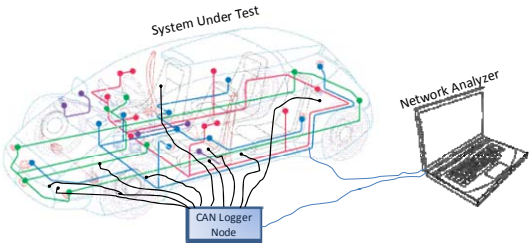
Calypso, **High precision CAN logger**

The Calypso CAN logger provides high precision measurements capability for ordinary CAN instruments. Calypso uses National Instruments calibrated high precision cRIO modules (up to 24 bits) to monitor signals and output them on an ordinary CAN bus interface.

Using the cRIO platform we can deliver tailor made nodes with up to 7 modules.

This makes it possible for the test engineer to use familiar network analyzers, not only to study CAN traffic, but also to monitor physical signals such as currents, voltage levels, temperatures, vibrations etc.



- Enables time-synchronized measurements on both bus traffic and physical signals.
- Small and robust unit with a user specified set of industrial data acquisitions units.
- Streams real time measurements to any network analyzer, e.g. the popular CANalyzer.
- Simple “plug & play” unit.
- Delivered with .dbc file.

Example of populated cRIO chassi.

Application Areas

- Vehicle integration
- Network trouble shooting
- Field test
- GPS applications

Example of cRIO Modules.
See www.ni.com for details

Features

- High speed CAN link up to 1Mbit/s.
- Up to 7 acquisition units may be used.
- Built-in signal conditioning for direct connection to a variety of sensors.
- Calibrated cRIO I/O
- Less than 1 s from power-on to first CAN message
- Features extreme industrial certifications and ratings.

Information provided in this document is preliminary, and is subject to change by Prevas without prior notice.