Mistral announces solutions based on Curtiss-Wright's New COTS-based RADHARD Ready™ Initiative

New approach to development of COTS-based Radiation Resilient VME/VPX Boards cuts cost, speeds time-to-market

November, 2010: Mistral Solutions Pvt. Ltd., a leading provider of complete technology solutions and professional services in the embedded space, today announced Curtiss-Wright's (CWCEC) new RADHARD Ready™ COTS technology development initiative, which applies the principles of embedded COTS product design to military applications that have to perform/survive and function following exposure to otherwise damaging gamma and neutron radiation events.

RADHARD Ready™ COTS products are a better alternative to today's costly radiation hardened products, designed to meet the most extreme and highest levels of radiation exposure. Products developed with the help of RADHARD Ready™ satisfactorily address a large percentage of today's applications that need a lesser range of radiation tolerance. These products use significantly less expensive COTS components.

Many of the radiation-hardened products presently available in the market are designed for space deployment and incorporate features and techniques intended for the most extreme radiation exposure. For a wide range of defense and aerospace applications, this expensive, highest level radiation-hardened design is far beyond what their system requires. RADHARD Ready™ offers system integrators with a more cost-effective selection of product options that better fit their needs.

The RADHARD Ready™ radiation mitigation methods have been successfully tested and evaluated on several PowerPC-based VME boards at White Sands Missile Test Range (WSMR) in New Mexico. The RADHARD Ready™ versions are currently available for the 6U SVME/DMV-183 and SVME/DMV-184 SBCs from Curtiss Wright A RADHARD Ready™ Test Report is available upon request from the CWCEC factory.

Reduced Time-to-Market

In addition to lowering development costs, RADHARD Ready™ can also significantly reduce overall time-to-market through the use of pre-qualified COTS products already analyzed or tested for radiation tolerance development.

For more information on the RADHARD Ready™ SVME/DMV-183 and SVME/DMV-184 SBCs from Curtiss Wright; pls. contact us at sales@mistralsolutions.com.

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.