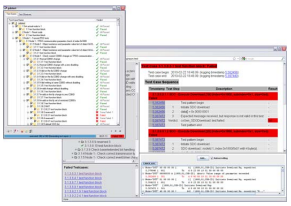
Press Release

Testing CANopen Systems Made Easy



CANoe.CANopen 7.2 offers comprehensive test support

Stuttgart, 2010-03-03 – CANoe.CANopen 7.2 offers comprehensive testing support to developers of CANopen components and systems. With this software tool from Vector, users can now easily generate SDO tests, increasing testing depth and improving test quality. Other significant new features include faster analysis of CAN messages, signal support in device access and node-specific saving of databases.

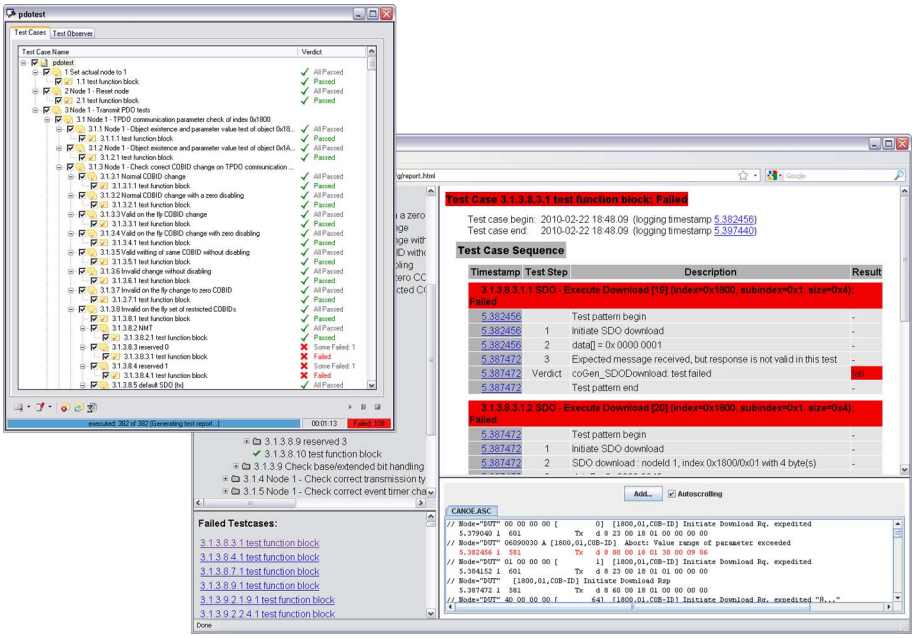
The revised Test Wizard lets CANopen device and system developers generate a complete SDO test. Among other things, it checks the SDO-Download and SDO-Upload protocols. All that is needed to generate the test is the EDS file of the device under test. The test results are then analyzed with the help of CANoe evaluation options. Its extensive test functionality lets developers check and verify components finished to a given point in every phase of their projects.

Color coding of different CANopen services in the Trace Window simplifies bus analysis considerably. A different font and background color may be defined for each category, so that messages can be recognized easier and quicker. CAN messages that are part of a SDO protocol, for example, are detected and shown in a separate color.

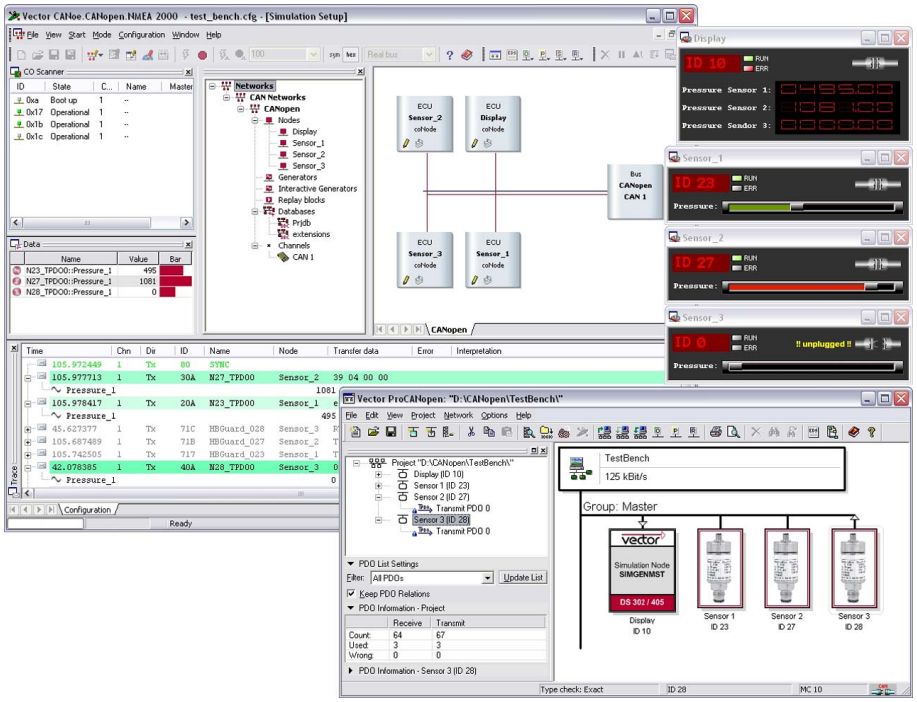
Per the CiA 311 specification, EDS files may be saved in XML format. One feature offered by this standard is that an object value can be subdivided into multiple signals. CANoe.CANopen enables targeted manipulation and display of object values via signals, provided that they have been described in the EDS file.

Besides global saving of databases that already exist, databases can now be saved node-specifically as well. The node-specific database contains all messages that can be assigned to a node. This leads to improved comprehension of display contents when selecting messages or signals.

More information on the Internet: www.canopen-solutions.com



[Figure 1: Users can specify protocol-specific tests more simply with CANoe.CANopen and generate them at the press of a button. An extensive test report is produced during execution of a test module.]



[Figure 2: Color coding of different CANopen services in the Trace Window simplifies bus analysis considerably.]

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The Vector know-how is reflected in a wide range of tools as well as in integrated consulting services with software and systems engineering. Workshops and seminars complete the manifold training program. Customers from the automotive engineering, the commercial vehicle, transportation and control technologies around the world trust in the solutions and products from the independently-owned Vector Group.
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