



NEWS RELEASE

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Curtiss-Wright Collaborates with Cog Systems to Bring Advanced VPN Security Technology to Remote Federal Workers

Adds support for Aegis R51 Enhanced Retransmission Device CSfC security to Curtiss-Wright's PacStar® Tactical Communications products

COMMERCIAL SOLUTIONS FOR CLASSIFIED CONFERENCE, ARLINGTON, Va. –

May 15, 2023 – [Curtiss-Wright's Defense Solutions division](#), a leading developer and supplier of advanced Modular Open Systems Approach (MOSA) communications solutions for the U.S. Department of Defense (DoD), announced that it is collaborating with [Cog Systems](#) to bring two-layer encrypted, NSA-approved, Commercial Solutions for Classified (CSfC) technology to devices used by remote federal defense and civilian organization workers for access to classified networks over any public Wi-Fi or cellular network. Curtiss-Wright will distribute Cog Systems' Aegis R51 Enhanced Retransmission Device (ERD) for use with its popular PacStar® family of CSfC Integrated Solutions powered by PacStar 400-Series rugged hardware and enabled by PacStar software products, including IQ-Core Network Communications Manager (NCM), IQ-Core Crypto Manager (CM), and IQ-Core Remote Operations and Management (ROAM). The Aegis R51 ERD enhances CSfC VPN security by sitting between any wireless carrier or Wi-Fi network and an end user's devices, such as a mobile phone, tablet, or laptop.

“The Aegis R51 ERD meets the NSA requirement for an Enhanced Retransmission device in a tiny package that magnetically attaches to a user's phone or laptop and integrates with simple USB pass-through charging. This makes PacStar's CSfC

solutions even better, by allowing users to access classified networks from any Wi-Fi or Cellular network,” said Dominic Perez, CTO at Curtiss-Wright Defense Solutions.

“Remote work is everywhere and federal workers need the same capabilities as we see being utilized in every fortune 500 company. Partnering with Curtiss-Wright to bring this remote access, via the Aegis R51 ERD and PacStar CSfC Solutions will bring productivity enhancements to our federal workers allowing for better situational awareness and the ability to work regardless of geography, or other impediments to working in the traditional office,” said Carl Nerup CEO of Cog Systems.

The Aegis R51 ERD is the only device fully compliant to CSfC Mobile Access Capability Package 2.5 requirements for Enhanced Retransmission Devices. It provides an additional layer of protection and isolation from untrusted networks by implementing a Firewall and Protocol Break in a compact and discrete device. The Protocol Break sanitizes the incoming dataflow, reducing the threat from malicious attachments and ensuring only clean data reaches connected devices. The Firewall can be tuned to only accept data from known IP addresses and to block data from other addresses before it reaches a connected device.

Built on an isolated and modular architecture, Aegis R51 ERD uses Cog Systems' Virtual Mobile Device SDK and formally verified type-1 virtualization. The Aegis R51 ERD features discrete virtual machines (VM) running on a Type-1 Hypervisor that keep critical processes secure and enable MILS architectures.

About Cog Systems

Cog Systems has been preparing for the revolution in connected device architecture since 2014. The traditional architecture of IoT and smart devices creates a massive attack surface, forcing security policy to accept high risk, restricted access, which poses a burden on users. By coupling the same modularity techniques used in cloud computing with the fundamentals of security, trustworthiness, and adaptability to enable highly secure connected devices, Cog proactively delivers the assurance of defense-grade security for world governments and corporate enterprises. <https://cog.systems/>

About the PacStar Family of Leading Battlefield Solutions

The industry-leading PacStar family of advanced communications solutions addresses a wide range of military, intelligence, and commercial applications. Curtiss-Wright created 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 communications systems are ideally suited for commercial/industrial organizations with mission-critical field communications requirements.

About Curtiss-Wright Corporation

Curtiss-Wright Corporation (NYSE:CW) is a global integrated business that provides highly engineered products, solutions and services mainly to Aerospace & Defense markets, as well as critical technologies in demanding Commercial Power, Process and Industrial markets. We leverage a workforce of approximately 8,100 highly skilled employees who develop, design and build what we believe are the best engineered solutions to the markets we serve. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing innovative solutions through trusted customer relationships. For more information, visit www.curtisswright.com.

For additional information about Curtiss-Wright Defense Solutions products, please visit www.curtisswrightds.com, LinkedIn, and Twitter @CurtissWrightDS.