



NEWS RELEASE

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Curtiss-Wright and Annapolis Micro Systems Cooperate to Bring Best-in-Class SOSA™ Technical Standard Aligned Solutions to Embedded Market

New agreement will speed customer access to industry's broadest range of SOSA-aligned OpenVPX™ SBC, DSP, FPGA and Switch modules

ASHBURN, Va. – September 20, 2021 – Curtiss-Wright's [Defense Solutions division](#), a trusted leading supplier of rugged ISR and EW processing modules and systems, and [Annapolis Micro Systems](#), a leading FPGA board and systems supplier, today announced they will collaborate to bring best-in-class [SOSA](#)-aligned solutions to the embedded market. Under the agreement, both companies will qualify for interoperability a range of their products based on the SOSA Technical Standard developed by The Open Group Sensor Open Systems Architecture™ consortium. The partnership combines Curtiss-Wright's leadership position as a supplier of modular open system approach ([MOSA](#)) based single-board computers ([SBC](#)) and digital signal processor ([DSP](#)) engines with Annapolis Micro Systems' leadership in [FPGA](#) boards and [switch](#) modules capable of 100Gb Ethernet. The agreement will simplify and speed the ability of customers to access and integrate products from two of the embedded industry's leading solutions providers, greatly expanding the range of SOSA-aligned products the companies can deliver to system designers. Under the agreement, both companies will be able to reference sell their SOSA-aligned 3U and 6U OpenVPX modules and chassis to support designers of demanding compute-intensive applications such as EW, radar, and signals intelligence.

"Our close collaboration allows customers to confidently combine our Xilinx®-based FPGA boards, switches, and chassis/backplanes, with Curtiss-Wright's Intel®-based DSP engines and single board computers, into a qualified best-in-class SOSA-aligned solution," said Noah Donaldson, Annapolis Micro Systems Chief Technology Officer.

“As a result of this agreement, the integration of SOSA solutions sourced by Curtiss-Wright and Annapolis Micro Systems will be as seamless as if the boards were being purchased from a single vendor,” said Chris Wiltsey, Senior Vice President and General Manager, Curtiss-Wright Defense Solutions. “This collaboration will provide customers with access to the broadest range of SOSA-aligned system building blocks and rugged integrated solutions.”

Curtiss-Wright CMOSS-Compliant/SOSA Aligned Available Hardware

Curtiss-Wright offers a broad complement of open architecture solutions for C5ISR/EW Modular Open Suite of Standards ([CMOSS](#)) and SOSA aligned systems, including high-performance SBC, DSP, GPGPU, A-PNT timing, and network switch cards. In addition, Curtiss-Wright provides CMOSS-compliant lab development chassis and rugged deployable multi-slot chassis. System integrators are encouraged to contact Curtiss-Wright system architects and CMOSS product managers at ds@curtisswright.com to schedule a discussion about currently available and forthcoming embedded modules.

Open Standards Leaders

Curtiss-Wright and Annapolis Micro Systems are active contributors to the definition and advancement of the open standards included in CMOSS and those being defined by the SOSA Consortium. Both companies have been leading participants in the development of the CMOSS and SOSA standards since the inception of both initiatives and are key participants in several SOSA Consortium working groups (including holding a chair position in the SOSA Consortium). In addition, both companies have also been leading contributors to the VITA Standards Organization (VSO) which 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 and Annapolis Micro Systems ideally positioned to work with customers to help guide the development and success of their CMOSS and SOSA aligned applications.

To learn more about Curtiss-Wright’s SOSA-aligned products, please [click here](#). To learn more about Annapolis Micro Systems’ SOSA-aligned products, please [click here](#).

For additional information, please visit www.curtisswrightds.com, LinkedIn, and Twitter @CurtissWrightDS. For additional information, please visit www.annapmicro.com, [LinkedIn](#), and Twitter @Annapolis_Micro.

About Annapolis Micro Systems

Annapolis Micro Systems maintains a full EcoSystem of 3U & 6U VPX 100Gb Ethernet SOSA™-aligned products for challenging data digitization, digital signal processing, and data recording applications. Proven FPGA-based Baseboards, Switches, Storage Boards, and Chassis/Backplanes are designed for advanced HPC, ISR, and multi-function EW, including phased array radar, cybersecurity network processing, DRFM, beamforming, wireless communication, and radar signal processing. For more information, visit www.annapmicro.com/

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 employs approximately 8,200 people worldwide. For more information, visit www.curtisswright.com.

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