



## NEWS RELEASE

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### **Curtiss-Wright Enhances PacStar® Modular Data Center with High Speed NVMe® Storage and IPMI Support**

*High performance expeditionary data center solution ideal for speeding deployment of enterprise-grade hyperconvergence solutions to the edge of the battlefield*

**ASHBURN, Va. – December 1, 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 configuration of its PacStar Modular Data Center (MDC). With support for NVMe storage and Intelligent Platform Management Interface (IPMI) remote management, [the new PacStar MDC-NR](#) delivers more compute power and NVMe storage (>8TB) than any other tactical data center. Using IPMI, warfighters can remotely or programmatically set-up and manage their tactical server hardware, greatly easing and speeding deployment. Using a remote keyboard, video and mouse (KVM) over IP networks and the ability to remotely mount media resources, such as DVDs, USB drive and ISO files, eliminates the need for the operator to be physically present.

PacStar MDC-NR enables tactical and expeditionary teams to access data and compute resources using state-of-the-art cloud, virtualization, and containerization, even in disconnected, intermittent, and limited (DIL) environments where WAN connectivity is not assured. It can host a vast array of flyaway, command post, ground vehicle and aircraft applications for virtualized network functions, storage, analytics and cybersecurity technologies. It can be deployed dismounted, in forward operating bases (FOB), command posts, ground vehicles and aircraft, as well as in upper echelons – for military, intelligence, law enforcement, and Homeland Security use. When configured with

VMware® vSAN, PacStar MDC-NR is certified as VMware Ready for platform and compute.

"Our PacStar Modular Data Center are ready to field compute and storage solutions purpose built to deliver optimal performance at the tactical edge, said Chris Wiltsey, Senior Vice President and General Manager, Curtiss-Wright Defense Solutions. "Representing our commitment to continually raise the bar for innovation and enhanced performance, our new PacStar MDC-NR features high-speed NVMe storage and enables remote management via IPMI."

"Warfighters today need compute and network solutions that support system hyperconvergence on the move," said Peggy Miller, Senior General Manager, PacStar Business Unit, Curtiss-Wright Defense Solutions division. "With remote management capability and super-fast, high-density storage, the PacStar 451-NR, combined with our IQ-Core® Software, provides the easiest-to-use communications solution for 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 MDC-NR**

The PacStar MDC-NR is based on PacStar 451-NR Small Server Modules. These compact modules provide a high-performance virtualization platform in a quick setup, rugged form factor. They are 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 of NVMe storage. The PacStar 400-Series platform is widely deployed in the US Army and US Marine Corps, having been selected and deployed by the US Army PM TN T2C2, SFAB, and ESB-E programs and the US Marines NOTM program.

PacStar MDC solutions, based on widely deployed and proven PacStar 400-Series COTS small form factor modules, host compute, storage and networking functions with industry-leading reduction in size, weight and power (SWaP). These rugged tactical and expeditionary data centers are ideal for hosting mission command, cloud/storage, sensor fusion, AI and analytics applications.

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 [www.curtisswright.com](http://www.curtisswright.com).

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