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## Press Release

### **New Integration Options for SimulationX on ETAS LABCAR-RTPC for Modelica-based Simulation Models**

The flexibility of contemporary testing systems is an indispensable asset that enables them to meet both current and future challenges. To be able to furnish customers with solutions optimized for their specific applications, openness with respect to third-party vendors is a property both desirable and attractive. With its awesome power and host of functions and features, ETAS LABCAR is one such system whose openness aspect is subject to continuous development and expansion.

Developed by German virtual system engineering specialist ITI GmbH, the software tool SimulationX simulates the concerted interactions of a variety of physical effects. The tool is deployed worldwide for the design, modeling, and analysis of complex mechatronic systems in propulsion and automotive systems, hydraulics and power engineering, as well as mechanical engineering. It is now possible to use the tool's Code Export Wizard to integrate SimulationX models directly in the ETAS LABCAR-OPERATOR configuration and experiment environment for execution on the ETAS LABCAR-RTPC real-time target PC. As a result, the users of Modelica-based simulation models can dispense with those frequently quite costly additional code generators.

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The integration is the outcome of close cooperation between ITI GmbH and ETAS. The open LABCAR integration platform also provides options for coupling the generated SimulationX models with already integrated simulation models, such as those generated by AVL CRUISE, GT-POWER, IPG CarMaker, or TESIS enDYNA. Those SimulationX models that are already deployed in a Simulink® environment can continue to be run directly on the RTPC by means of the Modeling Connector for Simulink® (LABCAR-MCS).

## **ETAS**

ETAS GmbH was founded in 1994 as a subsidiary of Robert Bosch GmbH. We today employ around 650 personnel and are represented in Germany, U.S.A., 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 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, please visit [www.etas.com](http://www.etas.com)