



NEWS RELEASE

FOR IMMEDIATE RELEASE

Contact: John Wranovics
(925) 640-6402

Curtiss-Wright Announces Assured Position, Navigation & Timing (A-PNT) Solution Roadmap

*Upcoming VPX3-673 3U OpenVPX™ module and DuraDBH-672A Digital Beachhead™
system expand Curtiss-Wright's PNT offerings*

SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE (SOFIC) 2018, TAMPA, Fla.

(Booth #1919) – May 21, 2018 – Curtiss-Wright's Defense Solutions division today announced plans to introduce a family of commercial-off-the-shelf (COTS)-based modules and LRU solutions designed for system integrators seeking to rapidly and cost-effectively deploy Assured Position, Navigation and Timing (A-PNT) services to ground vehicles operating in GPS-denied environments. Building on its current PNT solutions, the [DBH-672 Digital Beachhead](#) and [DBH-670 Digital Beachhead Rugged Switch](#), Vehicle Processor and Assured PNT Systems, Curtiss-Wright is developing the new **VPX3-673 A-PNT card**, a high performance single board computer. The rugged VPX3-673 will speed and ease the integration of Complementary PNT sources on ground vehicles. It will deliver state-of-the-art technology services, including a GPS Receiver (SAASM GB-GRAM Type II, upgradeable to M-Code), Chip Scale Atomic Clock (CSAC), and an on-board Inertial Measurement Unit (IMU), to eliminate the need for multiple in-platform boxes or the use of "bolt-on" technologies in order to field new Navigation Warfare (NAVWAR) capabilities. Curtiss-Wright also announced today an enhanced version of its DBH-672 Digital Beachhead. The new **DBH-672A Digital Beachhead**, a fully integrated rugged LRU, adds support for a GPS Receiver (SAASM GB-GRAM Type II, upgradeable to M-Code), CSAC, and IMU to the earlier model's built-in VICTORY infrastructure switch and shared processor unit features.

"Our customers are seeking state-of-the-art technology capabilities that enable the detection of threats to GPS while delivering trusted distributed PNT data to in-vehicle clients," said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. "Building on the success of our Digital Beachhead VICTORY-compliant switches, we are proud to lead the industry in delivering COTS-based solutions that reduce time, complexity, and cost to integrate the software and hardware elements required by the warfighter to effectively conduct NAVWAR."

A-PNT from Curtiss-Wright

Curtiss-Wright's A-PNT solutions are designed to provide ground vehicles with access to trusted PNT information while operating in conditions with limited, impeded, or denied GPS. Based on [open-architecture](#), COTS technology, Curtiss-Wright's 3U OpenVPX module and fully integrated rugged LRU A-PNT solutions are cost effective, simple to configure, and rapidly deployable. As well, these A-PNT products are SWaP-optimized for both combat and tactical wheeled vehicle platforms to ease the integration of software and hardware elements required by the warfighter to effectively conduct operations in a GPS-denied environment.

By distributing the best available PNT data simultaneously to multiple platform applications that require GPS data, Curtiss-Wright A-PNT solutions eliminate the need for a ground vehicle to support multiple GPS receivers or antennas. Curtiss-Wright's A-PNT solutions meet legacy GPS distribution requirements and are compatible with standard DAGR accessories, such as RA-1/RA-2 antennas, Crypto Variable Fill cables, and all serial interface cables. They are designed to support both legacy and future technology, including interfacing to mission equipment, as well as Anti-Jam Antenna and tactical communications.

Availability

Limited quantities of early access units (EAU) of the new VPX3-673 module and DBH-672A Digital Beachhead unit will be available to qualified customers. Please contact David Jedynak, Director, Curtiss-Wright A-PNT Program Office (djedynak@curtisswright.com).

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 8,600 people worldwide. For more information, visit www.curtisswright.com.

###

Note: Trademarks are property of their respective owners.