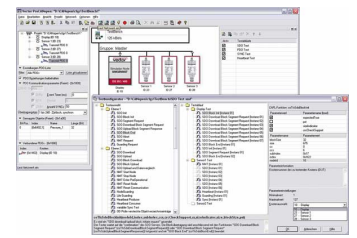


Testing of CANopen-Systems Made Easy

The new CANoe.CANopen 4.1 version tests CANopen systems at the press of a button



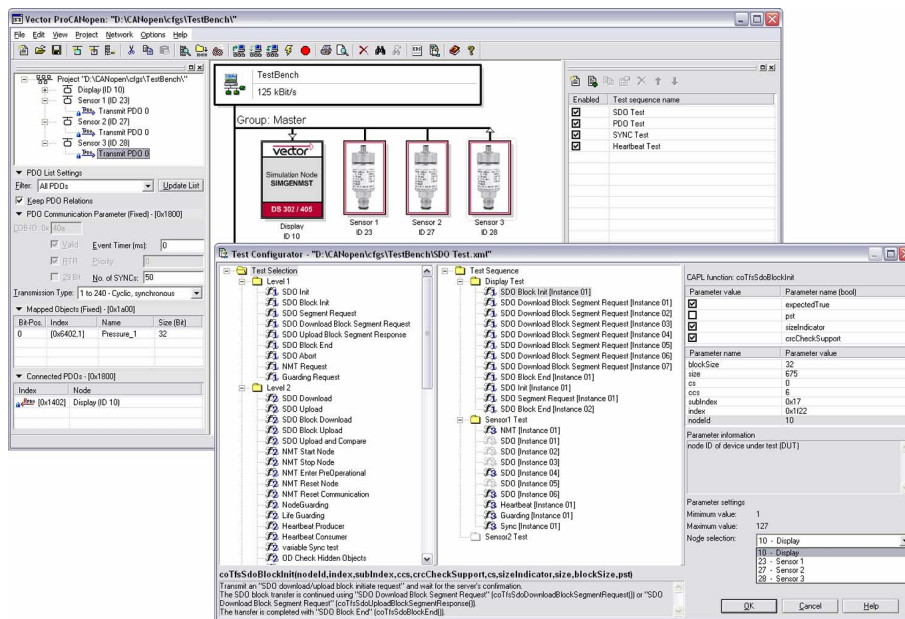
Stuttgart, 06-02-2008 – CANoe.CANopen 4.1 provides comprehensive testing support to developers of CANopen systems and components. This software tool from Vector generates CANopen-specific tests at the press of a button, which can then be run reproducibly in a flexible runtime environment.

CANoe.CANopen 4.1 provides manufacturers of CANopen components with cost-effective test setups, and lets system producers simulate and test early in the design phase. This significantly minimizes the risk of detecting errors too late. Besides assisting in manual configuration of test functions, CANoe.CANopen also lets users automatically generate entire test scenarios. The user chooses an existing scenario from a list – e.g. a default values test or a PDO test – and from this scenario generates the test sequence for the user's CANopen device, easily and conveniently. The test code is generated at the press of a button, and it can be executed in CANoe. All test results are available in HTML for further processing and documentation purposes.

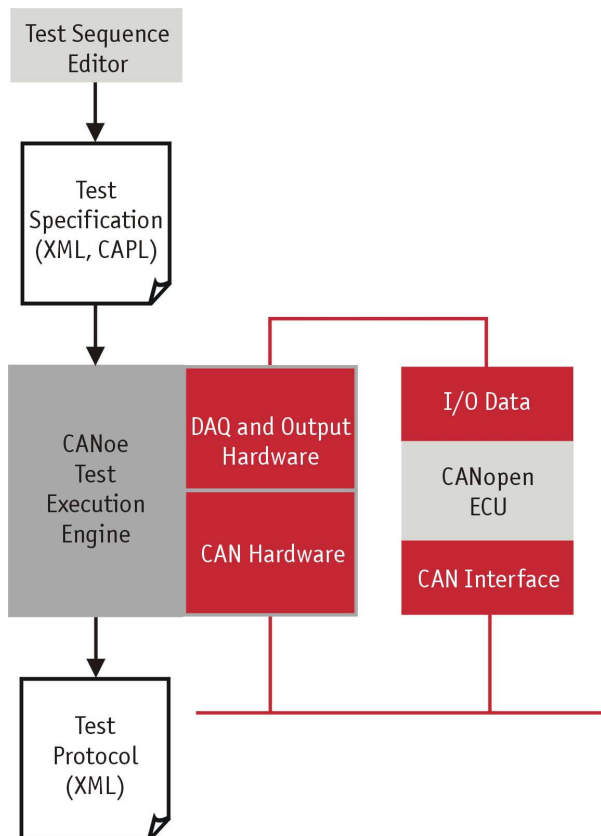
Besides extended test functions, CANoe.CANopen now also offers dialog-based creation of message sequences. These sequences may be sent to connected devices either once or periodically for debugging purposes. The user selects and configures the desired messages from a project-specific list of existing messages, e.g. PDOs or SDOs, and assembles them into a sequence. The message sequence is then sent at the press of a button.

Press Release

CANoe.CANopen 4.1 supports standardized communication in special-purpose vehicle development utilizing the CiA447 application profile. In addition, a database is generated for CiA447 networks that already contains all of the signals specified in CiA447.



[Figure 1: The Test Configurator lets users define and parameterize test sequences in CANoe.CANopen.]



[Figure 2: CANoe.CANopen outputs the results of the automatically executed test sequence in HTML format: This makes it easy to archive test results.]

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Vector Informatik is the leading producer of software tools and components for networking in electronic systems based on CAN, LIN, FlexRay and MOST as well as a number of CAN-based protocols.

This know-how is conveyed in the form of products or as a comprehensive consultation package with system and software engineering. Workshops and seminars round out our multifaceted training program.

Worldwide customers in the automotive, heavy-duty vehicle, transport and control engineering fields rely on solutions and products from the independently-owned Vector Group.

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