

The MathWorks and Vector Integrate Tools for Model-Based Design and AUTOSAR Applications

Natick (Mass.), Stuttgart (Germany), 2009-03-25 – The MathWorks and Vector Informatik today announced they are collaborating to enable the interoperability of their tools for AUTOSAR applications. This collaboration ensures the compatibility of development tools from both companies so that automotive software architects and algorithm developers can work together to design and automatically generate AUTOSAR-compliant embedded software faster and with less rework.

Under the collaboration, the tool integration supports both the development of new components and the reuse of existing components. Customers can define the component architecture in DaVinci Developer, Vector's AUTOSAR design tool, and then export the component description into Simulink, where the component behavior is designed. Real-Time Workshop Embedded Coder from The MathWorks is used to automatically generate both the AUTOSAR-compliant component code and an updated component description that can be read back into DaVinci Developer. The new R2009a versions of Simulink and Real-Time Workshop Embedded Coder support this workflow for AUTOSAR 3.0. Customers can then use DaVinci Developer to configure Vector's AUTOSAR compliant runtime environment MICROSAR RTE to integrate the component code with the AUTOSAR basic software.

"This collaboration is guided by input from automotive OEMs and suppliers that are using MathWorks and Vector products in their AUTOSAR development toolchains," said Jim Tung, MathWorks Fellow at The MathWorks. "The MathWorks and Vector are working with users to identify additional opportunities to integrate our tools in order to provide our

automotive customers with a solid and efficient environment for designing, implementing, and verifying their AUTOSAR applications.”

Revised 03/2009
Word count: 258
Character count: 1,863

Vector Informatik GmbH
Ingersheimer Str. 24
70499 Stuttgart
Germany
www.vector.com

You can also find this and other press releases on our website at:
www.vector.com/press

We would appreciate a print copy of the published material.
If you have any questions before publication please feel free to contact us:

Editorial contact persons:

Vector Informatik, Germany (Article available in English and German)
Ms. Heike Tippenhauer,
Tel. +49 711 80670-5203, Fax. +49 711 80670-585203,
E-mail: heike.tippenhauer@vector.com

Vector CANtech, North America (Article available in English)
Ms. Angela Ferrero,
Tel. +1 248 504 6447, Fax. +1 248 449 9704,
E-mail: angela.ferrero@vector.com

Vector GB Ltd., Great Britain (Article available in English)
Mr. Uwe Gerlinger,
Tel. +44 7530 264701,
E-mail: uwe.gerlinger@vector.com

Vector France (Article available in French)
Ms. Françoise Dessertine,
Tel. +33 1 4 231 4000, Fax. +33 1 4 231 4009,
E-mail: francoise.dessertine@vector.com

Vector Scandinavia, Sweden (Article available in Swedish)
Mr. Henrik Pihlgren,
Tel. +46 31 764 76 10, Fax. +46 31 764 76 19,
E-mail: henrik.pihlgren@vector.com

Vector Japan (Article available in Japanese)
Mr. Takushi Hieda,
Tel. +81 3 5769 6981, Fax. +81 3 5769 6975,
E-mail: takushi.hieda@vector.com

Vector Korea (Article available in Korean)
Mr. Ronald Yang,
Tel. +82 2 2028 0602, Fax. +82 10 4109 2029
E-mail: ronald.yang@vector.com

About Vector Group (Revised: 2009-03-01):

Vector is the leading manufacturer of software tools and software components for networking of electronic systems based on CAN, LIN, FlexRay, MOST as well as multiple CAN based protocols. The Vector know-how is reflected in a wide range of tools as well as in integrated consulting services with software and systems engineering. Workshops and seminars complete the manifold training program.

Customers from the automotive engineering, the commercial vehicle, transportation and control technologies around the world trust in the solutions and products from the independently-owned Vector Group. Vector Informatik GmbH was founded in 1988. About 900 employees work for Vector Informatik and Vector Consulting Services in Stuttgart or in one of the subsidiaries in USA, Japan, France, Great Britain, Sweden, the Republic of Korea and India. The group's revenue in 2008 was 131 million Euros.

About The MathWorks:

The MathWorks is the leading developer of mathematical computing software. MATLAB, "the language of technical computing," is a programming environment for algorithm development, data analysis, visualization, and numeric computation. Simulink is a graphical environment for simulation and Model-Based Design of multidomain dynamic and embedded systems. Engineers and scientists worldwide rely on these product families to accelerate the pace of discovery, innovation, and development in automotive, aerospace, electronics, financial services, biotech-pharmaceutical, and other industries. MathWorks products are also fundamental teaching and research tools in the world's universities and learning institutions. Founded in 1984, The MathWorks employs more than 2,000 people in 15 countries, with headquarters in Natick, Massachusetts, USA. For additional information, visit www.mathworks.com.

MATLAB and Simulink are registered trademarks of The MathWorks, Inc. See www.mathworks.com/trademarks for a list of additional trademarks. Other product or brand names may be trademarks or registered trademarks of their respective holders.