



NEWS RELEASE

FOR IMMEDIATE RELEASE

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Nuclear Hardened, VICTORY-Compliant COTS Mission Computer for Combat Vehicles Introduced by Curtiss-Wright

Fully Integrated/Qualified 3-Slot OpenVPX™ Mission Computer combines VICTORY-compliant Network Switch and Vehicle Maintenance Services with Power Architecture® processor in WSMR-tested RAD-Tolerant Subsystem

ASHBURN, Va. – April 29, 2015 – [Curtiss-Wright Corporation](#) (NYSE: CW) today announced that its [Defense Solutions](#) division has introduced a fully qualified rugged mission computer that has been fully qualified for a program of record to the ground combat vehicle environment, including nuclear hardening. The [MPMC-9331 Multi-Platform Mission Computer](#), based on the popular [3U OpenVPX™](#) small form factor architecture, is designed to satisfy demanding compute-intensive combat vehicle applications such as Ballistic Fire Control. The MPMC-9331 provides three (3) payload slots, two of which are pre-integrated with a [VICTORY \(Vehicular Integration for C4ISR/EW Interoperability\)](#)-complaint networking and vehicle maintenance module and a powerful Power Architecture® processor module. The third payload slot is available for system expansion to meet the customer's unique application requirements.

“We are very excited to introduce the aerospace and defense market's first nuclear hardened VICTORY-compliant, [Fire Control & Mission Computer solution](#),” said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. “This powerful and rugged COTS subsystem, that has been fully qualified for a program of record, leverages today's leading technology to reduce the system integrator's design risk while speeding their combat vehicle application's development schedule.”

Successfully tested for [RAD-tolerant operation](#) at the White Sands Missile Range (WSMR), the mission computer comes pre-qualified and fully configured with Curtiss-Wright's industry leading COTS VPX3-671 VICTORY Ethernet Switch and Power Architecture®-based [single board computer \(SBC\) modules](#). The MPMC-9331 is designed to satisfy the US Army's requirement for Common Ethernet Line Replaceable Module (CEL) solutions. With integrated VICTORY network and vehicle maintenance services, this powerful, yet [SWaP-C-optimized](#), mission computer eases the deployment of interoperable “off-the-shelf” processing for demanding combat vehicle applications. Even better, because it's pre-qualified and RAD-tolerant tested, the MPMC-9331 reduces program development time and risk, thereby accelerating time to deployment.

WSMR Tested for Radiation-Tolerant Operation

Through the careful selection of its COTS components, the MPMC-9331 mission computer supports radiation-tolerant operation if exposed to a nuclear event.

DSTRA Support

The MPMC-9331 also meets the US Army's Direct Support TMDE (Test, Measurement, & Diagnostic Equipment) Reduction Application standard for logging and maintenance.

Click here for more information on the MPMC-9331. For availability and detailed pricing information, please contact the factory.

Sales inquiries: Please forward all Sales and reader service inquiries to Kavita Williams, Curtiss-Wright Defense Solutions, Tel: (661) 705-1142; Fax: (661) 705-1206; email: ds@curtisswright.com.

For more information about Curtiss-Wright's Defense Solutions division, please visit www.cwcdefense.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 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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