![Curtiss-Wright logo]

NEWS RELEASE

Curtiss-Wright Combines Quad-Core 6th Gen "Skylake" Intel® Mobile Xeon® Processing and Cisco® 5915 Embedded Services Router in Compact Chassis

Designed for deployed air, ground and maritime platforms, new DuraWORX 8043 delivers 32 GB of ECC DDR4 memory and Intel Iris™ Pro Graphics GPU with Cisco IO Router

HELI-EXPO 2017 (Booth #8751), DALLAS, TX – March 7, 2017 – – Curtiss-Wright's Defense Solutions division today introduced its newest multi-function computing and networking subsystem, the small form factor **DuraWORX® 8043**. The rugged, compact system uniquely combines the power of the latest 6th gen "Skylake" Intel Xeon E3-based processor (with Error-Correcting Code memory) and Cisco 5915 Embedded Services Router (ESR) networking technology. Designed to reduce C4ISR system integration challenges (thermal, cabling, power, installation) for tactical computing, IP networking and situational awareness applications, the DuraWORX 8043 reduces platform LRU count to minimize size, weight and power (SWaP) burdens in ground vehicle, fixed wing or rotary aircraft, maritime platforms. The unit enables system designers to deploy high performance Intel Mobile Xeon computing architecture and Cisco Systems IOS network routing into embedded computing applications that must perform in harsh temperature, shock, vibration, altitude, dust, water environmental and EMI conditions. It's ideal for use in outdoor, underground or other demanding embedded computing environments that require connectivity to IP-enabled equipment such as on-board computers, cameras, sensors, radios, satcom modems, monitoring devices, and command-and-control gear.

"C4ISR platforms need high-end compute power and reliable networking in rugged solutions that don't add size, weight and power burdens into deployed platforms," said Lynn Bamford, Senior Vice President and General Manager, Defense Solutions division. "Our new DuraWORX 8043 combines the latest 6th Gen "Skylake" Intel Mobile Xeon processing with secure Cisco 5915 Embedded Services Router networking, all in a compact rugged modular chassis that can be quickly modified to platform-specific requirements with minimal or no NRE expense."

All-in-One Solution for Processing & Networking
The DuraWORX 8043 optimizes size, weight and power by integrating the capabilities of Curtiss-Wright's standalone DuraCOR 8043 mission computer and DuraMAR 5915 router subsystems (with options for DuraNET Ethernet switching) into a scalable, single unit. The system provides the same secure Cisco IOS router technology as the earlier DuraWORX 8041,

but with double the memory. Additional advanced capabilities include Built-in-Test (BIT) self-diagnostics, power hold-up and power redundancy capabilities. DuraWORX 8043 also supports 200ms power hold-up capabilities to accommodate aircraft power transfers, as well as N+1 power redundancy for enhanced reliability.

Secure, Reliable Cisco-based Networking
The DuraWORX 8043's Cisco 5915 secure router technology provides extensive security capabilities (VPN, IPS/IDS, NAT, Encryption), and information assurance validations per FIPS 140-2 and Common Criteria. Leveraging ubiquitous Cisco Systems enterprise networking infrastructure, the DuraWORX 8043 extends Cisco IOS beyond the reach of traditional fixed networks into mobile and embedded systems applications. Its advanced network security features include extensive IPv4/IPV6 routing protocols, firewall and intrusion detection functionality, and encryption (AES/NSA Suite B). Remote VoIP phone services and Mobile Ad Hoc network (MANET) routing for on-demand network connectivity to UHF/VHF/Wi-Fi/tactical radio platforms are also supported.

Fully Tested and Pre-Qualified
The dual-use (commercial and military) DuraWORX 8043 is an ITAR-free LRU. It's designed to stringent MIL and commercial aerospace standards including MIL-STD-810G, MIL-STD-461G, MIL-STD-1275D, MIL-STD-704F and RTCA/DO-160G conditions for environmental, power and EMI compliance. The unit includes a military-grade power supply that supports aircraft (MIL-STD-704F, DO-160G) and ground vehicle (MIL-STD-1275D) voltages with capabilities for optional 50/200 ms power hold-up and N+1 failover redundancy.

Advanced Graphics
For graphics-intensive applications, the unit supports OpenGL® on its integrated Intel® Iris™ Pro Graphics GPU. It also supports OpenCL™, providing up to 640 GFLOPS of performance for data processing-intensive applications and its powerful Advanced Vector Extensions are available to accelerate math-intensive algorithms.

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 8,000 people worldwide. For more information, visit www.curtisswright.com.

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