

Dear Madam, dear Sir,

Welcome to the latest issue of the Symtavision newsletter in which we inform you about current news and events on scheduling analysis, verification and optimization for reliable real-time systems design and integration for ECUs, networks, and whole embedded architectures. Further information on Symtavision can be found at www.symtavision.com

Best regards,

Your Symtavision Team

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SymTA/S Release 1.4

The new SymTA/S Release 1.4 is out with several new features that many of our customers have requested:

- New Modeling and Analysis Views
- Integrated Error-Reporting and Online Help System
- Incremental Import and Merge Features
- New Pattern and Interrupt Event Models
- Analysis of Chained Task Activations
- And many more ...

Mark Your Calendar:

2nd SymTA/S NewsConference on October 8 - 9

The world of Scheduling and Timing Analysis is evolving fast and communication among all parties involved is the key to success. In 2007, we organized the first SymTA/S NewsConference. The active discussions during the technical sessions, in the breaks, and even after the conference indicated strong interest in the field of Scheduling Analysis.

In 2008, you can meet users and developers of SymTA/S as well as everybody interested in this subject to discuss recent projects and future applications, learn about the upcoming SymTA/S releases and have fun.

<http://www.symtavision.com/newsconference2008.html>

More Upcoming events

- June 02-04, 2008: EUROFORUM "Software im Automobil", Stuttgart, Germany
<http://www.euroforum.de/ProduktTitel.aspx?pnr=P1102498>
- June 17-18, 2008: 12. Internationaler Fachkongress Automobil-Elektronik, Ludwigsburg, Germany
<http://www.elektronik-tagung.de/mic/elekTagung2008/deutsch/index.php>
- July 14-15, 2008: ETAS Competence Exchange Symposium – Focus ASCET & LABCAR, Boxberg, Germany
http://www.etas.com/data/group_subsidiaries_germany/ces_08_de.pdf

Complete list: <http://www.symtavision.com/events.html>

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- ETAS and Symtavision sign Partnership Agreement
- Symtavision develops AUTOSAR Timing Model as Development Member

Application Example:

Migrating from CAN to FlexRay

FlexRay is often proposed as the simple way to eliminate timing problems by using deterministic frame timing. However, the actual signal timing depends on much more, including the interaction of the bus schedule with the basic software and the ECU functions, resulting in complex end-to-end timing chains.

By analyzing key influences such as over- and under-sampling, synchronous and asynchronous ECUs, and signal jitter, SymTA/S ideally supports FlexRay network design and trouble shooting.

For more information, see the following application note:

http://www.symtavision.com/downloads/ApplicationNotes_Flyer/Symtavision_AN_From_CAN_to_FlexRay.pdf

ETAS and Symtavision sign Partnership Agreement

ETAS and Symtavision have signed a partnership agreement with the objective of cooperating closely on extending ETAS' AUTOSAR operating system RTA-OS as well as the ETAS tool suites ASCET and INTECRIO by adding functionalities for verifying and optimizing both timing and performance.

For details, see the press release:

http://www.symtavision.com/downloads/ETAS_and_Symtavision_Partnership_Agreement.pdf

Symtavision develops AUTOSAR Timing Model as Development Member

Symtavision has become AUTOSAR Development Member with the objective of contributing its expertise to the development of a timing model for AUTOSAR. This timing model is developed in collaboration with AUTOSAR partners and members including BMW, Bosch, Continental, dSPACE, Fraunhofer ISST and Volkswagen.

For details, see the press release:

http://www.symtavision.com/downloads/PM_080519_Symtavision_AUTOSAR_EN.pdf