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Press Release

LABCAR Picks-up Speed

In the wake of the new and powerful PCI Express cards, LABCAR now comes with augmented software.

The new versions, LABCAR-OPERATOR V5.1 and LABCAR-RTPC V5.1, provide a powerful means of using ETK or XETK interfaces for directly linking an ECU to the LABCAR HiL system. The resulting Function-in-the-Loop (FiL) applications enable direct access to the microcontroller, thereby creating cost-efficient testing stations for control algorithms and diagnostic functions without extensive I/O hardware. The clearly organized FiL Configuration Wizard provides configuration support.

The new version also makes it possible to toggle the various configurations for CAN or FlexRay residual bus simulation at runtime.

Also worthy of note are significant advances in the development of the LABCAR-AUTOMATION test automation tool. The available options for graphical test case construction with the Automation Sequence Builder were extended by, inter alia, the failure simulation, diagnostic access, and curve discussion. Also part of the improvements are graphical debugging including breakpoints, as well as automatic label mapping. Thanks to the latter function, mapping files are no longer a mandatory requirement. The synchronous logging of data is also possible by means of calibration access to the ECU. ODX-LINK 1.4 is also part of the integration. Further extensions are possible by means of the optional CANape Tool Adapter and the Excel Tool Adapter.

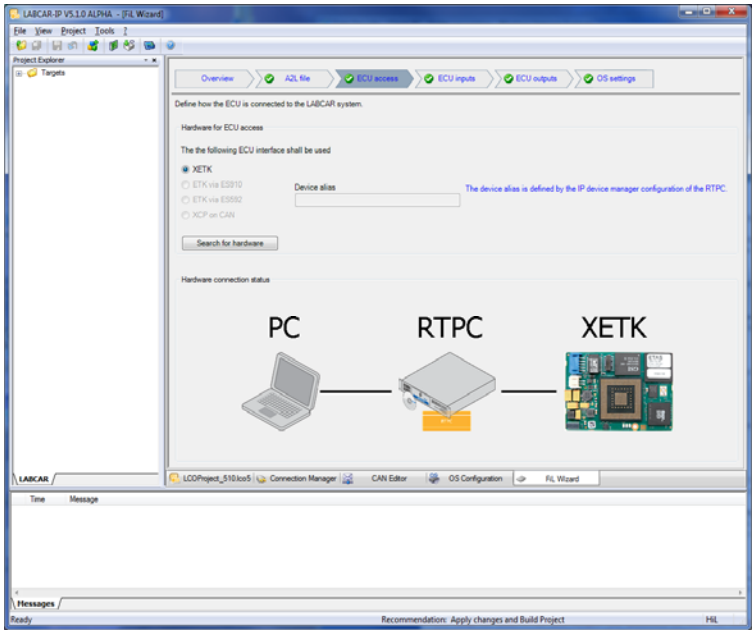

Figure:

LABCAR's user-friendly screen makes working a breeze.

ETAS

ETAS GmbH was founded in 1994 as a subsidiary of Robert Bosch GmbH. Following the acquisition of Vetronix Corporation in Santa Barbara, USA, as well as the establishment of foreign subsidiaries, we today employ 680 personnel 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.

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