# NEWS RELEASE

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

## Curtiss-Wright Announces initiative to support the development of the U.S. Army's MORA architecture with compliant RF capabilities using embedded COTS systems

**AUSA 2015, WASHINGTON, D.C.** (Booth #6717) **– October 12, 2015 –** Curtiss-Wright Corporation today announced that its Defense Solutions division has begun an initiative to support the addition of RF capabilities to its full range of rugged embedded open architecture modules and small-form factor subsystems. This initiative also extends Curtiss-Wright's support for the U.S. Army's Modular Open RF Architecture (MORA). Curtiss-Wright plans to fully support the MORA architecture, which is being developed by the U.S. Army's Communications-Electronics Research, Development and Engineering Center (CERDEC). MORA compliant RF systems can be implemented in the popular OpenVPX™ module and backplane open standard managed by VITA, the critical embedded system trade association. It enables the creation of true open standards-based RF and microwave designs to address the size, weight, and power consumption (SWaP) constraints of today's ground vehicles. MORA also enables the rapid upgrading of legacy RF and microwave systems through the integration of newer standard modules. Curtiss-Wright plans to support MORA with compliant OpenVPX hardware and software solutions to provide enhanced C4ISR/EW capabilities that perform optimally within the SWaP constraints of platforms and provide subsystem commonality across the vehicle fleet to reduce life cycle costs.

"We are very excited to announce our new initiative to support the U.S. Army's Modular Open RF Architecture with a range of size, weight and power optimized open architecture subsystems," said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. "We believe that MORA provides a path for using true industry open standards to develop rugged COTS solutions to meet these critical requirements."

### About the MORA Architecture

Current C4ISR/EW systems use single purpose hardware and software that lack flexibility and compete for limited resources on the platform (i.e., space, power, spectrum). CERDEC is developing MORA, which will enable the development of true open standards-based RF and microwave modules and small-form factor subsystem designs that address SWaP constraints of today's ground vehicles. The resulting converged open architecture will provide open interfaces to enable rapid insertion of new capabilities, interoperability and a reduced SWaP footprint.

**About CERDEC**
The Communications-Electronics Research, Development and Engineering Center is part of the U.S. Army Research, Development and Engineering Command, which has the mission to develop technology and engineering solutions for America's Soldiers. The Communications-Electronics Research, Development and Engineering Center, more commonly known as CERDEC, actively advances Soldier capabilities that enable situational awareness and understanding, establish and secure communications, and protect Soldiers from surprise attack.

More than 3,000 Department of Army civilians, military service members and contractors make up CERDEC's workforce of scientists, engineers and business support professionals. CERDEC's long history of researching and engineering excellence continues in state-of-the-art laboratories and administrative facilities that opened in 2011 at Aberdeen Proving Ground, Md. CERDEC has its second largest concentration of labs at Fort Belvoir, Va., with additional facilities at Joint Base McGuire-Dix-Lakehurst, N.J. and other areas across the U.S. and overseas. For more information, visit http://www.cerdec.army.mil.

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

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 9,000 people worldwide. For more information, visit www.curtisswright.com.

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