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## Press Release

### **Rapid Development of BUSMASTER Open Source Software Continues**

Available free of charge, the BUSMASTER open source software was published jointly by ETAS and Robert Bosch Engineering and Business Solutions Limited (RBEI).

The software addresses the design, monitoring, analysis, and simulation of CAN bus systems – in both automotive and automation technologies. BUSMASTER is available for download at <http://rbei-etas.github.com/busmaster/>.

A total of four new versions were published since August 2011. While the initial BUSMASTER version supported only hardware interfaces by ETAS and Peak, the current release also can be used with interfaces from Intrepid, Vector Informatik, and Kvaser. A recent addition is the support for the Vector log format (ASC), which greatly facilitates integration in existing tool environments.

Planned for upcoming versions are improved signal evaluation and generation options, as well as support for the J1939 transport protocol. By mid-year, the software is anticipated to be converted to a multi-platform toolkit, which will facilitate BUSMASTER execution on Linux and other operating systems.

In January 2012, MHS-Elektronik was the first tool manufacturer to provide the support for its proprietary Tiny-CAN USB modules in the software.

With BUSMASTER, MHS is able to offer its customers a total solution encompassing both hardware and software and, at the same time, reduce costs and effort for developing its own software tool.

Being a development of RBEI, BUSMASTER is supported by ETAS in the form of engineering services, which also include product adaptation, coaching, and training.

### **ETAS GmbH**

ETAS GmbH was founded in 1994 as a subsidiary of Robert Bosch GmbH. We today employ around 650 personnel and are represented in Germany, United States, Japan, Korea, P.R. China, India, France, UK, Sweden, Italy, Brazil, and the Russian Federation.

As a dependable and responsible partner, we offer a comprehensive product portfolio of integrated tools and tool solutions designed to increase quality and efficiency in the development and maintenance of embedded systems. Our tools are widely deployed in automotive and adjacent segments of the embedded industry.

The product portfolio is complemented by engineering services, consulting, training, and first-class customer service. We are an active contributor to standardization committees such as ASAM, OSEK, Nexus, AUTOSAR, AESAS, FlexRay, LIN, and JasPar.

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

### **Robert Bosch Engineering and Business Solutions Limited (RBEI)**

RBEI is a 100% owned subsidiary of Robert Bosch GmbH, one of the world's leading global supplier of technology and services, offering end to end Engineering, IT and Business Solutions. With over 9000 associates, RBEI is the largest software development center of Bosch outside Germany, indicating that we are the Technology Powerhouse of Bosch in India. We have a global footprint with presence in US, Europe, and the Asia-Pacific region. RBEI is ISO

9001:2008 certified (2009), appraised at CMMI L5 Version 1.3 (2011), and also ISO 27001 (2009) with five state-of-the-art facilities spread across Bangalore and Coimbatore in India, and Ho Chi Minh City in Vietnam.

For more information, visit [www.boschindia.com/rbei](http://www.boschindia.com/rbei)

### **Bosch Group**

The Bosch Group is a leading global supplier of technology and services. According to preliminary figures, more than 300 000 associates generated sales of 51.4 billion euros in the areas of automotive and industrial technology, consumer goods, and building technology in fiscal 2011.

The Bosch Group comprises Robert Bosch GmbH and its more than 350 subsidiaries and regional companies in some 60 countries. If its sales and service partners are included, then Bosch is represented in roughly 150 countries. This worldwide development, manufacturing, and sales network is the foundation for further growth. Bosch spent more than 4 billion euros for research and development in 2011, and applied for over 4100 patents worldwide. With all its products and services, Bosch enhances the quality of life by providing solutions which are both innovative and beneficial.

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