

## Mistral enables India's first next generation VPX-based Solution

**Bangalore, September 13, 2007** - Mistral Solutions Pvt. Ltd., a leading provider of complete technology solutions and professional services in the embedded space, today announced that it has enabled the implementation of the first VPX-based solution in the Indian market.

DRDO, a research organization of the Indian Ministry of Defence, will be the first to acquire Curtiss Wright's CHAMP AV-6 quad signal processor VPX engine and the VPX6-185 single board computer from Mistral. This marks the advent of the VPX technology in India and represents an important milestone in the Indian defense arena.

The military/aerospace sector has always been constrained with the need for systems with increased bandwidth and improved power provisioning. The development of the next-generation high-performance backplane architecture: VPX (VITA 46) addresses these requirements. Boards and systems based on the VPX standards redefine the limits of performance and ruggedization with unprecedented backplane I/O connectivity.

The new VPX standard breaks out from the traditional connector scheme of VMEbus to merge the latest in connector and packaging technology with the latest in bus and serial fabric technology. It uses an innovative connector system to deliver significantly greater signal density and electrical performance than is available with the VME64x architecture. VPX combines best-in-class technologies to assure a very long technology cycle similar to that of the original VMEbus solutions and is specifically designed to meet demanding military/aerospace applications.

"Mistral has been working closely with the Defense fraternity in helping them leverage the benefits of the innovative VPX technology." stated Ramanan J. V., AGM - Systems Engineering, Mistral Solutions. "We initiated numerous technical discussions with key decision makers highlighting the need for adopting the latest VPX technology to overhaul their system performance and to achieve maximized systems longevity. The Defense industry's response to the VPX technology has been extremely positive. Organisations are constantly engaging Mistral, not only as a COTS VPX supplier, but also as a consultant to use this technology successfully."

Increased systems performance and ruggedization for mission-critical applications have been one of Mistral's major objectives in addressing the needs of the defence sector. As an authorized distributor of Curtiss Wright

products in India, Mistral has again been able to provide clients in India with innovative technology solutions the VPX based Single Board Computers and Digital Signal Processing engines, thereby launching the new era of switch fabric-based embedded computing in the domestic market.

## About Curtiss-Wright Controls Embedded Computing

Curtiss-Wright Controls Embedded Computing is the industry's most comprehensive and experienced single source for embedded solutions, ranging from Processing, Subsystems, Data Communication, DSP, and Video & Graphics to the most advanced board level components and fully integrated custom systems. The Embedded Computing group serves the defense, aerospace, commercial and industrial markets and is part of Curtiss-Wright Controls, Inc. For more information about Curtiss-Wright Controls Embedded Computing visit www.cwcembedded.com.

## **About Mistral Solutions**

Mistral is an ISO 9001:2000 certified and CMMi Level 3 appraised premier product realization company providing end-to-end services for product design and development in the embedded space. Mistral offers expert design and development services covering hardware and software, customizable product designs and IP's, System Integration and COTS Solutions that improve quality and accelerate time-to-market for a broad range of embedded systems.

Mistral has forged successful partnerships with leading providers of embedded solutions, which has enabled us to provide our clients with the finest technology solutions based on the world's best platforms. Mistral's partners include among others Wind River Systems and Curtiss-Wright Controls (CWC) Embedded Computing Organization making available RTOS, IDE tools and commercial & rugged grade COTS computing solutions for commercial, military, aerospace, and avionics markets.

## **Contact Details**

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