

# Changelog

## 4.5.1

### Changed

- use libusb 1.0.27
- use gRPC v1.61.1

### Added

- add a function to get the current timestamp from a device (require firmware  $\geq$  v2.11)
- add a function to get the trigger state on ADC (require firmware  $\geq$  v2.11)
- add a function to send CAN message without creating CAN frame

### Fixed

- AGHAF: put all the class in Aghaf namespace inside the code library (avoid conflicts under linux)
- AGHAF: on destruction, destroy devices after all callbacks called to avoid segmentation fault inside callbacks
- AEDS: avoid deadlock on command execution from client having left the system

## 4.5.0

- new heartbeat system based on stream instead of regular rpc
- use a open counter to allow multiple clients using the same card

## 4.4.0

- use doxygen awesome for documentation
- add LIN support
- reorganise the aghaf code to factorise
- create two separated documentations: API and Internal
- strongly type errors when possible (session rx error et tx error can't be strongly typed)
- add heartbeat to detect a client application crash and close automatically a card
- lock open/close device to a specific client

## 4.3.6

### Changed

- use libusb 1.0.26

#### **Fixed**

- AEDS: deadlock if command executed during a plug in of a device
- AEDS: windows: ensure device is ready in the OS before using it

#### **4.3.5**

##### **Added**

- AGHAF: add support of full DoCAN frame in muxdiag3

#### **4.3.4**

##### **Added**

- AGHAF: add events in proprietary
- write x86 or x64 in description of the file (aghaf.dll and aeds.exe)

##### **Fixed**

- AGAHF: memory leak at destruction of aghaf object

#### **4.3.3**

##### **Fixed**

- AGHAF: wrong iterator returned in getChannelByIndex (end instead of the one found)

#### **4.3.2**

##### **Changed**

- AGHAF: character on kline in uint16 instead of uint8
- KLine events removed: EVENT\_KLINE\_CHARRXFB, EVENT\_KLINE\_5BAUD\_SYNC, EVENT\_KLINE\_5BAUD\_KEY1, EVENT\_KLINE\_5BAUD\_KEY2, EVENT\_KLINE\_5BAUD\_REVADDR

#### **4.3.1**

##### **Fixed**

- AEDS: condition variable on new device was not notified

#### **4.3.0**

##### **Fixed**

- review the connection/disconnection from module/device: only one canal for those events (there was one for connection and one for disconnection)

### **4.2.2**

#### **Changed**

- new serialization of request/responses to avoid copies

### **4.2.1**

#### **Changed**

- send multiple events at the same time between aghaf and aeds (performance)

### **4.2.0**

#### **Added**

- add asynchronous API for CAN

#### **Changed**

- use libusb 1.0.25

#### **Fixed**

- winusb does not support writing on multiple devices at the same time, add a lock to avoid that