OpenVPX™ CHAMP-XD1 is a rugged digital signal processor (DSP) engine module designed for use in very compute-intensive industrial, aerospace and defense applications. It enables developers of High Performance Embedded Computing (HPEC) systems to take full advantage of the unmatched performance of today's leading-edge Xeon D processor architecture. This 3U VPX processor card is available in a range of ruggedized configurations to deliver optimal performance in the harshest deployed environments, including air-cooled and conduction cooled variants.

About SignalEye Software

General Dynamics SignalEye™ solution provides spectrum situational awareness by automating the classification of signals through the use of machine learning. This electronic warfare software provides tactical warfighters and security personnel with a timely, accurate view of the threat in the RF spectrum. SignalEye is always on - learning and alerting you to the signals that threaten you and your mission. With SignalEye, you will know what is normal and what is a threat at the speed your mission needs.

Sales inquiries: Please forward all sales and reader service inquiries to ds@curtisswright.com. For more information on Curtiss-Wright Defense Solutions products, please visit www.curtisswrightds.com.

About General Dynamics Mission Systems

General Dynamics Mission Systems is an innovative leader in mission critical C4ISR solutions. Customers depend on our products and systems to perform wherever they work, on land, at sea, into air and space, and across cyber. Explore the full spectrum of trusted solutions for customers in global defense, civilian and commercial markets at gdmissionsystems.com and follow us on Twitter @GDMS and LinkedIn/GDMS.

SignalEye is export-controlled under the International Traffic in Arms Regulations (ITAR). Export licensing is required from the U.S. State Department prior to release to any international parties.

About Curtiss-Wright Corporation

Curtiss-Wright Corporation is a global innovative company that delivers highly engineered, critical function products and services to the commercial, industrial, defense and energy markets. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing reliable solutions through trusted customer relationships. The company employs approximately 8,600 people worldwide. For more information, visit www.curtisswright.com.

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