What is the CANoe Test Package VAG?
This test software enables all Volkswagen AG suppliers and OEMs to perform CAN/CAN FD conformance tests quickly and repeatedly with minimal effort. It creates a CANoe configuration for automated execution of conformance tests according to the VAG specifications listed below. CANoe Test Package VAG extends the test functionality of CANoe with OEM specific test implementations.

Overview of Advantages
> CANoe Test Package VAG is verified and recommended by Volkswagen AG
> The test coverage fulfills the requirements of Volkswagen AG for suppliers
> Fast generation of the CANoe test environment
> Automated test execution and report generation
> Comfortable selection of the desired test cases
> Unlimited repeats of a test run without additional costs

Functions
> Test generation
The Test Configuration Generator creates a CANoe configuration consisting of a remaining bus simulation and an XML test module. The VAG OEMs distribute to their suppliers the following required input files:
> TestBaseAdjustmentDocumentation (TBAD) for the ECU
> CAN database (DBC or ARXML) for the network
> Partial network description (VSDE) for the network (only for partial network operation)
> Test automation
CANoe Test Package VAG uses VH6501 and test hardware VH1160 or VT System to achieve a complete automation of the tests.
> Report generation
An HTML test report will be created for each test run. The log files are stored in ASCII format for each test case.

VAG Test Specifications
The CANoe Test Package VAG 5.0 offers an implementation of the following test specifications:
> High-Speed-CAN: DUM.857.BE.1 (Version 5.3)
> Network-Management-High and Network-Power-Management: DUM.000.AC.A (Version 2.7)
The test coverage is agreed with Volkswagen AG.

Highlights of Version 5.0
> Automated tests additionally for CAN FD
> Test generation also with ARXML databases

Configuration, generation and execution of CAN conformance tests
Hardware/Software Requirements

- CANoe 10.0 SP4 full version or higher
- VH1160 or VT System (VT7001A with controllable power supply)
- VH6501

For system requirements please see “Product Information CANoe”.

More information: www.vector.com/canoe_ctp