

TTAutomotive releases AUTOSAR FlexRay stack and configuration tool

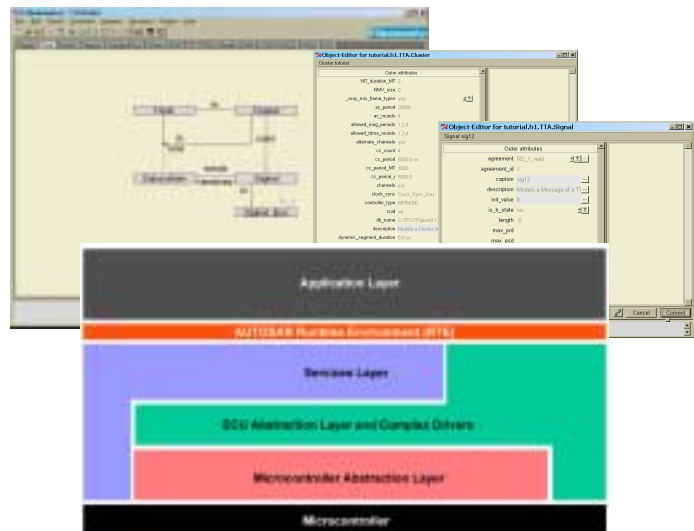
## Production-Strength Configuration Tool and AUTOSAR FlexRay Stack Released

TTAutomotive, TTTech's subsidiary for FlexRay™ solutions, has released TTXBuild for AUTOSAR standard software configuration. TTXBuild is a powerful, modular and optimizing tool that is used to develop FlexRay-based electronic control units that conform to the AUTOSAR standard. In addition to TTXBuild, TTAutomotive has released FlexRay software modules based on AUTOSAR specifications to provide cost-optimized, best-in-class solutions to the automotive industry. TTAutomotive is a member of the AUTOSAR partnership and contributes to common specifications of interfaces for implementation in future automotive systems.

TTXBuild was designed for production-strength node design and configuration of automotive systems that are based on the AUTOSAR specifications for the FlexRay stack. This tool automatically configures the complete software stack in one step. For process integration, TTXBuild provides batch mode execution and complete node configuration via scripting. The tool checks for consistency with the FIBEX communication database and ensures valid AUTOSAR configurations by automatically calculating the optimal AUTOSAR allocation parameters.

TTAutomotive's AUTOSAR FlexRay stack and configuration tool were chosen for an advanced commercial production program. The FlexRay driver is one of the core components of the AUTOSAR FlexRay stack from TTAutomotive and part of the Microcontroller Abstraction Layer. Together with the FlexRay interface within the Communication ECU Abstraction Layer, the FlexRay driver provides a hardware-independent API to access the FlexRay controller.

TTAutomotive also offers components for the Services Layer such as a COM layer, a PDU Router and a transport protocol component. The network management component adds wakeup and sleep functionality to the complete cluster. Designed for FlexRay-based systems, these components are optimized for synchronous operation and have a small footprint, low latency and deterministic response times.



## About TTAutomotive Software GmbH

TTAutomotive acts as development partner for time-triggered systems in the automotive industry. The company's mission is to advance the use of the time-triggered technology on the basis of the FlexRay standard. TTAutomotive cooperates with automotive partners to bring the Time-Triggered Architecture (TTA) into automotive commercial production. TTAutomotive is a premium member of AUTOSAR and supports this open standard for automotive electronic architectures. TTAutomotive is a subsidiary of TTTech Computertechnik AG.

Further information on the company and products is available at [www.ttautomotive.com](http://www.ttautomotive.com) or [products@ttautomotive.com](mailto:products@ttautomotive.com).

## About TTTech Computertechnik AG

TTTech Computertechnik AG is the leading supplier of technology and software products in the field of time-triggered systems and TTP<sup>®</sup> (Time-Triggered Protocol). TTTech products enable developers of on-road and off-road vehicles, aerospace, and industrial control equipment to deliver reliable embedded systems quickly and efficiently. TTTech's products comprise a complete software development environment for TTP-based systems, including hardware as well as TTP chip models. In addition, TTTech provides a broad range of services, from training courses on time-triggered technology to worldwide product and project support. TTTech and its dedicated subsidiary for FlexRay solutions, TTAutomotive, especially emphasize by-wire systems, integrated vehicle control systems, and driver assistance systems.

Further information on TTTech is available at [www.tttech.com](http://www.tttech.com).

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