

2017-07-19

Client: 0.026.6 exp
Firmware: 0.026.6

Fixes:

- (firmware) Fixed proper activation of brake circuit for wipers. Wipers should park as expected now.
- (client) Fixed rare crash after firmware upgrade.
- (client) Fixed crash when using popupMenu on empty GraphLog.

2017-07-04

Client: 0.026.5 exp
Firmware: 0.026.2

This is Client only update. Contains firmware 0.026.2, the most recent compatible firmware.

Fixes:

- Fixed Group Selection command (Ctrl+G or button "Group"). The names of all elements in the project were corrupted after this command.

2017-06-08

Client: 0.026.2 exp
Firmware: 0.026.2

Fixes:

- (firmware) Fixed not responding buttons on Ecumaster keyboard
- Fixed crash when using Undo (Ctrl+Z) too deeply after Firmware Upgrade

Improvements:

- Ecumaster USBtoCAN - performance improved on slower computers

2017-05-09

Client: 0.026.0 exp
Firmware: 0.026.0

New Features:

- (firmware) CAN 2.0B support with extended ID (29 bits)

Improvements:

- Improved reliability of client on slow computers

Fixes:

- Fixed crash when saving some projects
- Fixed loading of projects containing channel with dot character (e.g. c_pmu.a3.voltage)

2017-04-24

Client: 0.025.0 exp

Firmware: 0.025.0

Improvements:

- (firmware) CANbus Input: Timeout value and Default value separated.

Fixes:

- Fixed Ecumaster USBtoCAN rare disconnection bug. USBtoCAN software update is offered automatically when starting PMU Client.
- Fixed CANbus Export – channels were accidentally changed when deleting other elements.

Changes:

- Changed MinimalClientVersion required to load project. You will not be able to load project saved by this Client software in its previous version.

2017-04-10

Client: 0.024.0 exp

Firmware: 0.024.0

New Features:

- Support for Life Racing keyboard (ProjectTree: Add/Keyboard and change Size to '4x5 - Life Racing')
- Support for new Ecumaster 3x2 (7 colors) keyboard.
- Speed of CAN2 could be configured: 125 Kbps, 250 Kbps, 500 Kbps, 1000 Kbps (TreeView: PMU/CANbus Setup)

Improvements:

- Confirmation message added when deleting element that is referenced by other element.
- "EMULATED" text is shown on toolbar of Output/Analog Monitor when appropriate Emulator is used.
- Import .CANX file: CANbus ID could be configured (useful when using two EMUBLACKs in one car or EMUBLACK on non standard ID)
- Pinout Generator (menu Devices/Generate Pinout) - added CANbus Mobs and Keyboards.
- EMU_BLACK.canx updated: added inputs c_ecu_nitrus and c_ecu_starterRequest

Changes:

- Changed MinimalClientVersion required to load project. You will not be able to load project saved by this Client software in its previous version.

Fixes:

- Device name is properly updated on Device Bar (#1. #2. #3. #4. #5.)
- Fixed rare crash when closing the application.
- When creating new CANbus Input default frame offset is now +0.
- Opened file name is preserved when doing Make Permanent and Upgrade Firmware.
- Keyboards: Radiobuttons now work as expected even if no 'Radiobutton Group' is present.

- F4 shortcut (Channel List) work properly when editing Power Outputs.
- Generated pinout is now properly displayed in Internet Explorer, Microsoft Edge and Mozilla Firefox.

2017-03-24

Client: 0.023.2 exp
Firmware: 0.023.2

Fixes:

- (firmware) Fixed Output Emulator for outputs with double/triple pins.
- Several fixes for "Support for high DPI tablets/laptops and custom font size in Control Panel"

2017-03-22

Client: 0.023.1 exp
Firmware: -

Improvements:

- Support for high DPI tablets/laptops and custom font size in Control Panel.

2017-03-17

Client: 0.023.0 exp
Firmware: 0.023.0

New Features:

- **Analog Emulator and Output Emulator** - just connect your PMU on your desk and you can emulate analog inputs and power outputs. See Help (F1) for details.
- Brightness support for CAN keyboard (key LED brightness / back light brightness)
- Up to 20 Switches can be created in project (up from 8).

Improvements:

- CAN keyboard can now be disconnected and reconnected again.
- CAN keyboard can now be powered by one of PMU power output without any problems.

Fixes:

- (client) Fixed USBtoCAN support on **Windows Vista** (USBtoCAN performance improvements on other systems as well)
- canSwBoard_ID668.canx renamed to canSwBoard_ID666.canx (This is only filename change, you don't need to reimport/change anything).
- EMU_BLACK.canx, canSwBoard_ID334.canx, canSwBoard_ID666.canx - reintroduced changes from v0.020.6 (fixed regression from v0.021.0)
- CANbus Export now correctly supports CAN2

2017-03-09

Client: 0.022.0 exp
Firmware: 0.022.0

- (firmware) Fixed reliability of logging to PC when working on slow computer / heavy loaded CAN1.
- (client) Added support for Kvaser CAN adapter.
- (client) Fixed several crashes related to handling corrupted logging data.

- (client) Fixed rare crash when PMU was disconnected
- (client) Proper detection of disconnection when CAN1 L and H is shorted.
- (client) Fixed firmware upgrade after previous upgrade was aborted.

2017-03-02

Client: 0.021.1 exp

Firmware: 0.021.1

- Up to 50 Numbers can be created in project (increased from 20).
- Changed MinimalClientVersion required to load project. You will not be able to load project saved by this Client software in its previous version.
- (firmware) Fixed: Temperature values (temperature1/temperature2/flashTemperature) are correct immediately after starting the device
- Updated example projects in EXAMPLES/EXPO/
- Added link in Help menu: Online ChangeLog
- Default value for Inrush Current has been changed to 120A.
 - a) This settings allow easier tuning of Inrush Current (use the maximum value, test the output, see the Peak Current in Output Monitor and alternatively lower the Inrush Current value to proper value)
 - b) This settings protect output transistors from excessive flyback energy in the case of inductive load.
- Warning messages added to Help.

2017-02-24

Client: 0.020.6 exp

Firmware: 0.020.6

- (firmware) Fixed: PMU16 (non DL) can freeze during startup when checking presence of DL memory.
- Client now checks if firmware is not outdated and suggest upgrade
- Added status bar information in Client about available: functions / numbers / operations.
- EMU_BLACK.canx updated:
 - added input c_ecu_fuelPumpSt
 - added input c_ecu_coolantFanSt
 - added input c_ecu_acClutchSt
 - added input c_ecu_acFanSt
 - aln1..aln6 – changed Volts to miliVolts (0..5000 steps instead of just 0..5)
 - mob renamed to “m_emublack”
- canSwBoard_ID668.canx / canSwBoard_ID668.canx updated:
 - mob renamed to “m_canSwBoard”

2017-02-20

Client: 0.020.5 exp

Firmware: -

- Several fixes for slow computers

- [CHANGE] USBtoCAN adapter is detected ONLY once during Client startup. Single PMU can be connected later. But still if using multiple PMU – devices need to be connected before Client Startup.
- Fixed fatal popup window: assert failed: !"unreachable"
- Fixed fatal popup window: assert failed: "IsRunning(), Use ScheduleExit() on not running loop"
- Faster disconnection detection
- Fixed validation for PowerOutputs confirming dialog by ENTER key
- Updated HELP file
- Changed destination email address for BugTrap.
- [NEW] Ability to print Pinout - use menu item: Device/Generate Pinout to generate .HTML file
- [KNOWN ISSUE] Password protection is still not working. Please do not enter password.

2-02-2017

Client: 0.020.4 exp
Firmware: 0.020.4

- (Firmware) Fixed initialization of DataLogging system in PMU16-DL

24-01-2017

Client: 0.020.3 exp
Firmware: 0.020.3

- Initial Release