



Your Heavy-Lift Partner For In-Vehicle Network Analysis, Including CAN/J1939

Hercules is world-class monitoring software for the GRYPHON 2 and S3 products. It is a very cost-effective development tool for in-vehicle networks including CAN, J1939, J1850, LIN, and ISO15765. Hercules is the perfect solution for ECM development, data gathering, hardware simulation and testing. You will find that Hercules includes a full compliment of high-end monitoring features that are not even found in more expensive software packages.

Key Features

- ✓ J1939 Database Included
- ✓ Easy to Use, Intuitive Menu Structure
- ✓ View/Create/Store Messages in Minutes
- ✓ Record and Playback Data
- ✓ Filter/Trigger Based on PGNs or Signals
- ✓ Save/Load Configurations

Recording and Playback

Record, and later play back, data with timestamps. This helps replicate the exact vehicle data bus conditions during the recording.

J1939 Database

View PGNs and signals in plain English, or in raw form. Modify and/or create new database files, signals or PGNs. You can also import Vector .dbc files.

Graphing and LabView

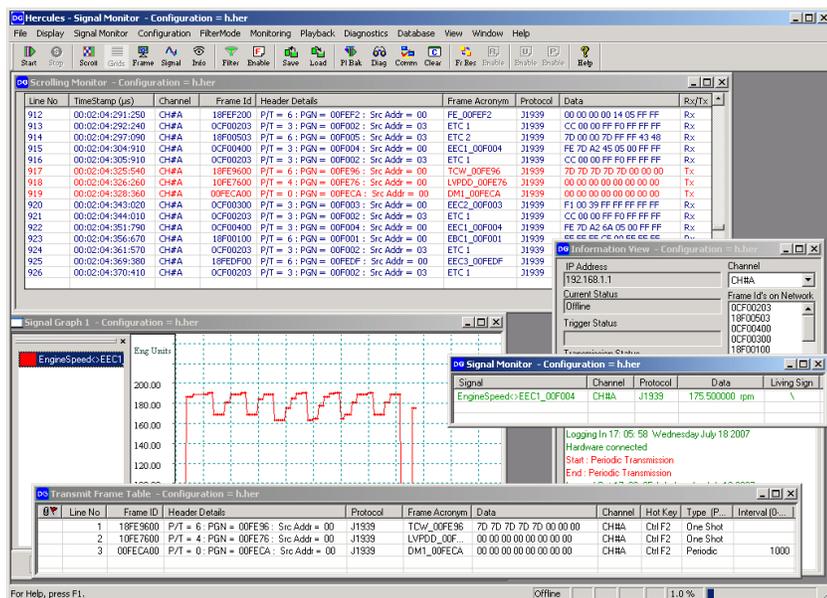
Graph signals or CAN bus lines in real-time using either Hercules or LabView.

Filtering and Triggering

Execute bit-level filtering and triggers based on PGNs and signals, while specifying what to do afterward, such as trigger other frames, save data to a file, etc.

Send and Broadcast Messages

Periodically broadcast, or configure a "Hot-Key" to transmit defined messages.



Data Monitoring

Scrolling monitor can display CANID, PGN, Timestamp, Data Bytes, Priority as well as Source and Destination Addresses. Click on a J1939 message and you instantly see all sub-parameter values at that point in time. Using different colors helps to differentiate messages being transmitted by Hercules (in red), or received from the vehicle network (in black). Hercules displays comparable data for J1850, LIN, and other in-vehicle networks.

Data Responder

The Responder works in conjunction with Triggering to send a message (or messages) in response to a user specified message being received.

