

**For Immediate Release**



## Mistral Premieres New Customizable “Off-the-Shelf” Rugged Computing System

**Bangalore, July 29, 2005** – Mistral Solutions Pvt. Ltd., a leading provider of complete technology solutions and professional services in the embedded space, announced the availability of a new innovative COTS-based rugged computing system introduced by Curtiss-Wright Controls Embedded Computing (CWCEC). Packaged in a battle-ready rugged half-short five-slot Air Transport Rack (ATR) chassis, the 3U CompactPCI-based Modular Tactical Computer (MTC), has been designed to withstand the harsh environments of military missions while providing users with the latest advances in reliability, accuracy and speed.

The Modular Tactical Computer (MTC) represents a significant step forward in the incorporation of mission critical computing into military platforms. It offers defense and aerospace system integrators a complete COTS tactical subsystem that can be ordered off-the-shelf, fully configured for immediate integration into a production application. Alternately, the MTC can be customized with a wide variety of functional modules to meet specific applications such as mission computing, control applications, fire control systems or network centric computing. Factory configured with standard COTS boards and subassemblies based on open architecture technology, MTC brings prime systems integrators reduced integration time, fewer risks and lower development costs.

At the core of MTC is the processing power of CWCEC’s DCP-122 3U CompactPCI (cPCI) single board computer, driven by a 800 MHz IBM 750FX processor. Processing performance for the MTC is rated at 1856 Dhrystone Millions of Instructions Per Second (DMIPS). MTC’s standard configuration includes 256 MB of ECC DRAM, Ethernet, a tri-channel dual redundant 1553 bus, and 9 serial channels (Sync/Async). The MTC can also be configured with either a gigabit Ethernet switch or a 50 ms power holdup. Additional data communications functionality in the system includes 20 digital/analog input channels and converters. MTC is designed to PICMG 2.16 rev. 1.0 and supports packet-switching backplanes.

### **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 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 products from Force (now known as Motorola Embedded Communications Computing), RTOS, IDE, Development tools from WindRiver Systems Inc., Computer telephony solutions from Natural Microsystems, Commercial & rugged grade COTS computing solutions from Curtiss Wright (Dy4 Systems, VISTA Controls, Synergy Microsystems, Systran, Peritek), and Board level computers for Industrial Applications from MEN.