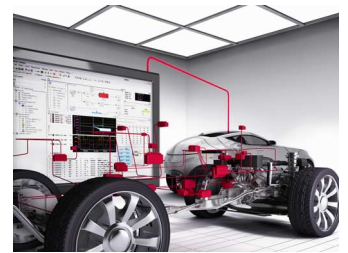


### **High transmission rates in ECU calibration without additional measurement hardware**

**New XCP-on-Ethernet driver from Vector**

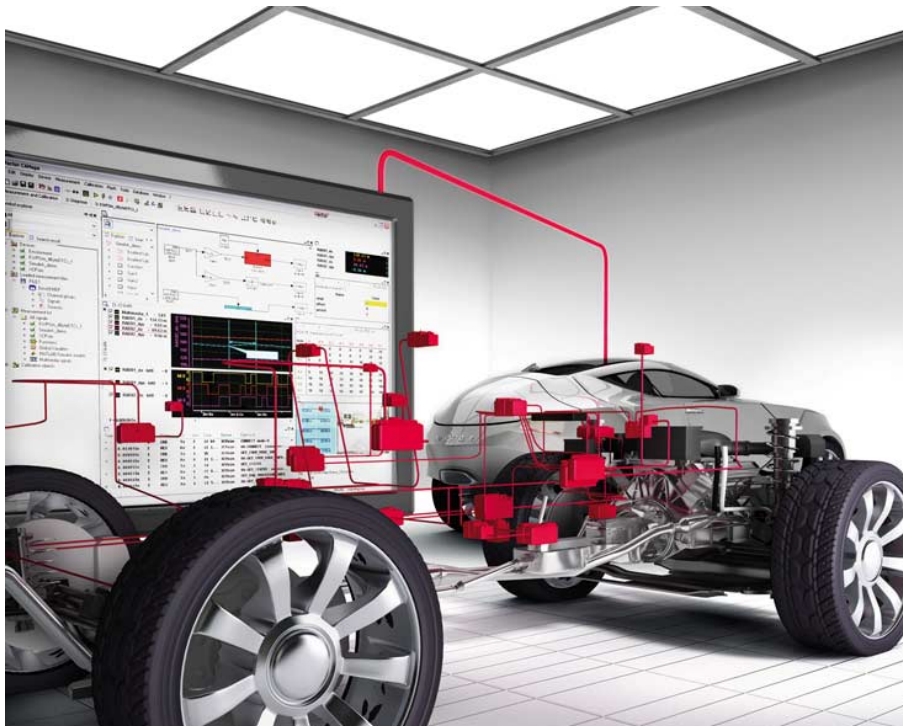


**Stuttgart, 07-13-2009 – To enable efficient measurement and calibration of a large number of internal ECU signals, Vector has extended the list of its XCP slave drivers with XCP-on-Ethernet. Car makers and ECU developers can use these software components together with Vector's CANape measurement and calibration tool to acquire extensive measurement data via a standard commercial Ethernet interface – without requiring additional hardware.**

The new XCP slave driver is used in ECUs that have an Ethernet interface. Data is transmitted via the Ethernet transport layer using the XCP protocol standardized by ASAM. This enables a data rate of 400 KB/s – which is 8 times faster than the speed of CAN.

The software interfaces to the Ethernet controller via the Vector MICROSAR IP Stack. A PC or laptop with a standard commercial Ethernet cable serves as the physical connection to CANape, the XCP master. Other measurement hardware is not needed. The measurement data is described by an ECU description file in A2L format per ASAM standard MCD-2 MC.

Vector also offers a solution for even higher measurement data rates up to 5000 KB/s with its VX1000 system. This measurement and calibration hardware lets users parameterize ECUs optimally with little effect on ECU execution time and requires just minimal software modifications in the ECU.



[Figure: The new XCP-on-Ethernet driver from Vector offers a high transmission rate in ECU calibration without requiring additional measurement hardware.]

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**About Vector Group (Revised: 07-01-2009):**

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 our products or our 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. Vector Informatik, founded in 1988, currently employs 900 people, together with Vector Consulting GmbH, which in 2008 achieved sales of 131 million euros. In addition to its headquarters in Stuttgart, Vector Informatik also has an international presence, with subsidiaries in the USA, Japan, France, Great Britain, Sweden, and the Republic of Korea.