For Immediate Release

Mistral introduces Industry's First VITA 46 (VPX) SBC:VPX6-185 from Curtiss Wright

Bangalore, October 2006 - Mistral Solutions Pvt. Ltd., a leading provider of complete technology solutions and professional services in the embedded space, today announced the availability of the industry's first VITA 46 (VPX)-based single board computer (SBC) from Curtiss Wright Controls Embedded Computing. The VPX6-185 combines the performance and the advanced I/O capabilities of the Freescale 8641 processor with an extensive I/O complement to provide a highly capable processing platform for a wide range of embedded military/aerospace applications.

The VPX standard, collaboratively developed by COTS industry leaders and prime military integrators, delivers a high-speed serial interconnect with a form-factor and feature set specifically designed to meet demanding military/aerospace applications.

The VPX6-185's processing engine is the Freescale 8641 single/dual-core PowerPC device. With its dual integrated 64-bit memory controllers, it offers vastly increased memory performance compared to prior generations of PowerPC processors.

The core-processing feature of the VPX6-185 includes 2Gbytes DDR II-266 SDRAM with ECC & 512 Mbytes Flash with write protection. Its I/O features includes a full master/slave VME64 interface, an on-board Serial RapidIO interconnect, 3 Gigabit Ethernet ports, 6 serial I/O channels, 2 full MIL-STD-1553 channels, 2 Serial ATA 1.0 ports and 16 discrete LVTTL I/O signals.

For core backplane connectivity, the VPX6-185 incorporates 4 Advanced Switching Interconnect (ASI) switch ports. For integration with high-density computing products such as Curtiss-Wright's CHAMP-AV6 VPX-based DSP engine, the VPX6-185 also provides Serial RapidIO connectivity.

The dual XMC/PMC sites on the VPX6-185 conform to the VITA 42.3 standard. With PCI Express connectivity, the 2 XMC sites provide the high bandwidth to memory required for high-performance graphics, networking, and data acquisition modules

A key enabler to the unmatched capabilities of the VPX6-185 is the VPX format, which provides backplane connectors capable of handling signaling speeds of up to 6.25 Gbits/sec.

The VPX connectors also include an ESD protection mechanism that enables the VPX6-185 to be safely handled in flight-line.

Software support for the VPX6-185 includes BSPs and driver suites for VxWorks 6.x with Wind River Workbench 2.0, INTEGRITY 6.x, and Linux 2.6.

About Curtiss Wright

Curtiss-Wright Controls Embedded Computing is a leading global supplier of embedded boards and integrated electronics subsystems for diverse markets and applications including Defense & Aerospace, Medical Imaging, and Industrial Process Control. They serve the embedded industry with an unmatched array of innovative technology and solutions. Their rugged and commercial-grade products, advanced system integration services and lifecycle services programs enable customers to focus on their core competencies to ensure their success.

About Mistral Solutions

Mistral Solutions is a professionally managed technology house undertaking Systems Integration and providing Value added Services. It provides specialized hardware and software solutions in the Embedded domain, as well as Professional Services in Systems Design and Development, Real-Time Applications, and Communications.

By virtue of its core technical expertise, Mistral has valued alliances with leading global companies and it markets scalable computer platforms from Motorola Embedded Communications Computing (previously Force Computers), RTOS and IDE tools from Wind River Systems Inc., telecommunications solutions from NMS Communications, commercial & rugged grade COTS computing solutions from Curtiss Wright (Dy4 Systems, VISTA Controls, Synergy Microsystems, Systran, Peritek, Prima Graphics), board level computers for Industrial Applications from MEN Mikro Electronik, Single Board Computers for VMEbus and CompactPCI from Microsys, high-availability Network Service-Ready Platform (NSRP) solutions from Continuous Computing Corporation, standard and custom products for commercial, military, high-tech, medical, telecom, and research markets from Dawn VME, I/O modules from General Standards Corporation, modified COTS products for military, aerospace, and avionics applications from Targa Systems, Software Defined Radio solutions from Pentland Systems and high quality storage solutions from DNF Storage.