



NEWS RELEASE

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Curtiss-Wright Brings IPMI Remote Management and High Speed NVMe Storage to PacStar 451 Server Module

Enhanced PacStar 451-NR module delivers enterprise-grade hyperconvergence solutions to the edge of the battlefield

AUSA 2021, WALTER E. WASHINGTON CONVENTION CENTER, WASHINGTON D.C. (BOOTH 7849) – October 11, 2021 – [Curtiss-Wright's Defense Solutions division](#) today announced that its [PacStar](#)[®] business, a leading developer and supplier of advanced communications solutions for the U.S. Department of Defense (DoD), has introduced an enhanced version of its popular [PacStar 451](#) rugged, small form factor network server. Now, with support for Intelligent Platform Management Interface (IPMI), the new PacStar 451-NR enables users to remotely set-up and manage their tactical server hardware, greatly easing and speeding ease of use and deployment. Media resources, such as DVDs, USB drives and ISO files can be accessed using a remote keyboard, video and mouse (KVM) over IP networks, eliminating the need for the operator to be physically present.

The enhanced PacStar 451-NR also adds the industry's highest density support for high-speed NVMe storage. The server now hosts three NVMe drives, two packaged in removable cartridges, measuring only 1" x 2.5" housing up to 4TB drives. The PacStar 451 module can run standalone or be rapidly integrated into a larger PacStar 400-Series based packaging solution, which can support up to 9 PacStar 400-Series modules in a 4RU form factor.

"Our PacStar business consistently sets the industry standard for bringing the latest enterprise-class network and compute performance to rugged, SWaP-optimized solutions designed to deliver optimal performance in harsh battlefield environments," said Chris Wiltsey, Senior Vice President and General Manager, Curtiss-Wright Defense Solutions division. "The new PacStar 451-NR server provides a perfect example, newly enhanced to provide more and faster storage while speeding deployment with IPMI remote network management support."

"We are committed to delivering the highest-performance compute and networking solutions at the tactical edge of the battlefield," said Peggy Miller, Senior General Manager, PacStar Business Unit, Curtiss-Wright Defense Solutions division. "Our customers are seeking high-performance, rugged solutions to support system hyperconvergence on the move. With its remote management capability and super-fast, high-density storage, the PacStar 451-NR is designed to provide the easiest-to-use communications solutions for the warfighter. Combined with our IQ-Core® Software, PacStar 400-Series products provide maximum visibility into network operations and management, speeding the deployment of applications at the edge, to ensure access to advanced technology, even in a disconnected, intermittent and limited environment."

About the PacStar 451-NR

PacStar 451-NR Small Server Module is a high-performance virtualization platform in a compact, quick setup, rugged form factor. It is equipped with Intel® Xeon® D processors providing either 8, 12, or 16 physical CPU cores, up to 128 GB RAM, 10 GigE SFP+ networking, and more than 8TB NVMe storage. Capable of hosting a vast array of applications, virtualized network functions, storage, analytic and cybersecurity technologies, PacStar 451 delivers this industry-leading performance in a 2.5 lb., MIL-STD tested platform for flyaway, command post, ground vehicle and aircraft applications.

Powering CSfC Networking Solutions

The PacStar 451 recently completed cryptographic and cybersecurity testing in accordance to the Common Criteria Evaluation and Validation Scheme (CCEVS) with Cisco Adaptive Security Virtual Appliance (ASAv) 9.12. certified with Cisco Adaptive Security Virtual Appliance (ASAv) 9.12. The successful completion of Common Criteria certification extends the servers' full firewall functionality for use in classified networking solutions and enables customers to obtain or renew an Authorization to Operate (ATO). PacStar 400-Series servers with Cisco ASAv deliver a range of rugged, small form-factor networking appliances for use as a traffic filtering firewall and VPN gateway. These solutions are optimal for a wide variety of tactical and expeditionary use cases that require network protection and encryption of data-in-transit – including use in classified networks protected by commercial solutions.

Curtiss-Wright's PacStar business offers a wide array of system packaging options for PacStar 400-Series, including

briefcase, transit case, rack mount, vehicle mount, and backpack transport. Curtiss-Wright's PacStar products are manufactured in its facility in Portland, Oregon.

About PacStar's Family of Leading Battlefield Solutions

PacStar's industry-leading family of advanced communications solutions addresses a wide range of military, intelligence and commercial applications. PacStar creates and manufactures COTS-based rugged, small form factor expeditionary and mobile communications systems. Separately, it developed integrated, network communications management software, IQ-Core Software, for the military, federal, state/local government and emergency responder markets. The company's patented IQ-Core Software, hardware technology, and integrated solutions provide secure, command, control and communications systems, particularly in remote or infrastructure starved areas. In addition, PacStar's communications systems are ideally suited for commercial/industrial organizations with mission-critical field communications requirements. For additional information, please visit <https://pacstar.com>, [LinkedIn](#), and Twitter [@pacstarcomm](#).

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 Aerospace and Defense markets, and to the Commercial markets including Power, Process and General Industrial. 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 8,200 people worldwide. For more information, visit <http://www.curtisswright.com>.

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