



NEWS RELEASE

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

RUGGED 10/40 GIGABIT ETHERNET SWITCH THAT BRINGS HIGH SPEED NETWORKING TO 3U VPX SYSTEMS INTRODUCED BY CURTISS-WRIGHT

New VPX3-687 3U Switch Module Delivers 10x Faster Ethernet Compared to Earlier 1 GbE Designs

AUSA 2015, WASHINGTON, D.C. – October 12, 2015 – Curtiss-Wright Corporation today announced that its Defense Solutions division has introduced the industry’s highest density, fastest throughput [3U form factor Ethernet switch module](#). The new [VPX3-687 1/10/40 Gigabit Ethernet \(GbE\) switch module](#) is designed to address the increasing demand for 10 and 40 GbE data transfers in embedded systems. Earlier 3U OpenVPX™ Ethernet switch cards were typically limited to 2-4 ports of 10 GbE, and were only able to interconnect a couple of switches or modules. In comparison, with its 320 Gbps of line-rate switching, the fully managed multi-layer VPX3-687 provides support for up to 32 ports of 10 GbE (or 8 ports of 40 GbE) in a single 3U slot. This increased performance raises the level of Ethernet connectivity to that previously available only in 6U systems and results in significant [Size, Weight, Power and Cost \(SWaP-C\)](#) reduction. Validated for deployment in the harshest environments, the rugged VPX3-687 is available in both air-cooled and conduction-cooled formats.

“Our customers are increasingly turning to 10 Gigabit Ethernet to achieve levels of performance in 3U VPX systems previously only obtainable from larger and hotter 6U designs,” said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. “We continue to expand our family of 10/40 GbE-enabled products to provide our system designers with powerful and flexible building blocks, like our new VPX3-687 module, that enable a new level of performance in SWaP-optimized small form-factor embedded systems.”

The high-speed VPX3-687 enables system designers to take full advantage of the latest generation of Ethernet interfaces featured on Curtiss-Wright’s newest high performance 3U VPX processing modules. Because VPX3-687 also supports 1 GbE data rates it is fully compatible with Curtiss-Wright’s full line of processor modules. Use of the VPX3-687 enables system designers to easily and flexibly integrate powerful embedded systems using the highest speed sensors, single board computers and signal processing modules available. Its combination of low-latency and high-speed

data links is suitable for demanding applications such as airborne radar and EW. It can also be used in situational-awareness and ISR applications that require high-speed data for HD video and hyper-spectral imaging. Designed to deliver optimal performance in harsh aerospace and defense environments, the VPX3-687 is ideal for use in manned and unmanned ground vehicle, airborne and naval deployed platforms.

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 <http://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 <http://www.curtisswright.com>.

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