NEWS RELEASE

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NEW VICTORY COMPATIBLE ETHERNET SWITCH AND VETRONICS COMPUTER SYSTEM INTRODUCED BY CURTISS-WRIGHT

Second generation Digital Beachhead™ delivers 16-Ports of GbE Layer 2 switching/Layer 3 routing, embedded GPS, and multicore ARM processing at 50% size reduction

ASHBURN, Va. – July 20, 2015 – Curtiss-Wright Corporation (NYSE: CW) today announced that its Defense Solutions division has introduced the next generation of its groundbreaking **Gigabit Ethernet (GbE) switch/router and vetronics computer** Digital Beachhead™ subsystem. The original Digital Beachhead, introduced in 2012, was the industry's first integrated VICTORY solution for implementing the U.S. Army/U.S. Marine Corps supported Vehicle Integration for C4ISR/EW Interoperability (VICTORY) standard, and featured GigE switching and routing, along with VICTORY Data Bus, Management and Shared Services. The new **DuraDBH-672 Digital Beachhead** is designed for system integrators seeking rugged Size, Weight, Power and Cost (SWaP-C) optimized COTS solutions for implementing VICTORY. Compared to the original Digital Beachhead, the DuraDBH-672 reduces overall size by 50%, while also reducing system weight and cost. The DuraDBH-672 supports both ground vehicle and airborne platform applications with MIL-STD-704/1275 power compatibility and MIL-STD-810G environmental requirements for tactical land vehicles and aircraft platforms.

The new Digital Beachhead system builds on and enhances the proven and popular VICTORY appliance capabilities introduced in the original DBH-670 Digital Beachhead system. The updated DuraDBH-672 delivers 16 ports of managed GbE switching and static routing, a low-power multicore ARM® processor-based vetronics computer, and support for VICTORY software applications (based on U.S. Army TARDEC libVICTORY API) and common network services software. It also includes support for an external GPS or optionally integrated Rockwell Collins SASSM/SPS GPS receiver. This all-in-one unit consolidates the network switch, vehicle processor, embedded GPS, solid state storage, and add-in I/O interface support in a single LRU. It's ideal for use in tactical ground vehicles and aircraft that need to upgrade situational awareness capabilities by implementing Ethernet network edge capabilities and low-power rugged computing capabilities.

"As a committed participant in the VICTORY initiative since its inception we are very excited to introduce the new DuraDBH-672, our second generation of Digital Beachhead network and vetronics computer," said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. "This rugged all-in-one VICTORY appliance features significantly optimized SWaP-C compared to its predecessor and eases the implementation of interoperability and state-of-the-art networking for ground vehicles and airborne platforms."

The DuraDBH-672 Digital Beachhead

The DuraDBH-672 delivers core VICTORY-compliant networking and processing capabilities. This rugged Line Replaceable Unit (LRU) features a multicore ARM-based Freescale™ i.MX6 processor based vetronics computer capable of supporting general-purpose processing requirements or optional VICTORY Data Bus Management and Shared Processor Services. The DuraDBH-672 also provides an interface for a military or civilian GPS receiver (internal or external). Support for optional VICTORY services application software enables the unit to function as a VICTORY Infrastructure Switch and Shared Processing Unit.

The new Digital Beachhead also features a modular I/O and storage architecture based on PCI Express® (PCIe) Mini cards and mSATA SSD Flash storage that supports the application-specific I/O requirements (MIL-STD-1553 / ARINC429 / COM / DIO / GPS modules) traditionally offered with Parvus DuraCOR mission computers. For unique requirements, Curtiss-Wright offers turnkey Modified COTS (MCOTS) variants of the Digital Beachhead and application engineering services.

The U.S.-built DuraDBH-672 subsystem is dust and water proof (IP67) and runs fanless under extended operating temperatures. Designed for high shock/vibration requirements, the DuraDBH-672 integrates a filtered, transient-protected power supply for aircraft and vehicle use (per MIL-STD-1275, MIL-STD-704) and includes circular MIL-DTL-38999 connectors on its front panel for reliable network connections.

The DuraDBH-672 can be easily integrated with Curtiss-Wright's broad family of high-performance x86 Intel® Core™ i7-based Parvus DuraCOR mission computer LRUs and Layer 3 Cisco® IOS®-based routers, such as the Parvus DuraMAR 5915, to develop an in-vehicle processing and network architecture.

Fulfilling the Promise of VICTORY

Today's combat vehicles are typically deployed with multiple independent systems that have no ability to share their functionalities or data. To address and mitigate this problem, the U.S. Army's VICTORY architecture encourages the use of COTS open-system standards, which helps reduce redundancy and makes additional space available by optimizing SWaP-C. The original DBH-670 Digital Beachhead product was the first COTS system to deliver an integrated VICTORY solution. The new DuraDBH-672 model continues that legacy in a form factor further optimized for low size, weight, power, and cost.

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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