❖ **Introduction**

BUSMASTER add-on for FlexRay can be used to monitor, analyse and simulate FlexRay bus

❖ **Features Supported**

- Controller Configuration
- ASAM FIBEX standard v2.0.0, v3.0.0 and v4.0.0
- Frame Transmission and Monitoring
- Network Statistics
- Filters
- Logging
- Signal watch
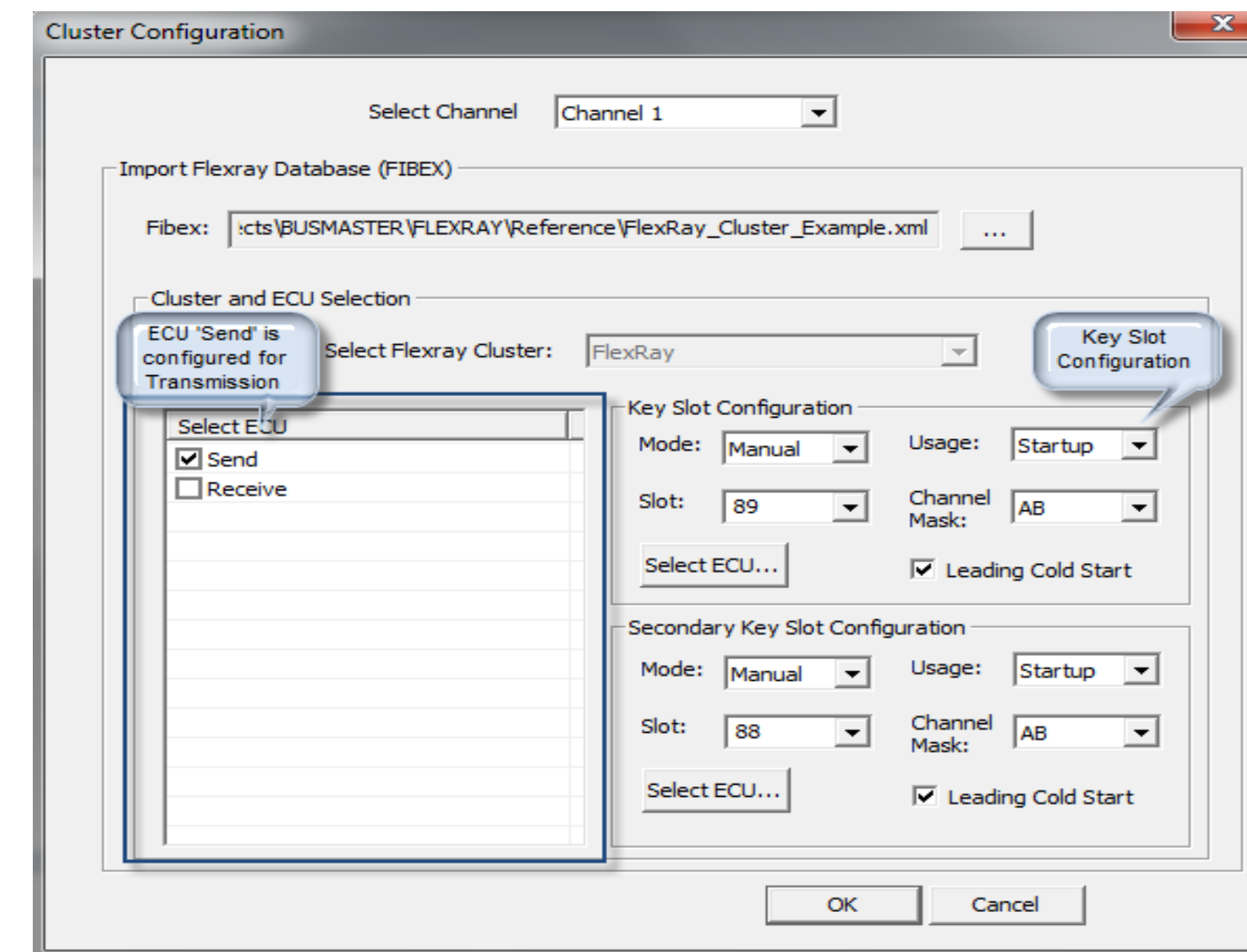- Node Simulation

❖ **Installation**

FlexRay support in BusMaster is available as a Commercial Add-On
FlexRay Add-On can be installed on top of BusMaster Open Source v3.1.0

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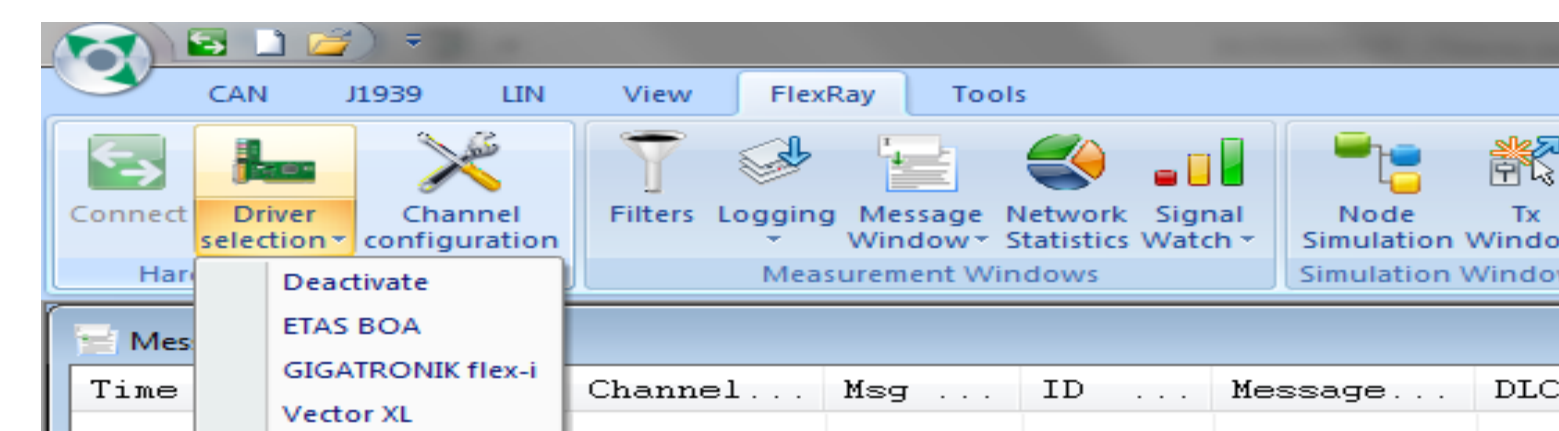

❖ **Channel Configuration**

Cluster configuration is used to associate FIBEX file to a FlexRay channel

❖ **Controller Configuration**

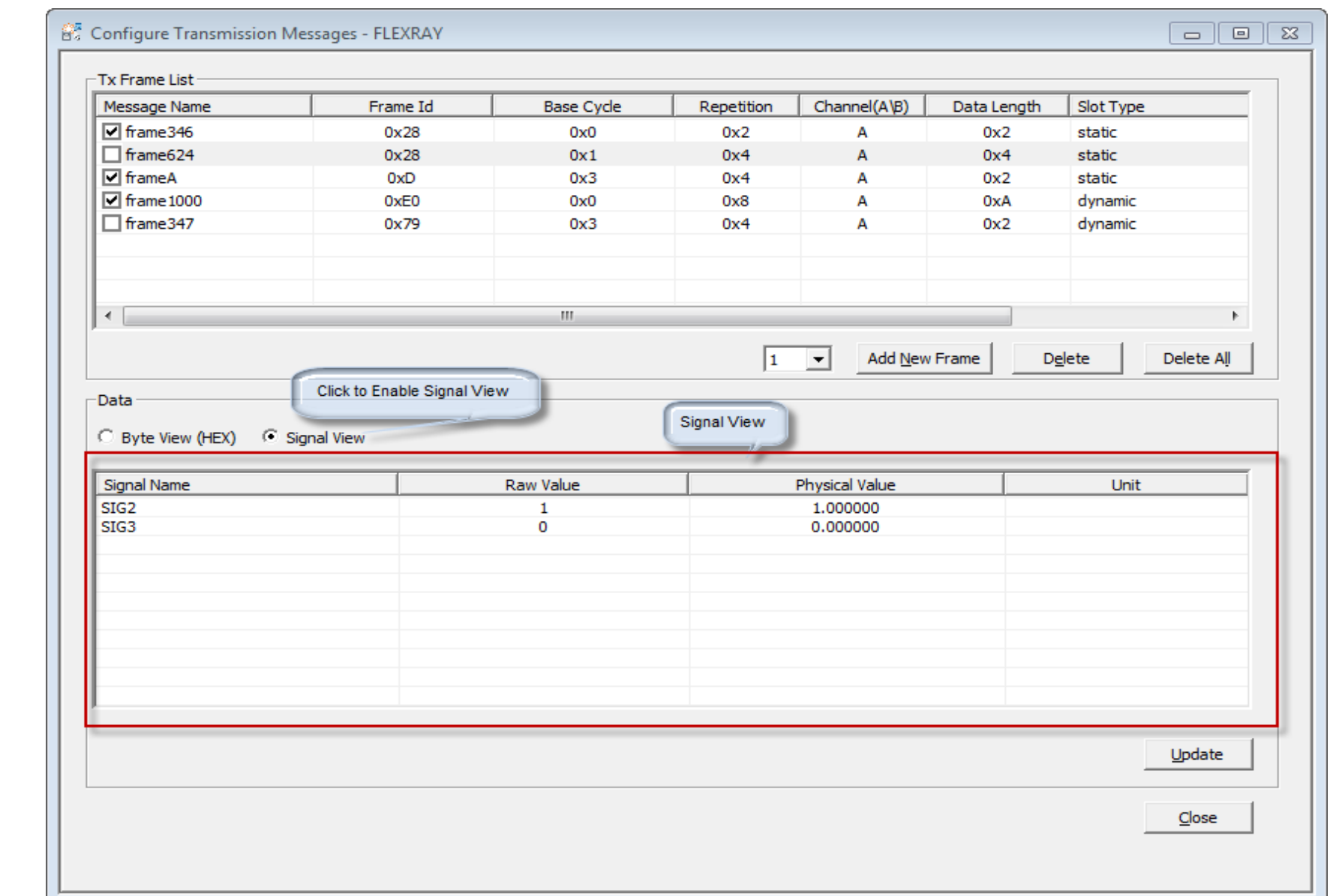BUSMASTER can be connected to FlexRay physical channel using FlexRay Controller

- Following FlexRay controllers are supported:
  1. ETAS BOA
  2. Vector XL
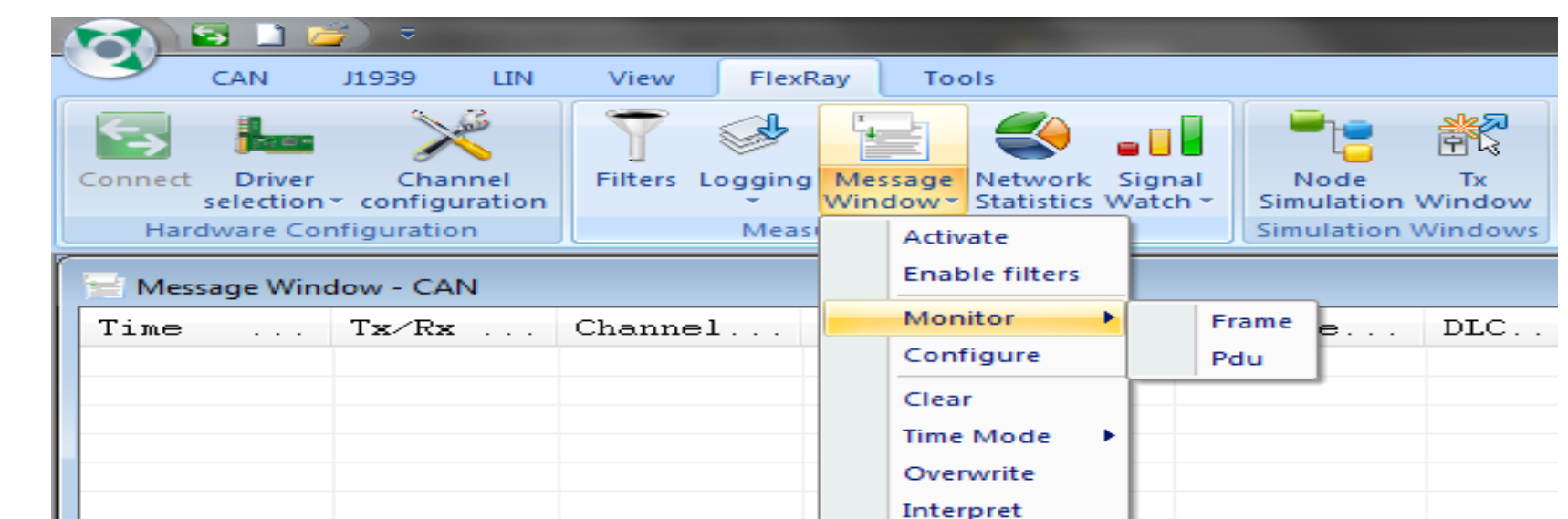

❖ **Transmission of Messages**

Configure FlexRay messages for transmission

❖ **Monitoring Messages**

On-line FlexRay Network Monitoring can be done using FlexRay Message window

- Frame Monitoring
- PDU Monitoring
- Frame and PDU Monitoring

BUSMASTER © - FlexRay FlexRay

❖ Frame Monitoring

❖ PDU Monitoring

❖ Frame and PDU Monitoring

BUSMASTER © - FlexRay Features

❖ Network Statistics

Displays FlexRay bus statistics like number of frames, PDU's transmitted and received, error frames, static segment load etc.,

❖ Filters

Configure Stop or Pass filters for FlexRay Frame's/PDU's

❖ Logging

Configure log files to log FlexRay Frame's/PDU's transmitted or received on the FlexRay bus

BUSMASTER © - FlexRay Features

❖ Signal Watch

Analyze selected signal's Raw and Physical values

❖ Node Simulation

FlexRay Node functionality can be simulated with following handlers

- Bus Events
- Message Handlers
- PDU Handlers
- POC Handlers
- Start Cycle Handlers
- Timer Handlers
- Key Handlers
- DLL Handlers