RELEASE NOTES

ECU Firmware / PC Link Software

Release Date: 18/08/25
PC Link Version: 7.6.7
G5 Firmware Version 7.6.7
G4X Firmware Version 6.29.7

Fixes

- Updated USB drivers.
- Fixed Math Block parsing issue.

(7.6.5 / 6.29.5 AND 7.6.6 / 6.29.6 HAVE BEEN SUPERCEDED BY 7.6.7 / 6.29.7 AND ARE NO LONGER AVAILABLEFOR DOWNLOAD).

The below changes have been implemented since 7.6.5 / 6.29.5

New Features

- Added Support for receiving Haltech IC7 dash buttons.

Fixes

- Fixed GT86 plugin USB issue.
- Fixed Keypad BackLight always being controlled by switched settings.
- Fixed double clicking on Analog or Digital pin modes not opening the window for the function using that pin.
- Fixed changing between MAP and MGP on a table axis when using imperial pressure units not working the same as when using metric pressure units.

The below changes have also been implemented since 7.5.1 / 6.28.1

New Features

- Added Support for Voodoo Neo 4 and Voodoo Neo 6 ECUs including ADIO functionality, connecting over Ethernet and improved logging
- Added new Porsche CAN Modes and changed how the mode is selected, the two CAN Modes are now labeled "Porsche Cayman/Boxster" and "Porsche 911" and a setting exists for each mode in CAN –> Vehicle Mode in the ECU Settings Menu.
  If you are updating to this firmware or newer and are using one of the porsche CAN modes you will need to select the correct new mode and then select your model.
- Added '=', "Min(a,b)" and "Max(a,b)" functionality to Math Blocks. Note '=' is based on a cast to int32.
- Added a Target Gear runtime to Gear Shift Control.
- Added a CE Light Output to the Subaru WRX 07–11 CAN Modes (Uses CAN Aux 1) and renamed the CAN Modes to be 07–14.
- Added a new Direct Injection Fuel Pump Pump Type ("Spill Valve – NO Old") to suit Bosch HDP2.5 pumps as found on certain early 2000s vehicles such as BMW N73 and Alfa JTS engines.
- Added CAN write–able Tyre Pressure runtimes.
- Added TPMS pressures to the GT86 CAN Mode.
- Added the ability to send and receive values up to 32bit in length in Custom User CAN, previous maximum size was 16bit.
- Added the ability to open Multiple Log Files at a time and changed default log save name to make file names order correctly by time when sorted alphabetically.
- Added the ability to export log files in llgx/llg5 format which enables saving specific parts of a log file instead of only the entire file.
- Added default file names for log exporting.
- Added RTC (real time clock) time tags to log download window files (applicable to Voodoo Neo 4 and Voodoo Neo 6 ECUs only).

Improvements

- Made most GPS runtimes CAN write-able and made a selection of them visible on G4X ECUs. Note Latitude and Longitude runtimes have a built in multiplier of 10-7 when being transmitted or received with Custom User CAN.
- Improved how the built in Brake Pressure runtime value is set from various CAN Vehicle Modes, Brake Pressure Source needs to be set to CAN when using a vehicle mode that writes to it for its value to come from the Vehicle Mode.
- Improved Blink CAN Keypad back-light and colour control.
- Improved First Crank Prime operation.
- Improved Voodoo Pro LED functionality.
- Made "Export Log File" window settings persistent across a PCLink session.
- Renamed Internal H-Bridge runtimes to reflect that they aren't always Aux 9/10 now.
- Changed the GPS->Time Zone Offset setting, If you are updating firmware or loading tunes from older firmware into newer firmware then you will need to set this value again

Fixes

- Fixed Mitsubishi EVO 10 Trigger Mode built in offset being out by 360deg.
  If you are updating from a firmware between 6.26.11/7.3.11 And this firmware to this firmware or newer and are using the mitsubishi evo 10 trigger mode you will need to adjust your trigger offset by 360deg.
- Fixed some issues with CAN File loading into ECUs.
- Fixed E-Throttle Fault time not working properly for fault time less than 1s.
- Fixed Engine Speed ROC runtime value not working for Subaru V1-6 Trigger Mode.
- Fixed the GearShift Fuel trim not working for negative values.