

Hercules Release 5.0.3

Product requirements:

- **Operating System:** Windows Vista, Windows XP or WIN2000 with the latest Service packs and patches
- **Memory:** Minimum [Standard usage] : 256 MB (Non-VISTA); 1 GB (All Vista OSs)
Minimum [Performance usage]: 512 MB (Non-VISTA); 2 GB (All Vista OSs)
- **Available Hard drive space:** 1 GB
- **CPU speed:** 533 MHz
- **Gryphon Family Hardware Requirement:** Gryphon (G1), Gryphon 2 (G2), SCAT 2 (S2), Gryphon S3 (S3),
- **Gryphon Family Firmware Requirement:** 20080314

Hercules Software Added Features / Functions

File Configuration:

- **New XML format:** File Configuration has changed to an XML format to provide stability of File Save and Load features. Details for each configuration can be viewed when necessary. Previously un-viewable content such as Signal and Frame selection content are now viewable in this configuration file.

General Enhancements:

- **Enhancement to the InPlace Monitor:** Data byte values are highlighted with background color for changes that occur with respect to time or with respect to control limits.
- **Buffer Size Increased:** The Buffer Configuration maximum was increased from 999k frames to 1.2 million (M) frames for Continuous and Fill Once configurations, sets all default values as 65k, and limits Append Mode to 65k.
- **Enhanced Import of DBC files:** Import of Ford HS & MS CAN, GM LS CAN and GM Global DBC files were added. Limited support for Importing Ford Multiplexer signals.
- **Enhancement to Scrolling Monitor:** J1939 PGN information is displayed in Scrolling Monitor from the DG supplied J1939 Database based on the PGN portion of the incoming frames, not the full 29 bit ID.
- **Enhancement to Database for Non-Diagnostic Frame:** Allows the cloning of a database frame and all its signals. This is especially useful for J1939 and GM SWCAN users that work with 29 bit messages that are generic with the exception of the source ID byte.

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LIN Enhancements:

- **New LIN Emulation View screen:** Provides an easy method to select a Master Schedule, viewing all Nodes, Frames, Signals, and Signal Interpretations, as well as it allows the updating of data and signal interpretations obtain from an LDF.
- **Enhancement to LIN Hardware Configuration - Emulation:** Allows the selection of LIN Consortium and J2602 LIN Definition Files (LDFs). Older versions of Consortium LIN 1.0 to present LDFs and tolerant of future versions.
- **Enhancement to LIN LDF Import:** Allows the selection of LIN Consortium and J2602 LIN Definition Files (LDFs). Older versions of Consortium LIN 1.0 to present LDFs and tolerant of future versions. Provides an error log for the LDF import that identifies when a frame/signal is not created.
- **Support for Multiple LDF Emulation:** Gryphon Hardware can be configured to Emulation Multiple LDFs, either all the same or all different, on different channels.

Hercules Software Issues Fixed

General Issues:

- Invalid configuration files or crash on load of configuration files eliminated with implementation of XML format.

LIN Issues:

- The Scrolling Monitor did not show data for LIN frames when set to emulate Slave.
- Various LIN LDF import Issues resolved [Support for: J2602 LDFs, LIN Consortium LDFs, decimal values parameters, format issues, etc).

General Import Issues (See LIN Issues for LDF Import Issues):

- SWCAN 29 bit DBC file import was not correct for Source ID and Priority.

To access up-to-date information regarding new feature documentation and known issues please reference the DG website <http://www.dgtech.com/products/hercules/faq>