



NEWS RELEASE

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METADATA SUPPORT ENHANCES INDUSTRY-LEADING HD VIDEO MANAGEMENT SYSTEM FROM CURTISS-WRIGHT

*Integrated COTS-based VRD1 VMS solution now also provides metadata
capture support for industry's leading cameras and sensors*

ASHBURN, Va. – July 22, 2015 – [Curtiss-Wright Corporation](#) (NYSE: CW) today announced that its [Defense Solutions](#) division has further enhanced its innovative [VRD1 high definition \(HD\) video management system \(VMS\)](#) with support for precise and accurate metadata capture. Ideal for capturing critical situational data and combining it with camera and sensor data, the VRD1 provides an unmatched single unit VMS for fixed and rotor-wing aircraft used in aerospace, defense, and SAR and public safety missions. With interface support for all of the leading camera types, including HD multi-spectral cameras such as the FLIR 380 HD, the VRD1 eliminates the need for system designers to integrate their own VMS solution. The extremely rugged COTS-based system uniquely captures, compresses, distributes, switches, outputs, records, and streams/downlinks video via Ethernet. It also supports video scaling, windowing, and quad picture-in-picture/picture-by-picture display to provide flight and mission crews with the viewing flexibility they require for mission success. Delivered fully integrated, the VMS speeds and eases the deployment of intelligent video management capabilities.

“With its ability to combine precise metadata with HD video camera inputs, our VRD1 lets airborne crews know exactly when and where their video images were captured and exactly when and where their aircraft was when its cameras captured those video images,” said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. “For airborne defense helicopters seeking adversaries, for police surveillance crews that need accurate evidence, and for Search & Rescue teams who need pinpoint location accuracy, the VRD1 is a single system solution.”

About the VRD1

The comprehensive VMS functionality built into the VRD1 previously required multiple components and/or expensive customized systems. The conduction-cooled [VRD1-CC](#) (an air-cooled variant is also planned) is a lightweight, compact space, weight and power (SWaP)-optimized subsystem. A single VRD1-CC unit combines six (6) channels of full resolution HD 30fps MPEG4 H.264 compression, video and audio recording with

metadata/event markers, and Ethernet video distribution or storage to disk. Its simple, intuitive man-machine interface provides an on-board (or remote) operator with complete access to the VRD1-CC's wide range of VMS options and functionality. It supports up to 18 video inputs in a mix of different standards, including HD-SDI, RGB and DVI. These video inputs can then be easily routed to any of the VRD1-CC's 12 video outputs for real-time viewing or routed to the system's real-time HD video compression subsystem for recording or distribution over a standard Ethernet network.

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 (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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