

Mistral announces Ultra Small Rugged 8-Port Gigabit Ethernet Switch from Curtiss-Wright Defense Solutions

New “pocket sized” miniature switch reduces size by an astonishing 90%, and slashes weight 50%

Bangalore, 8th January, 2014: Mistral Solutions Pvt. Ltd., a leading technology design and product realization company, announced the availability of the new miniature Parvus DuraNET 20-11 subsystem from Curtiss-Wright, which is the industry’s smallest and lightest rugged 8-Port Gigabit Ethernet (GbE) Switch subsystem. This fully managed Layer 2+ switch is optimized for deployed defense, aerospace and civil ground vehicle and aircraft platforms that require extremely low size, weight and power (SWaP).

This highly rugged unit simplifies the integration of modern network architectures into manned and unmanned platforms that must endure harsh environmental and noisy electrical conditions. It also provides system integrators with an extremely reliable Local Area Network (LAN) switching solution for technology refresh and new platforms. It’s ideal for connecting Ethernet-enabled embedded devices, including computers, cameras, sensors, and command-and-control equipment deployed in digital networked architectures at the network edge.

The DuraNET 20-11 performs optimally in the harshest conditions and is designed to comply with MIL-STD-704F, MIL-STD-1275D, MIL-STD-461F, and RTCA/DO-160 for civil and military use. The compact subsystem is fully sealed, has no moving parts supports, and supports extended temperature operation (-40 to +85C) and resistance to high shock/vibration, humidity, altitude, and dust/water ingress. It sets a new standard for SWaP-optimization through the use of advanced PCB layout techniques and a highly integrated SOC that combines switch, management processing, and PHY functionality on a single highly reliable silicon device. MIL circular-type connectors make the DuraNET 20-11 ideal for applications where electromagnetic compatibility (EMC) is critical for Ethernet, power, console, and zeroize signals. It also features integrated EMI/power filtering to meet power input voltage, spikes, surges, transients.

For more information, visit: <http://www.mistralsolutions.com/parvus-duranet/>

About Curtiss Wright:

Curtiss-Wright Corporation (NYSE:CW) 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 10,000 people worldwide. For more information, visit www.curtisswright.com.

About Mistral

Mistral is a technology design and systems engineering company providing end-to-end solutions for product design and application deployment. Mistral is focused in two business domains: Product Engineering Services and Defense Solutions. Mistral provides total solutions for a given requirement, which may include hardware board design, embedded software development, FPGA design, systems integration and customized turnkey solutions. Mistral's strategic partnerships with leading technology companies help provide customers with a comprehensive package of end-to-end solutions. To know more, visit <http://www.mistralsolutions.com>.