New CompactPCI DSP Board from Curtiss-Wright Controls Powered by Quad 1.5 GHz PowerPCs

Bangalore, April 12 – Mistral Solutions Pvt. Ltd., a leading provider of complete technology solutions and professional services in the embedded space, announced the availability of CHAMP-AV IV, a new CompactPCI DSP Board from Curtiss-Wright Controls. Powered by FreeScale's most advanced 1.5 GHz 7448 PowerPC processors, this board sets a new standard for high performance signal processing in CompactPCI systems.

CHAMP-AV IV significantly raises cPCI DSP performance by more than doubling the processor performance of its predecessor, the Compact CHAMP-AV I. This AltiVec™ based DSP engine also features CWCEC's industry leading QuadFlow architecture and builds on to the success of the previous generation cPCI-based Compact CHAMP-AV I and the VMEbus-based CHAMP-AV II, -AV III and –AV IV products.

The PICMG 2.16 (CompactPCI Packet Switching Backplane) compliant Compact CHAMP-AV IV drives demanding DSP applications with up to 48 GFLOPs of peak computational power. The board's QuadFlow architecture supports four simultaneous node-to-node transfers to deliver a total data flow of 3.2GB/sec peak. The board provides high-speed connections to the backplane to eliminate the need for front-panel wiring harnesses and delivers improved system maintainability.

Champ-AV IV is supported with CWCEC's Inter-Processor Communications (IPC) software library and OS support includes Wind River VxWorks /Tornado. A Linux package will be available in mid 2005. The CHAMP-AV IV is available in a commercial temperature, air-cooled configuration.

By combining unmatched price/performance with backward compatibility and ease of integration, CHAMP-AV IV highlights CWCEC's commitment to deliver advanced technology across all leading industry standard platforms.

About Curtiss-Wright Controls Embedded Computing
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 well-focused, professionally managed marketing organization specializing in embedded system Design and Development, Real-Time Applications, and Communications. In addition to Curtiss-Wright Controls products, Mistral also markets Force Computers products, Tornado/VxWorks embedded software from WindRiver Systems Inc., computer telephony solutions from Natural Microsystems, Software Development Solutions for Real Time Applications from Telelogic, Communication protocols & stacks from Trillium Digital Systems, VOIP software from Telogy Networks and Board level computers for Industrial Applications for MEN.