ATI offers several products for hardware solutions that include node emulator or easy-to-use PC interfaces. One benefit of using a hardware solution is that it can provide real-time results without PC operating system interruptions.

**Hardware Emulator**

ATI’s CANverter provides the simplest way to move signals on or off a vehicle network. This low cost device allows users to collect analog and digital signals then convert the data into CAN messages. It can also receive CAN messages and translate data to analog, digital, pulse or PWM outputs. Once set up using the CANverter Configuration software, it is used without a PC.

For example, use the CANverter to read analog torque measurements and output CAN messages to provide the torque information to the entire CAN network.

**PC Interfaces**

ATI provides the VISION Network Hub or CANary Interface Module for use with VISION Calibration and Data Analysis software for synchronized network data analysis. To provide the widest possible range of interface options, ATI partners with Kvaser AB to provide CAN interfaces of all format types, including USB, PCMCIA, PCI, ISA, and data loggers. Rugged versions of hardware are also available.