



NEWS RELEASE

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Contact: John Wranovics
M: 925.640.6402
jwranovics@curtisswright.com

Curtiss-Wright Selected to Provide Cost-Effective Defense-Grade Security IP Module for COTS Modular Open Systems

XMC-528 Enhanced TrustedCOTS™ module to speed the integration of advanced security IP support for multiple sensor programs

ASHBURN, Va. – February 14, 2022 – Curtiss-Wright's [Defense Solutions division](#), a leading supplier of modular open systems approach (MOSA) based solutions engineered for success, today announced that it has been selected by a leading defense system integrator to provide its embedded Security IP module technology. Under the contract, Curtiss-Wright will supply its [XMC-528 Mezzanine Card](#) for use in multiple sensor system programs. The [enhanced TrustedCOTS](#) (eTCOTS™) module speeds the integration of advanced security IP, such as Raytheon's Night Cover™ product suite and Idaho Scientific's Immunity cryptographic products, into new and legacy systems wherever XMC (VITA 42/61) mezzanine cards can be used, including modules designed to align with The Open Group Sensor Open Systems Architecture™ (SOSA) and U.S. Army's C5ISR/EW Modular Open Suite of Standards (CMOSS) technical standards. This makes the XMC-528 a compelling security IP solution for a wide range of system architectures including ATCA, rackmount servers with PCIe slots, as well as VME and OpenVPX modules. The value of the contract is \$4 million. The lifetime value of the contract is estimated at \$25 million.

"We are very proud that our recently introduced XMC-528 module, in a first major win for this innovative new security IP solution, has been selected to protect critical data and technology on deployed sensor systems," said Chris Wiltsey, Senior Vice President and

General Manager, Curtiss-Wright Defense Solutions. “Previously, most security IP solutions have required costly and time-consuming customization of the target military hardware. Now, with the XMC-528 XMC module, system designers can quickly add security to any Curtiss-Wright or third-party module that supports an XMC site, which significantly lowers the cost and time required to bring advanced security IP to embedded electronics.”

About the XMC-528 Module

The XMC-528 enables system integrators to add embedded security to fielded systems without a complete redesign. Using industry standard interfaces, the XMC-528 mezzanine card can be hosted on existing system modules – such as Curtiss-Wright’s [VME-1910](#), [VPX6-1961](#), and SOSA-aligned [VPX3-1260](#) single board computers – to implement advanced data protection. The same security IP suite provided by the XMC-528 mezzanine module can also be integrated directly into the on-board security FPGA resident on Curtiss-Wright’s family of security-ready OpenVPX modules – such as the [CHAMP-XD1S](#) 3U digital signal processor card and soon to be announced next-generation processor modules. Systems such as high-performance rack-mount servers can be supported with an appropriate XMC carrier.

A Leader in Open Standards

Curtiss-Wright is an active contributor to the definition and advancement of the open standards included in CMOSS and those being defined in The Open Group Sensor Open Systems Architecture™ (SOSA). Curtiss-Wright has been a leading participant in the development of the CMOSS and SOSA standards since the inception of both initiatives and is a key participant in several SOSA™ Consortium working groups (including holding a chair position in the SOSA Consortium). In addition, the Company has been a leading contributor to the VITA Standards Organization (VSO) that oversees the definition of the OpenVPX, PMC, XMC, and FMC form factor standards that provide the foundation of both CMOSS and SOSA technical standards. This makes Curtiss-Wright ideally positioned to work with customers to help guide the development and success of their CMOSS- and SOSA-aligned applications.

The products covered by the contract were designed at Curtiss-Wright’s facility in Ashburn, Virginia.

Sales inquiries: Please forward all Sales and reader service inquiries to ds@curtisswright.com.

To download the XMC-528 product sheet, [click here](#).

For additional information about Curtiss-Wright MOSA technologies, please visit www.curtisswrightds.com, LinkedIn, and Twitter @CurtissWrightDS.

About Curtiss-Wright Corporation

Curtiss-Wright Corporation (NYSE:CW) is a global innovative company that delivers highly engineered, critical function products and services to the Aerospace and Defense markets, and to the Commercial markets including Power, Process and General Industrial. 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 is located in Davidson, N.C. and employs approximately 8,200 people worldwide. For more information, visit www.curtisswright.com.

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