# Press Release

**For Immediate Release**

## Vector Software Announces Support for HighTec's TriCore-gcc compiler for Infineon TriCore® microcontrollers

**East Greenwich, RI – June 9, 2009**. Vector Software, the leading provider of automated software test tools for the dynamic testing of embedded systems, today announced support for TriCore-gcc, a compiler for the TriCore® family of micro-controllers developed by HighTec EDV-Systeme GmbH. The TriCore Development Platform is the result of a close co-operation with several automotive manufacturers and with Infineon. This compiler technology is used by leading companies in the automotive and safety-critical industrial application fields.

Manufactured by Infineon, a leading chip manufacturer serving the needs of the Automotive and other industries, TriCore® is a unified, single-core, 32-bit micro-controller-DSP architecture optimized for real-time embedded systems. The TriCore® Instruction Set Architecture (ISA) combines the real-time capability of a micro-controller, the computational power of a DSP, and the high performance/price features of a RISC load/store architecture, in a compact re-programmable core.

"This new integration is another example of Vector Software's commitment to the automotive industry" says Bill McCaffrey, Director of Marketing at Vector Software. "With the future introduction of ISO 26262, unit testing and code coverage are becoming more relevant than ever to automotive manufacturers. The development of our integration with the TriCore® family of chips will make it easier for companies using this architecture to meet their quality goals efficiently".

Dr. Rolf Strothmann, General Manager of HighTec EDV-Systeme GmbH, says "Software applications in the automotive and industrial sectors are becoming more and more complex. By co-operating with Vector Software and by integrating our compiler and debugger with the Vector Software toolset, we provide a high quality test environment, which meets high standards and, at the same time, reduces testing costs"

**About HighTec EDV-Systeme GmbH**
HighTec specializes in supporting GNU-based compilers for TriCore, ARM, PowerPC and C16X. In addition, HighTec's real-time operating system PXROS-HR is designed especially for safety-critical applications. It is the first hard RTOS without interrupt locks and with an integrated management of the Memory Protection Unit (MPU) of the TriCore architecture. This technology guarantees a deterministic time behavior. Any software error occurring at runtime within a task is detected by the MPU hardware as a memory access violation, and prevented from propagating. As a conclusion, this modularization without adverse effects simplifies the test processes such as unit tests and integration tests. Since 1982, HighTec has been supplying software solutions for automotive, industrial, safety/security and military customers including Thales, Agco Fendt, Ford, Bosch, Heidelberger Druckmaschinen, Continental, ETAS, BMW, Daimler, SEW-Eurodrive, CAT, FEV, Dspace, etc.

**About Vector Software**
Vector Software, Inc. is the leading independent provider of automated software testing tools for developers of safety-critical embedded applications. Vector Software's VectorCAST line of products, automate and manage the complex tasks associated with unit, integration, and system level testing. The VectorCAST tools support the C, C++, and Ada programming languages.

Vector Software's Product Family:

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| VectorCAST/C++ | Unit/Integration Testing for C/C++ |
| VectorCAST/Ada | Unit/Integration Testing for Ada |
| VectorCAST/RSP | Runtime Support Package for Simulator/Target Execution |
| VectorCAST/Cover | System Test Code Coverage |
| VectorCAST/Manage | Automated Regression Testing |
| VectorCAST/Requirements Gateway | Track Requirements to Test Cases |
| MC/DC | Modified Condition / Decision Coverage |
| Tool Qualification Packages | for DO-178B and Medical Device Projects |