

**For Immediate Release**



## **Mistral announces availability of first DDS standard based DO-178B safety-certifiable messaging middleware in Indian Defense market**

**Bangalore, May 21 2009** – Mistral Solutions Pvt. Ltd., a leading provider of complete technology solutions and professional services in the embedded space, has entered into a partnership with Real-Time Innovations (RTI), providers of high-performance middleware solutions for the development and integration of distributed real-time applications.

As the sole distributor of RTI products in India, Mistral will cater to the real-time middleware requirements of a broad range of industries including military & aerospace, intelligence, simulation, industrial control, transportation, finance, medical and communications.

The Mistral-RTI partnership has resulted in the availability of the first DO-178B safety-certifiable messaging middleware based on the Object Management Group (OMG) Data Distribution Service for Real-Time Systems (DDS) standard in the Indian IT industry. The RTI Data Distribution Service, Safety Critical edition provides a high-performance message bus for integrating distributed components of avionics systems, such as control systems, sensors, actuators and displays, and serves as the ideal solution for communication within and between avionics systems and Unmanned Aircraft System (UAS) ground-control stations. Its integrated approach significantly reduces long-term software maintenance costs by allowing individual subsystems to be added or upgraded without impacting existing software.

Safety-Critical Edition supports the standard DDS interoperability protocol and the Real-Time Publish-Subscribe Protocol (RTPS) enabling the seamless communication of applications developed using Safety-Critical Edition with other systems developed using RTPS-compliant DDS middleware.

Providing the core features that safety-critical systems need to perform high-performance data communication, the Safety-Critical edition simplifies the task of meeting stringent safety and security certification requirements such as RTCA/DO-178B and Common Criteria for IT Security ISO/IEC 15408.

For more information on the DDS, Safety Critical Edition please click 'Run-time platforms' at: [http://www.mistralsolutions.com/products/development\\_tools\\_ide.php](http://www.mistralsolutions.com/products/development_tools_ide.php)

## **About RTI**

Real-Time Innovations (RTI) provides high-performance infrastructure solutions for the development, deployment and integration of real time, data-driven applications. RTI's messaging, caching and Complex Event Processing (CEP) capabilities deliver dramatic improvements in latency, throughput and scalability while slashing cost of ownership. The company's software and design expertise have been leveraged in a broad range of industries including defense, intelligence, simulation, industrial control, transportation, finance, medical and communications. Founded in 1991, RTI is privately held and headquartered in Sunnyvale, CA.

For more information, please visit [www.rti.com](http://www.rti.com).

## **About Mistral Solutions**

Mistral Solutions 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 them to provide their clients with the finest technology solutions based on the world's best platforms.

For more information, please visit [www.mistralsolutions.com](http://www.mistralsolutions.com)

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