

# BUSMASTER – Instruments Add-On

## BUSMASTER © - Instruments Overview

### ❖ Introduction

BUSMASTER Instruments Add-On for CAN enables usage of GUI controls for an intuitive display of CAN signal values. Instruments also has an editor to design the instruments by using the inbuilt widgets and controls

### ❖ Features Supported

- Support for CAN signals
- Instrument Editor
  - Controls
    - Analog gauge
    - Button
    - Text box
    - Check box
    - Group box
    - Label
    - LED control
    - Numeric up down
    - Picture control
    - Track bar
  - Saving and loading instruments in the editor
  - Importing Instruments in BusMaster
  - Simulating frames using instruments
  - Signal value display using instruments

### ❖ Installation

Instruments support in BusMaster is available as a Commercial Add-On

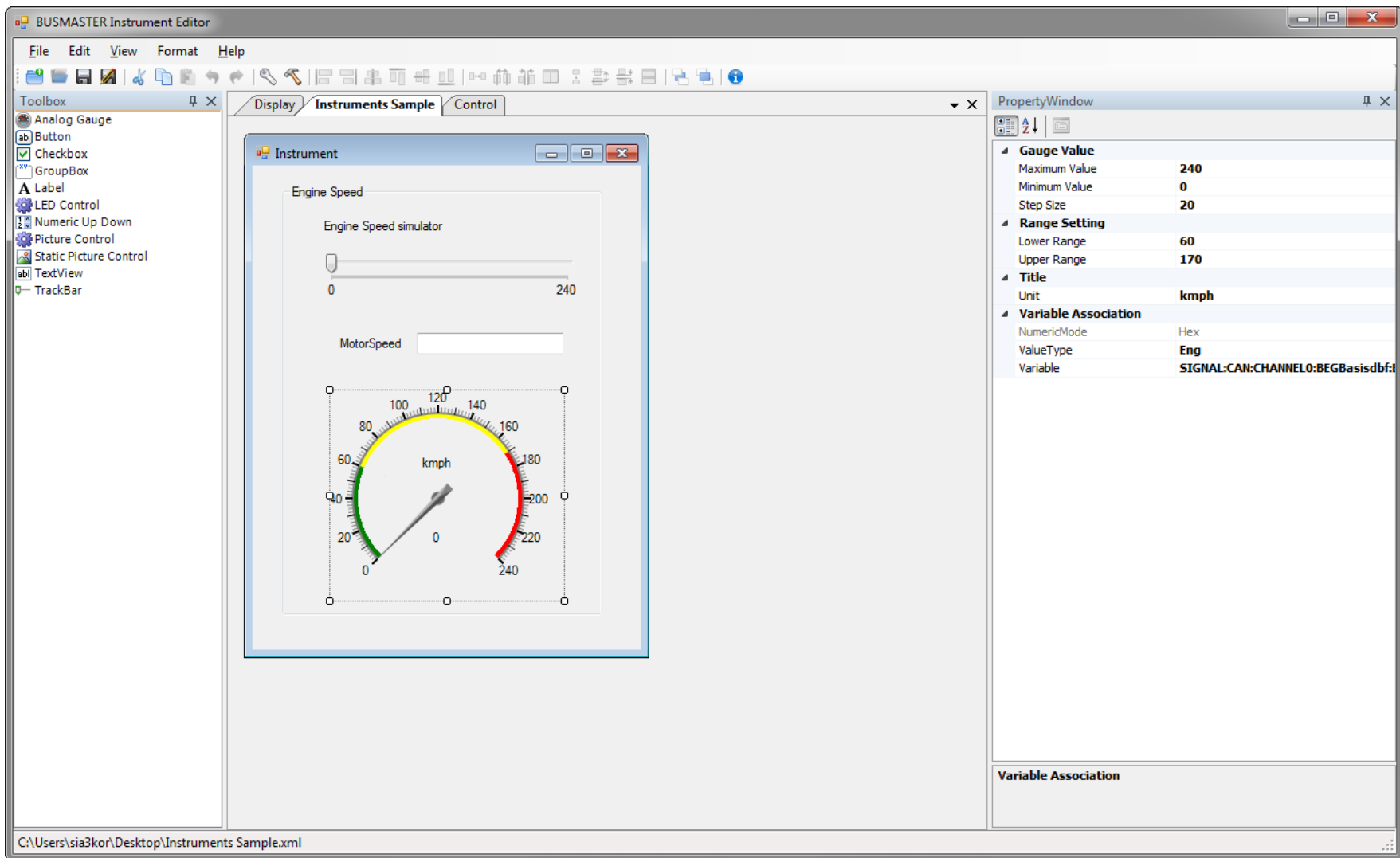
Instruments Add-On v1.1.0 works on top of open source v3.2.1

For further details, please contact E-mail: [BUSMASTER@in.bosch.com](mailto:BUSMASTER@in.bosch.com)

## BUSMASTER © - Instruments Editor

### ❖ Instruments Editor

Instruments Editor is used to create instrument using the GUI controls and widgets available in the toolbox



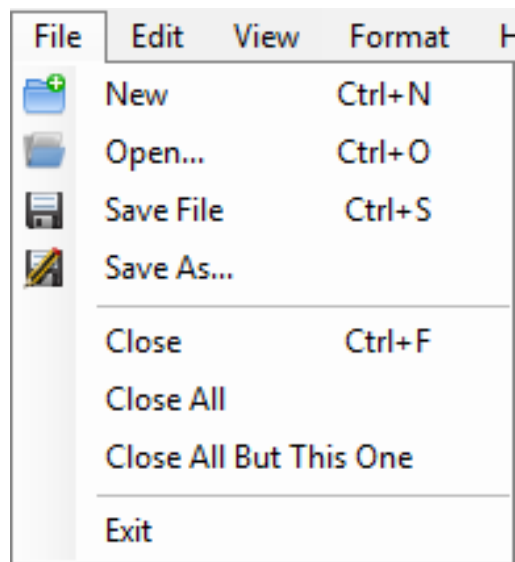
### ❖ Features

- Toolbox – Controls from the list can be chosen using drag & drop
- Properties – Signals association, range settings, units, value type etc. can be set
- Edit and alignment options available

## BUSMASTER © - Instruments Editor

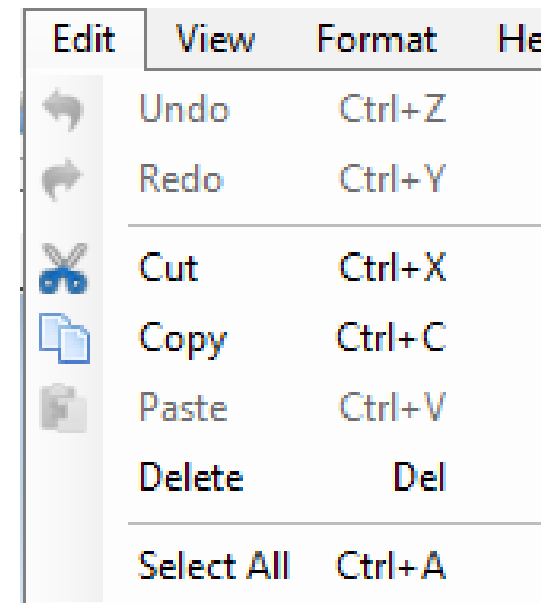
### ❖ File Options

- Create new instrument
- Open existing instrument
- Save instrument
- Close instruments



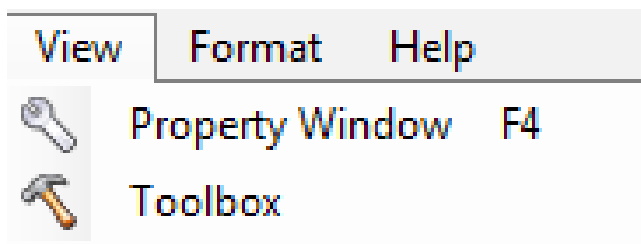
### ❖ Edit Options

- Cut, Copy & Paste
- Delete & Select All
- Undo & Redo



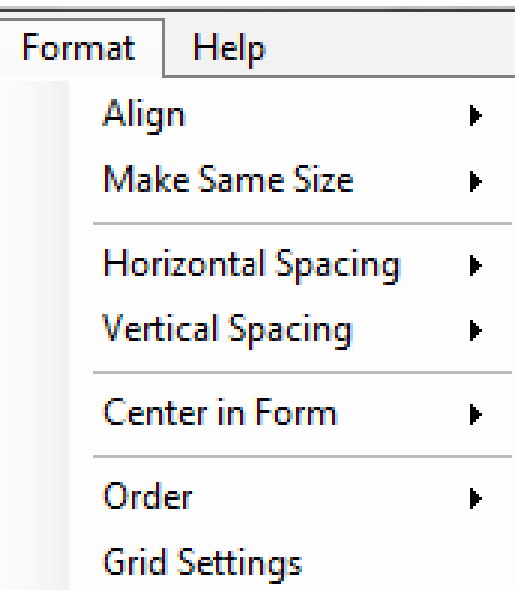
### ❖ View Options

- Property Window
- Tool box



### ❖ Format Options

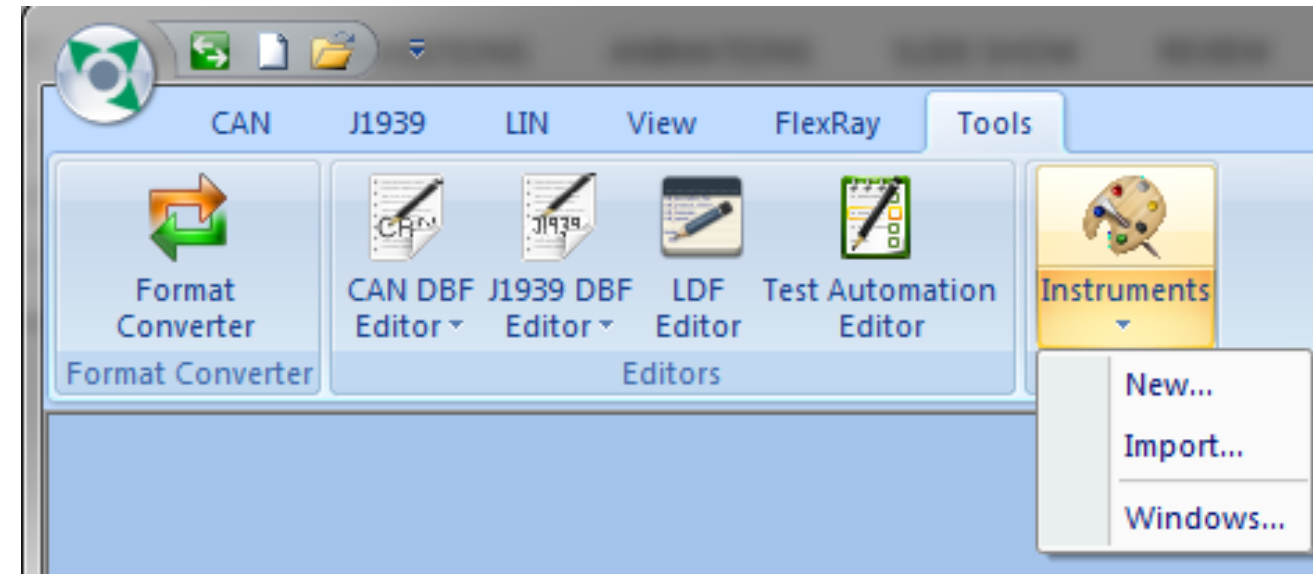
- Alignment
- Sizing
- Spacing
- Ordering



## BUSMASTER © - Importing Instruments

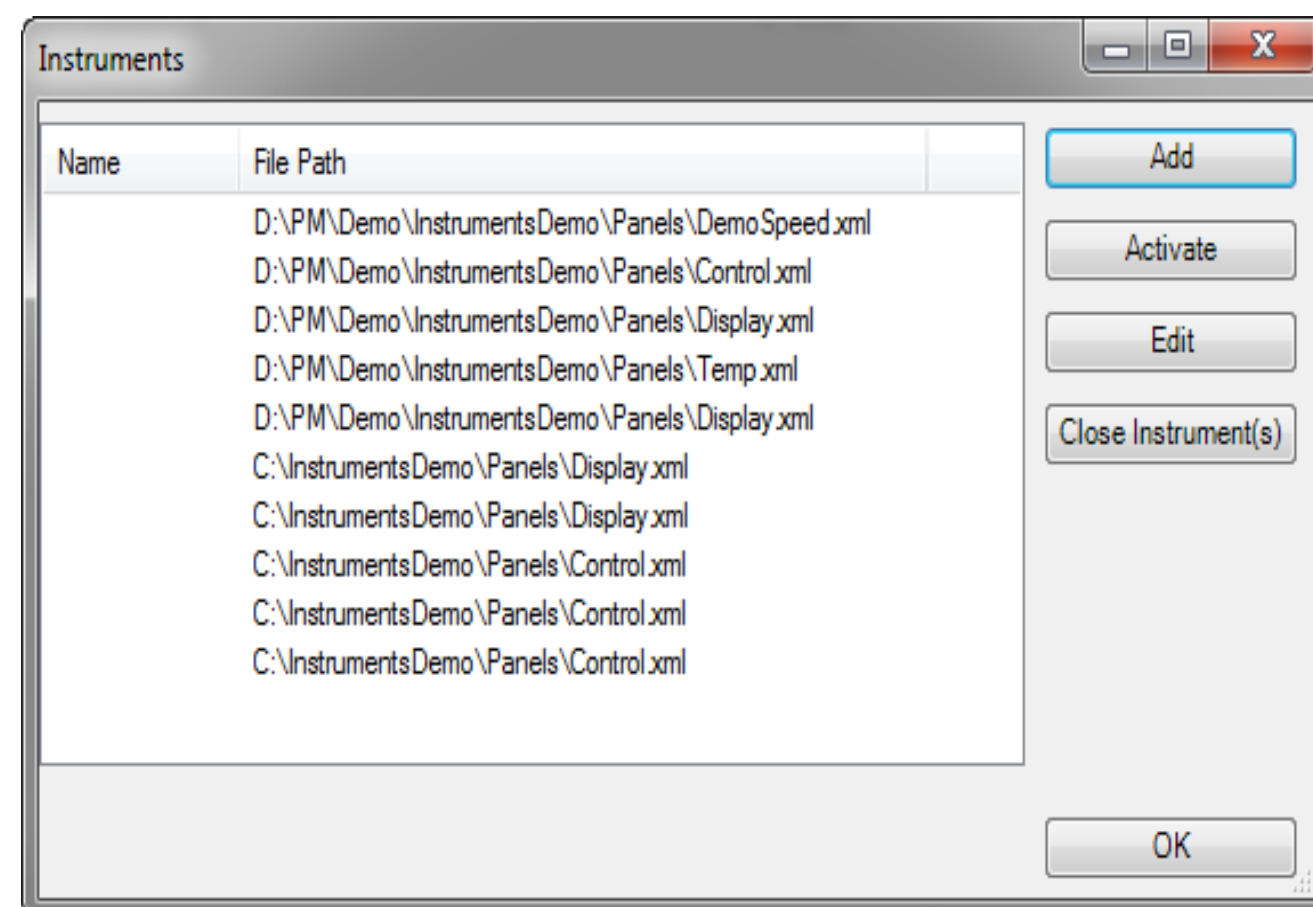
### ❖ Option for Instruments in BusMaster

- Option to create new – launches editor
- Option to import – Loads the instruments



### ❖ Display the imported Instruments in BusMaster

- Displays the list of imported instruments
- Option to add new instrument
- Select/Activate a particular instrument



## BUSMASTER © - Importing Instruments

### ❖ Instruments usage in BusMaster

- Imported instruments will be displayed
- Frame transmission based on the associated signal
- GUI control/widget displays the signal value based on the data received

