



NEWS RELEASE

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

Curtiss-Wright Honored to Host Tri-Service Open Architecture Interoperability Demonstration TIM & Expo

Tri-Service Open Architecture Interoperability Demonstration TIM & Expo (Booth #27) – SOLOMONS LANDING, MD – March 15, 2022 – Curtiss-Wright's [Defense Solutions division](#), a leading supplier of [modular open systems approach](#) (MOSA) based solutions engineered to succeed, announced that it is serving in the honored role of Distinguished Host for the [Tri-Service Open Architecture Interoperability Demonstration \(TSOA-ID\) TIM & Expo](#) being held March 15 at the Solomons Inn Resort & Marina, MD. The TSOA-ID is a partnership between the U.S. Army PEO Aviation and CCDC – now known as DEVCOM, the U.S. Army Combat Capabilities Development Command C5ISR Center, NAVAIR Air Combat Electronics program office PMA-209, and the Air Force Life Cycle Management Center (AFLCMC) for the benefit of government, industry and academia who are driving open systems/architectures. TSOA-ID is focused on Modular Open Systems Approach (MOSA) principles specifically through hardware and software developed to meet open systems standards. This includes the Future Airborne Capability Environment (FACE™), Hardware Open Systems Technologies (HOST), Sensor Open Systems Architecture (SOSA™), and/or CMOSS (C4ISR/EW Modular Open Suite of Standards). Curtiss-Wright is an active contributor to the definition and advancement of the open standards that support MOSA, including [CMOSS](#) and the SOSA Technical Standard. A leading participant in the development of the CMOSS and SOSA standards since the inception of both initiatives, Curtiss-Wright serves as a Principal Member of the Open Group's™ SOSA™ Consortium, and is a leading contributor, including serving as a Board Member, 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. Curtiss-Wright is ideally positioned to work with customers to help guide the development and success of their CMOSS and SOSA aligned applications.

“We are very proud to serve as the Distinguished Host for TSOA-ID 2022, during which Curtiss-Wright and its partners will demonstrate a broad range of rugged MOSA solutions that use open standards-based rugged hardware and software,” said Chris Wiltsey, Senior Vice President and General Manager, Curtiss-Wright Defense Solutions. “During TSOA-ID, Curtiss-Wright technical demonstrations will showcase MOSA interoperability for high-performance processing, tactical battlefield communications, networking, secure data storage, and more. For example, in addition to hosting our SOSA Integration Lab, the Curtiss-Wright booth demos will include the company’s TCG HUNTR Tactical Data Link Hub and Network Translator, as well as highlighting compatibility with other hardware and software from trusted third-party partners.”

During TSOA-ID, Curtiss-Wright’s demos will highlight how the interoperability of SOSA-aligned solutions enables a system built for one specific mission to be leveraged to support new missions, with little or no modification. On display in both Curtiss-Wright’s main booth (booth #27) and the Curtiss-Wright Partner Demo Pavilion will be a breadth of deployable systems and lab assets based on open standards, including VICTORY, CMOSS, and others, from leading standards organizations, such as the SOSA Consortium, the FACE Consortium, IEEE, and VITA.

Complete CMOSS/SOSA System Solutions

Curtiss-Wright offers a broad range of CMOSS/SOSA aligned system building blocks, including:

- **CHAMP-XD3** Intel® Xeon-D 1700-based DSP engine
- **VPX3-687** VICTORY data / control plane Ethernet switch
- **VPX3-663** PCIe Gen 3 / 10G Ethernet hybrid switch
- **VPX3-673A** A-PNT/Radial Clock card
- **VPX3-1260** 9th Gen Intel Xeon-E processor-powered general-purpose single board computer
- **VPX3-E320** ruggedized universal software-defined radio peripheral
- **VPX3-4935** NVIDIA® Quadro™ Turing™-power GPU co-processing engine
- **8-slot 3U OpenVPX CMOSS/SOSA-aligned enclosure**
- **CMOSS/SOSA Starter Kit** for ground combat vehicles with VPX3-1260, VPX3-673A and VPX3-687 modules.

For more information, please visit <https://www.curtisswrightds.com/technologies/open-architecture/modular-open-systems-approach-mosa.html>.

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 integrated business that provides highly engineered products, solutions and services mainly to Aerospace & Defense markets, as well as critical technologies in demanding Commercial Power, Process and Industrial markets.

Headquartered in Davidson, N.C., we leverage a workforce of 7,800 highly skilled employees who develop, design and build what we believe are the best engineered solutions to the markets we serve. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing innovative solutions through trusted customer relationships. For more information, visit www.curtisswright.com.

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