

## **Mistral announces availability of powerful Vanguard VME Bus Analyzer from Curtiss Wright**

**January 2009:** Mistral Solutions Pvt. Ltd., a leading provider of complete technology solutions and professional services in the embedded space, has announced the availability of a powerful debugging bus analyzer – the Vanguard VME from VMETRO, a leading supplier of commercial off-the-shelf (COTS) board- and system-level embedded computer products. VMETRO was recently acquired by Curtiss Wright. The acquisition enhances Curtiss Wright’s offerings in a wide range of embedded product categories from high-speed sensor I/O, recording and storage solutions to high performance real-time processing and communications systems.

Targeted at software developers, hardware designers and system integrators, the Vanguard VME is a complete diagnostic solution for VMEbus analysis, exercising and protocol error detection in a VME environment. The bus analyzer captures and displays all bus activity in VMEbus based systems with powerful trigger and store qualifiers, offering extensive statistics functions to measure system performance. It offers unique test and debugging capabilities for development, system integration and manufacturing of computer systems.

The state analyzer of the Vanguard VME captures and displays VMEbus activity in state or timing modes with highly advanced triggering, filtering and counting capabilities. The system's optional exerciser operates as a VMEbus Master with two DMA engines and generates extensive test commands. The Vanguard VME also features an optional protocol checker for the VMEbus. This versatile feature automatically detects up to 60 VME errors, helping the user to identify and correct bus hardware errors.

### **Features and Benefits**

- Concurrent and independent operation of all functions: Simultaneous use of Analyzer, Exerciser and Protocol Checker modules ensuring high level of efficiency during debugging
- Networked VMEbus Analyzer: USB / Ethernet interface and BusView GUI enables users to connect to Vanguard analyzers situated at any networked location
- 2M Sample trace buffer at 256 bits: Simplifies error location by giving access to large set of sample data
- Compliant with latest VME enhancements: Supports VME64, SSBLT, 2eVME and 2eSST.

**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.