



## NEWS RELEASE

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FOR IMMEDIATE RELEASE

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### **Curtiss-Wright Introduces a New Edition of its Award Winning OpenHPEC™ Accelerator Suite to Ease and Speed Development of Small HPEC Systems**

***New cost-effective OpenHPEC LX software toolkit features ARM® (formerly Allinea) DDT debugger and profiler***

**ASHBURN, Va. – January 5, 2018** – Curtiss-Wright’s Defense Solutions division today introduced a new version of its award-winning<sup>1</sup> OpenHPEC™ Accelerator Suite software toolkit targeting the needs of system integrators designing multi-core-based ISR and EW applications intended for deployment on smaller systems. [OpenHPEC Accelerator Suite LX \(OpenHPEC LX\)](#) provides tailored tools derived from the [original OpenHPEC Accelerator Suite](#), the industry’s first set of development tools to bring best-of-class open architecture APIs and tools from the Commercial HPC market to COTS system integrators.

OpenHPEC LX provides the user with a system controller/manager that configures the system and simplifies the management and synchronizing of software across multiple independent nodes. It features [ARM’s \(formerly Allinea\) DDT debugger and profiler](#) to provide High Performance Embedded Computing (HPEC) system integrators with advanced capabilities for debugging and optimization of multi-threaded software. OpenHPEC LX greatly improves time-to-deployment with powerful tools such as System Framework Bit and Data Flow. While the original full-featured OpenHPEC Accelerator Suite is ideal for developing and debugging large systems (>4 nodes), the new OpenHPEC LX is designed specifically for use with small HPEC systems ranging in size from 1 to 4 nodes. This powerful software toolkit enables system integrators to speed and ease the development of supercomputing-class systems for demanding applications such as radar processing, image processing, sensor processing SIGINT, ISR, and EW.

“Our original OpenHPEC Accelerator Suite of HPEC software tools, recently recognized by Military and Aerospace Electronics magazine with its prestigious Platinum Innovators Award, was the first to bring proven commercial HPC market development solutions to the COTS defense market,” said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. “Now, with our new cost-effective OpenHPEC LX

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<sup>1</sup> On November 14, 2017, Curtiss-Wright’s OpenHPEC Accelerator Suite was honored with a Platinum Award, the highest possible honor, during *Military and Aerospace Electronics* magazine’s 2017 Technology Innovator Award ceremony

we are bringing this same breakthrough approach to developers of small-scale embedded software clusters to help drive an easier and faster development cycle.”

**About Curtiss-Wright’s OpenHPEC Accelerator Suite:**

The OpenHPEC approach effectively removes the risk from developing embedded computer clusters. Curtiss-Wright’s family of OpenHPEC Accelerator Suite development tools brings the benefits of open standard HPC software tools to the COTS market. These software development toolsets provide HPEC system developers with a broad and comprehensive array of open standard drivers, middleware and libraries, as well as proven solutions such as cluster-wide debugging tools, performance profiling, performance reports, data flow performance analysis, and built-in-test tools, all of which have already been developed and qualified for Commercial HPC use.

Sales inquiries: Please forward all Sales and reader service inquiries to [ds@curtisswright.com](mailto:ds@curtisswright.com).

For more information about Curtiss-Wright’s Defense Solutions division, please visit [www.curtisswrightds.com](http://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](http://www.curtisswright.com).

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