CAN Newsletter Online

TOOL UPDATE

Enhanced features for NMEA 2000 and J1939

Warwick Control has announced the release of version 3.12 of it's X-Analyser. The product is an analysis and simulation tool for NMEA 2000 and J1939.

Source: Warwick Control

X-Analyser allows to view Parameter Group Number (PGN) packets and compares them to raw CAN data, decodes the packets into fields and signals, and looks for harness/connector problems shown in the CAN electrical signal. PGN fields and signals databases are embedded in the tool and can be shown as values, gauges, or graphically.

The advanced transmission features allow the user to enter the data for PGNs using high-level signals such as engine speed or ambient temperature, instead of having to work out the data field values. This means that the user can simulate the network behavior for a single PGN, an entire device, or many devices on a network.

In addition, there is the following enhancements to the tool: A NMEA 2000 fast packet protocol support for both sending and receiving of NMEA 2000 messages, the NMEA 2000 PGN and signal database were updated, as well as signal panel and message builder support for symbolic values are provided.

The product also supports Classical CAN, LIN, CANopen, and CAN FD protocols. It supports all Kvaser CAN and LIN interfaces, and the Picoscope 2206b.

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