BUSMASTER – CAN FD Add-On

❖ Introduction

BUSMASTER CAN FD Add-On supports measurement and simulation of CAN FD frames and signals.

❖ Features Supported

- Database support
- Hardware support
  - ETAS BOA v2.14.0 (ES582.1, ES523)
  - Vector hardware (VN1610, VN1611, VN1630)
  - Channel configuration with CANFD parameters
    - ISO and Non-ISO mode support
- Transmit Window
  - Support up to 64 bytes
- Message Window
- Node Simulation
- Logging
- Filters
- Replay
- Network Statistics
- Signal Watch
- Signal Graph

❖ Installation

CAN FD support in BUSMASTER is available as a commercial Add-On
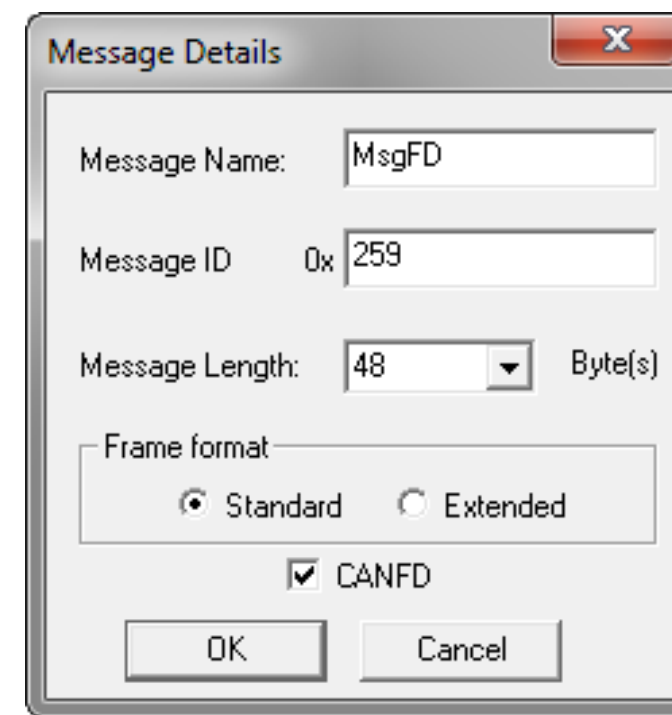
CAN FD Add-On works on top of open source version.

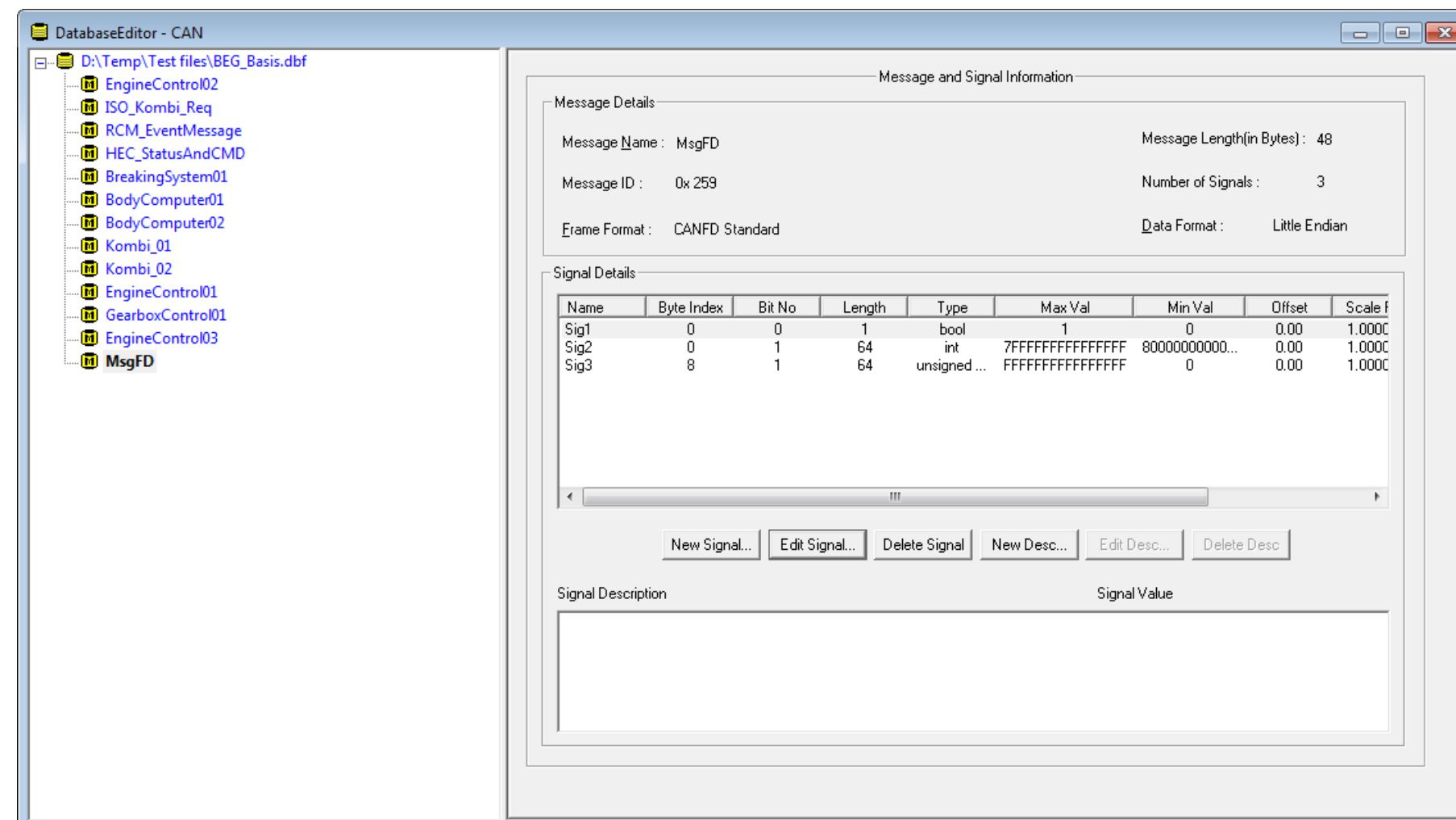For further details, please contact E-mail: BUSMASTER@in.bosch.com

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❖ Database

BusMaster Database supports CAN FD frames

- CAN FD option
- Length up to 64 bytes

❖ Signal creation
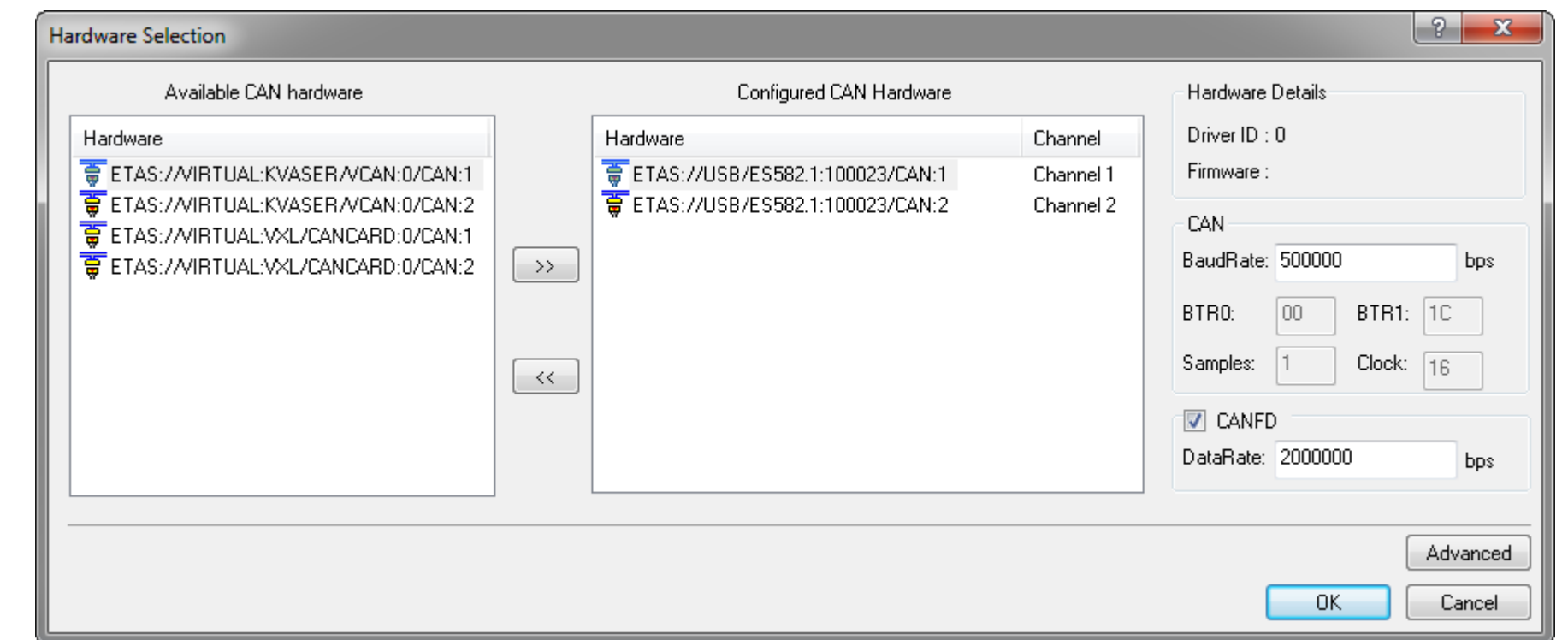
- Multiple signals up to 64 bytes
- All other CAN signal parameters available

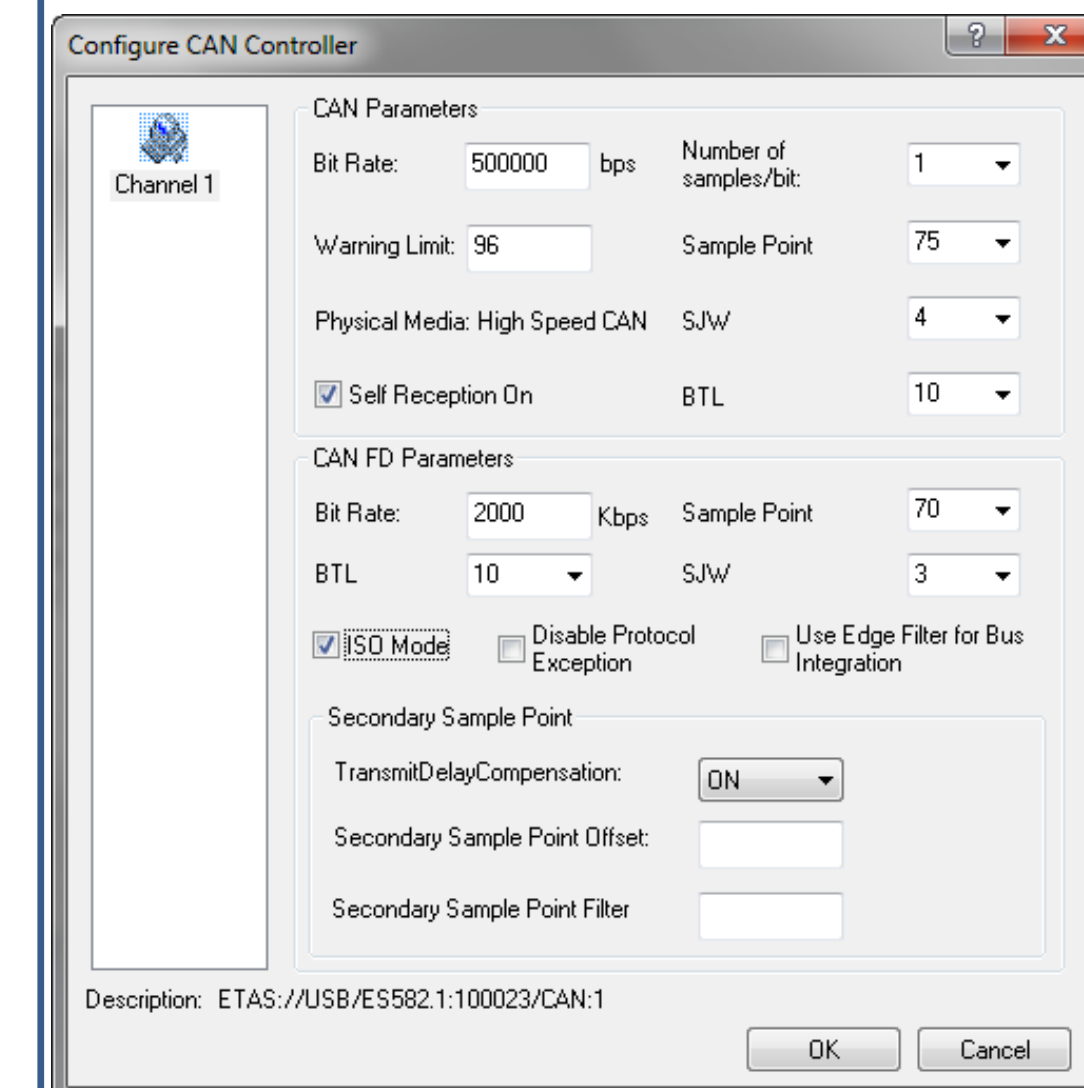
❖ Hardware channel configuration
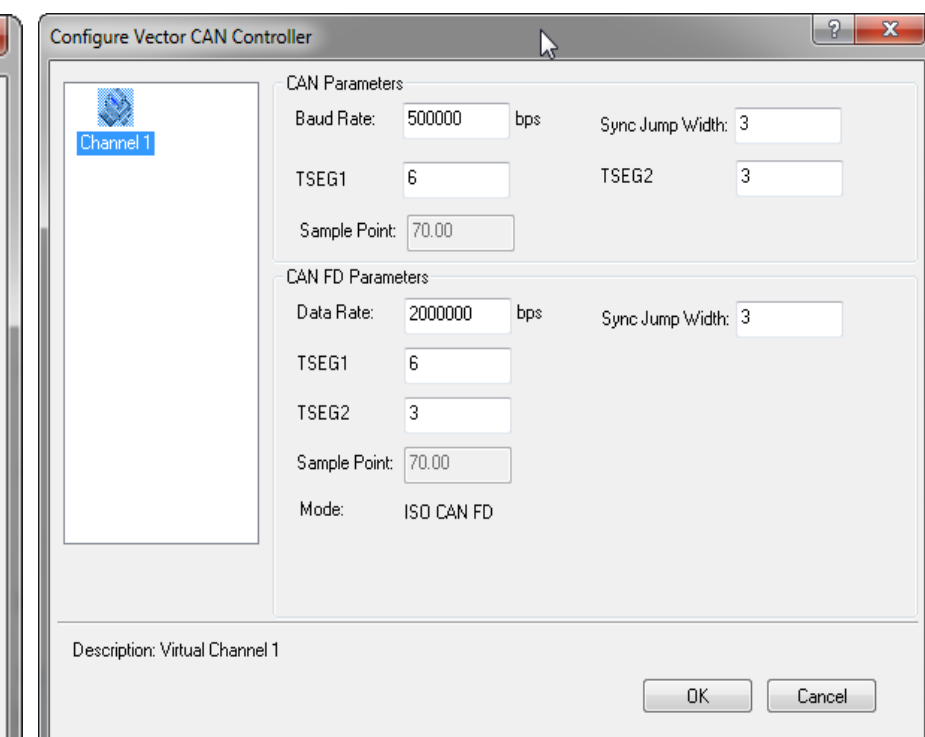
Option to select CAN FD variable data rate

❖ Hardware channel configuration for CAN FD Parameters

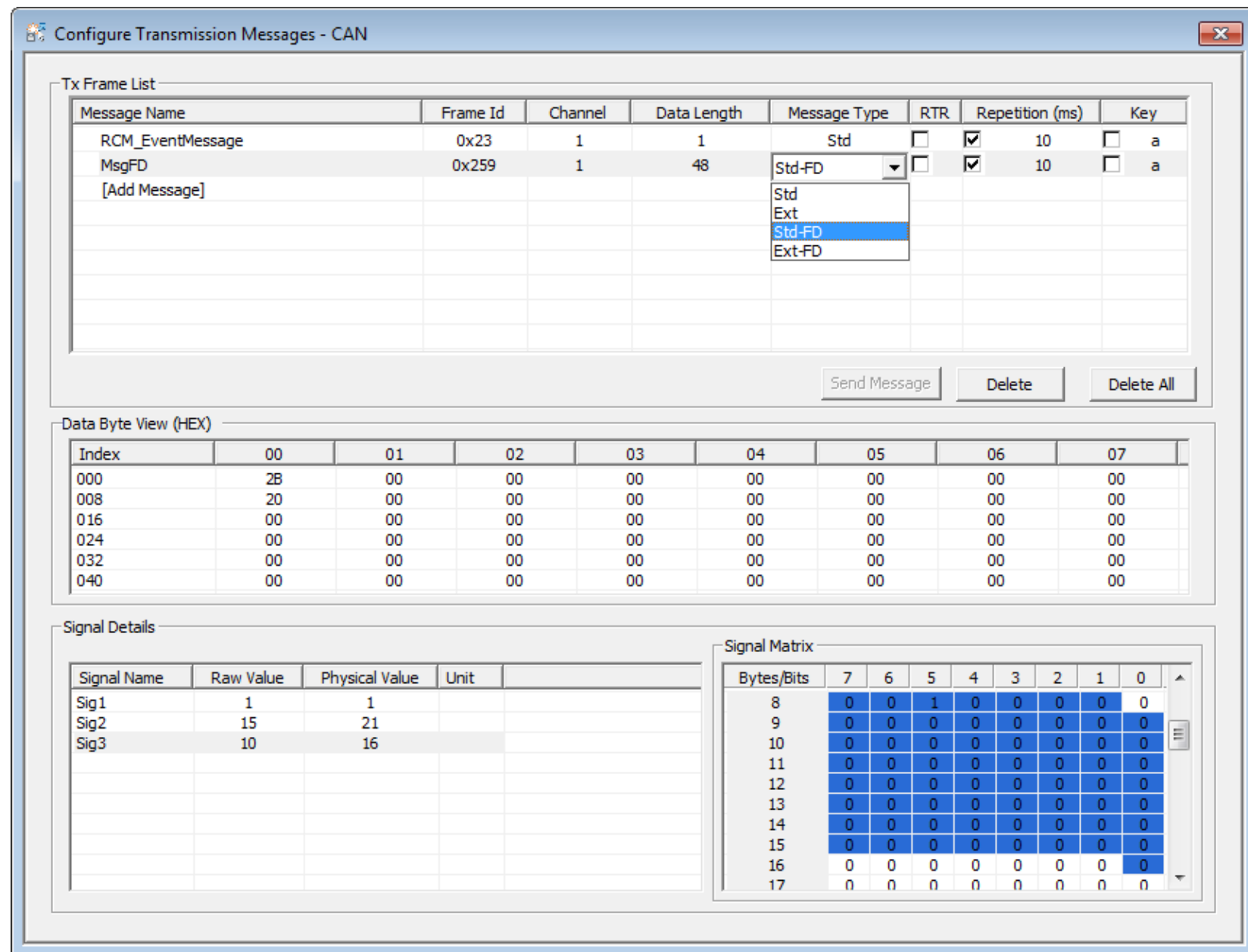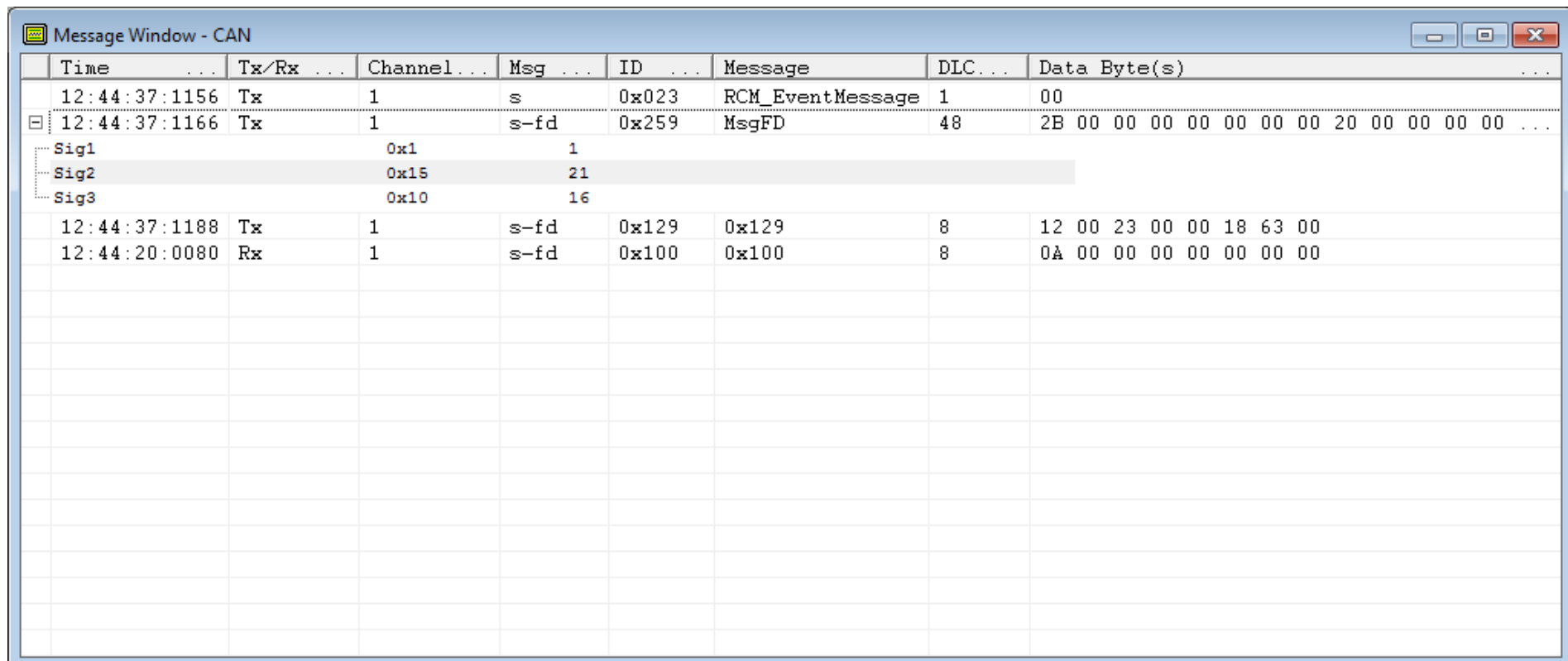**ETAS Hardware**   **Vector Hardware**

❖ Transmit Window

- Support for standard, extended, standard-fd and extended-fd frames
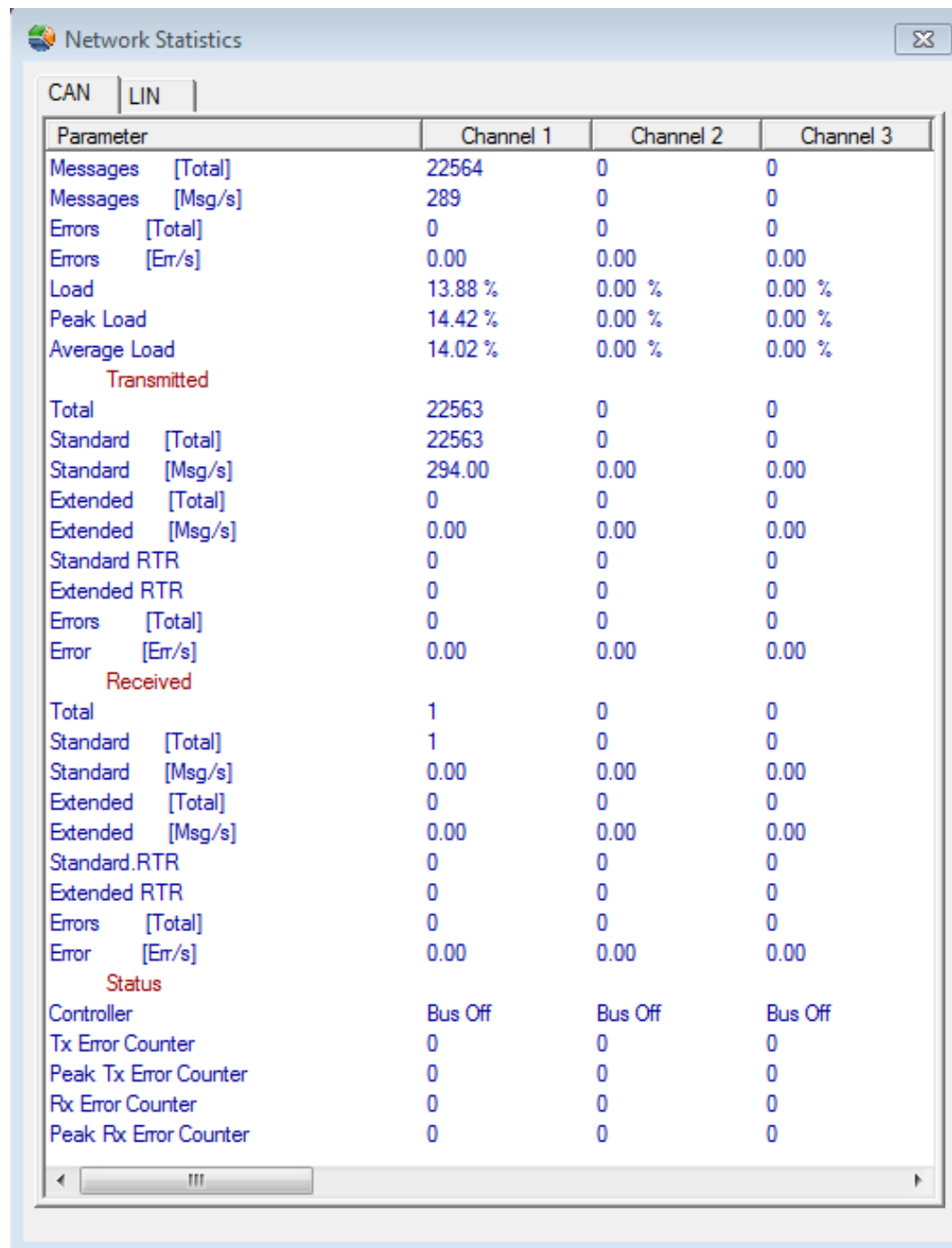
- Signal matrix for 64 bytes

❖ Message Window

- Displays CAN FD frames

❖ Network Statistics

Displays CAN FD bus statistics like number of frames transmitted

and received, error frames, bus load etc.,

❖ Signal Watch

Analyze selected signal's Raw and Physical values

❖ Signal Graph

Signal plotting for the configured signals

❖ Logging

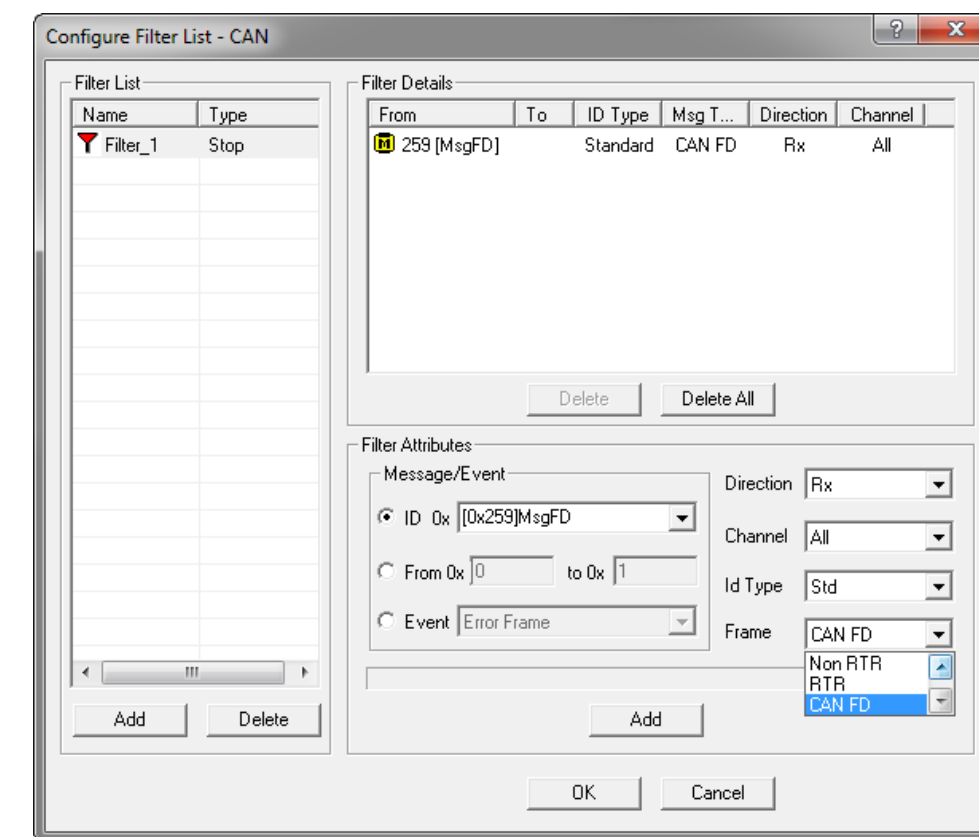Configure log files to log CAN FD Frame's transmitted or received

❖ Replay

Session replay of the CAN FD log files

❖ Filters

Configure Stop or Pass filters for CAN FD Frame's

❖ Node Simulation

CAN FD Node can be simulated with following handlers

- Bus Events
- Message Handlers
- Error Handlers
- Timer Handlers
- Key Handlers
- DLL Handlers