



NEWS RELEASE

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Curtiss-Wright and WOLF Advanced Technology Collaborate to Bring Advanced NVIDIA Maxwell and Pascal GPGPU COTS Solutions to ISR/EW Applications

New Reseller Agreement Speeds and Eases the Development of High Performance Embedded Computing (HPEC) Systems with Pre-Validated/Integrated OpenVPX™ Modules

ASHBURN, Va. – March 30, 2017 -- [Curtiss-Wright's Defense Solutions division](#) today announced that it has entered into a reseller agreement with [WOLF Advanced Technology](#) enabling Curtiss-Wright to serve as a single point of contact for system integrators who require best-in-class NVIDIA® Maxwell®, and Pascal® GPGPU-based OpenVPX and XMC modules for use in compute-intensive CUDA/OpenCL ISR applications as well as video capture, process, encode and display applications. This will benefit designers of [High Performance Embedded Computing \(HPEC\) systems](#) used in demanding ISR and EW applications that require TFLOPS of accelerated compute power. The non-exclusive agreement will speed and ease the integration of WOLF's NVIDIA-based GPGPU accelerator products with Curtiss-Wright's industry-leading rugged processing modules. Under the agreement, Curtiss-Wright will serve its customers as a single point of contact for procurement and support of these WOLF products. As a result, designers of HPEC systems will be able to more quickly and easily integrate CUDA and OpenCL-based solutions. The program risk associated with developing complex HPEC system will be greatly reduced, since system integrators now have faster access to pre-validated and pre-integrated COTS modules, development platforms, and fully integrated HPEC systems, all supported by Curtiss-Wright's [OpenHPEC™ Accelerator Suite™ of software tools](#) to expedite development-to-deployment.

“Increasingly, our HPEC system customers are turning to high performance CUDA-based GPGPU processing solutions to drive their parallel computing ISR/EW applications and maximize their performance per watt,” said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. “We are excited to announce this agreement with WOLF, which enables us to provide our customers with all of the benefits of NVIDIA GPGPU processing on open standards-based 3U and 6U OpenVPX boards and XMC mezzanine modules. Working with Curtiss-Wright, HPEC designers will experience faster and simpler

access to the boards, systems and software they need, and all of the advantages of single point of contact for support.”

“WOLF is known for rugged video graphics solutions that use advanced GPU technology. We are thrilled to partner with Curtiss-Wright to enable WOLF technology to be included in their HPEC system designs,” says Craig McLaren, WOLF’s CEO. “As an NVIDIA and AMD Preferred Solution Provider WOLF will continue to focus on designing modules, mezzanines and boards that will provide Curtiss-Wright customers with the highest performance GPU processing solutions available for aerospace and defense.”

The CUDA/OpenCL Advantage

ISR and EW system designers using the CUDA and OpenCL programming languages are able to develop new high performance HPEC cross-cueing applications by alternate processing solutions. When integrated into Curtiss-Wright HPEC systems, WOLF’S GPGPU processor cards provide the extreme levels of raw compute power required to address the massive amounts of data generated by modern Radar, SIGINT and EO/IR sensors.

For more information about Curtiss-Wright’s Defense Solutions division, please visit www.curtisswrightds.com.

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 8,000 people worldwide. For more information, visit www.curtisswright.com.

About WOLF Advanced Technology

WOLF Advanced Technology designs, develops and manufactures rugged boards for video capture, process, encode and display. All WOLF solutions are designed to operate flawlessly in even the harshest aerospace and defense environments without sacrificing any of the processing power available from the latest generation high-speed NVIDIA and AMD GPUs. WOLF’s products include rapidly available COTS solutions, feature-tailored MCOTS solutions, and full custom designs. For more information, visit wolfadvancedtechnology.com.

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