

# BUSMASTER – Instruments Add-On

## BUSMASTER © - Instruments Overview

### ❖ Introduction

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

### ❖ Features Supported

- 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

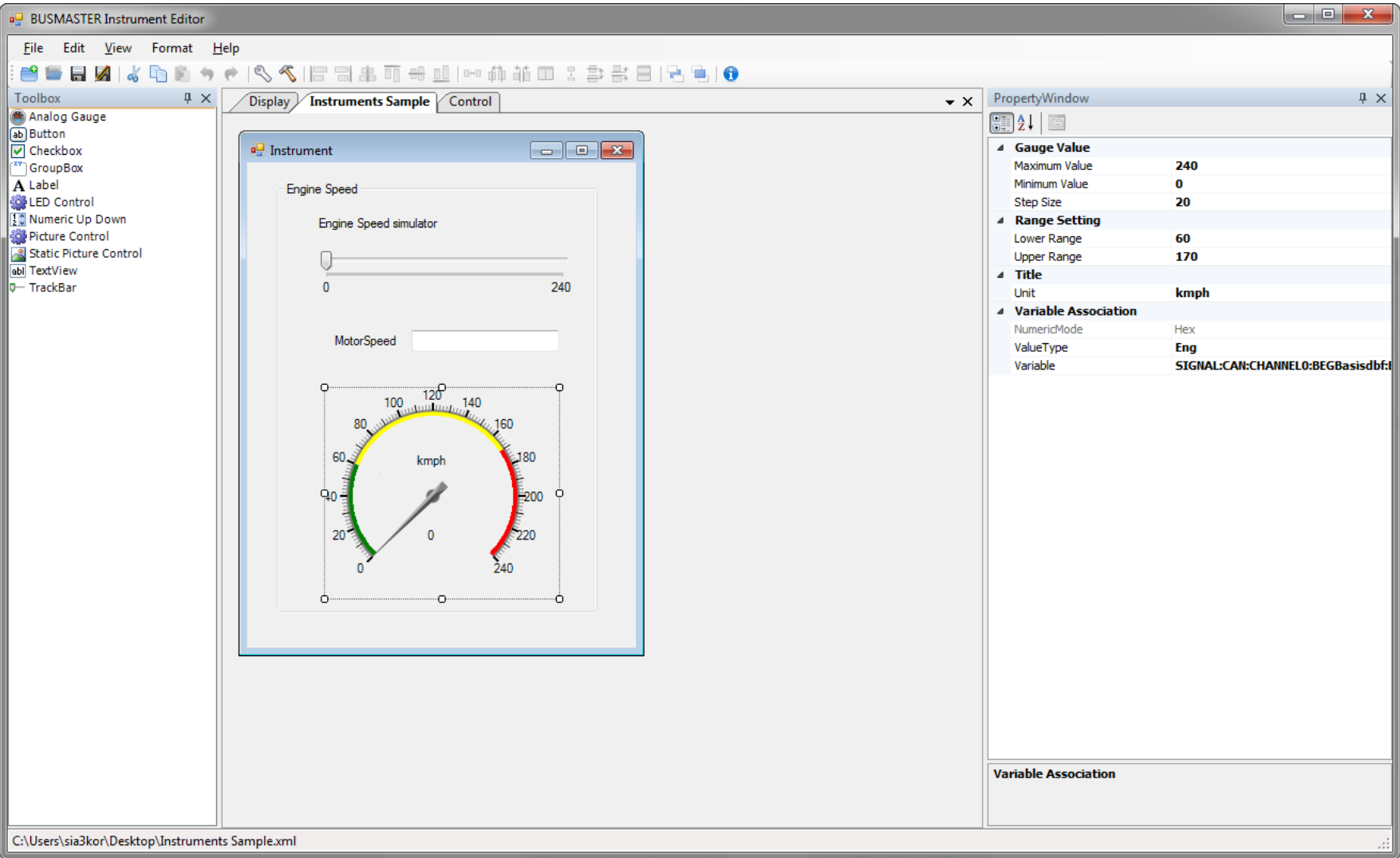
Instruments Add-On v1.1.0 works on top of open source v3.2.1

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



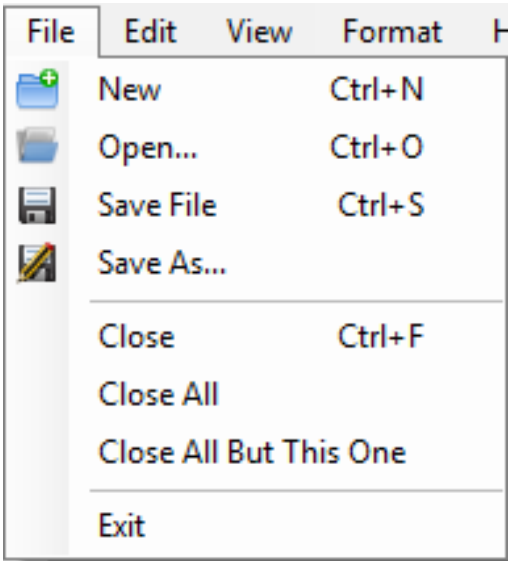
### ❖ Features

- 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

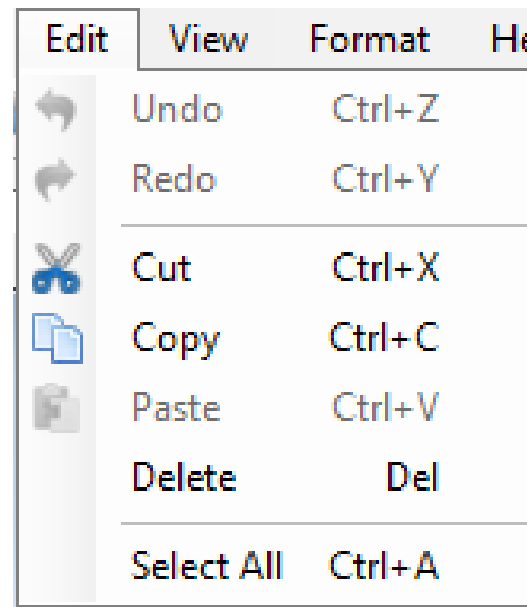
### ❖ File Options

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



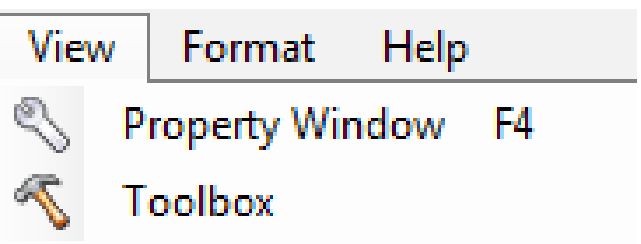
### ❖ Edit Options

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



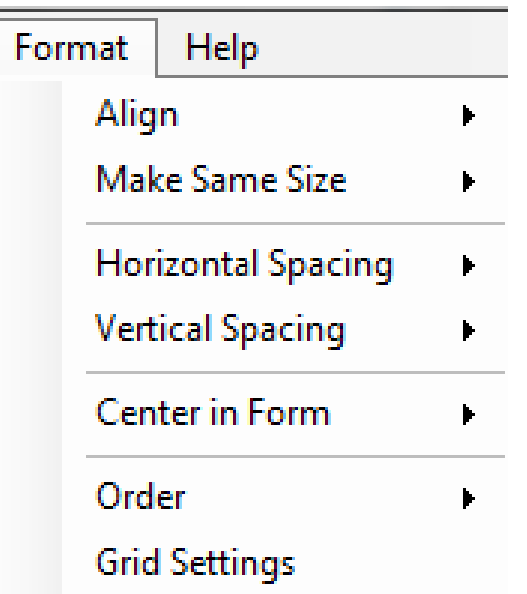
### ❖ View Options

- Property Window
- Tool box



### ❖ Format Options

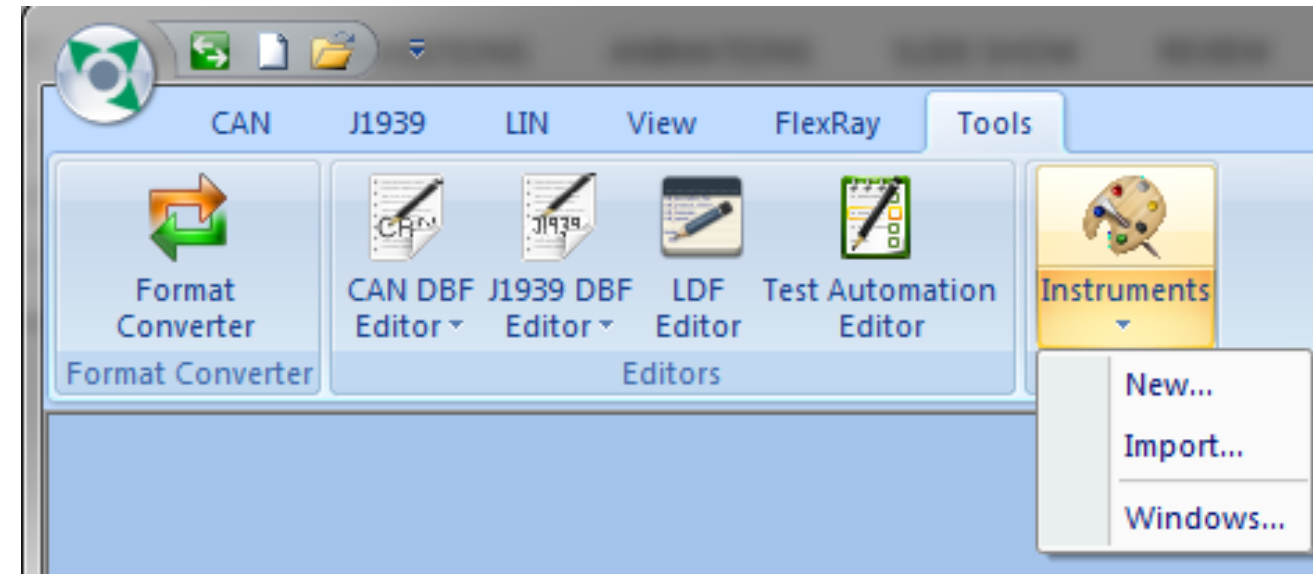
- Alignment
- Sizing
- Spacing
- Ordering



## BUSMASTER © - Importing Instruments

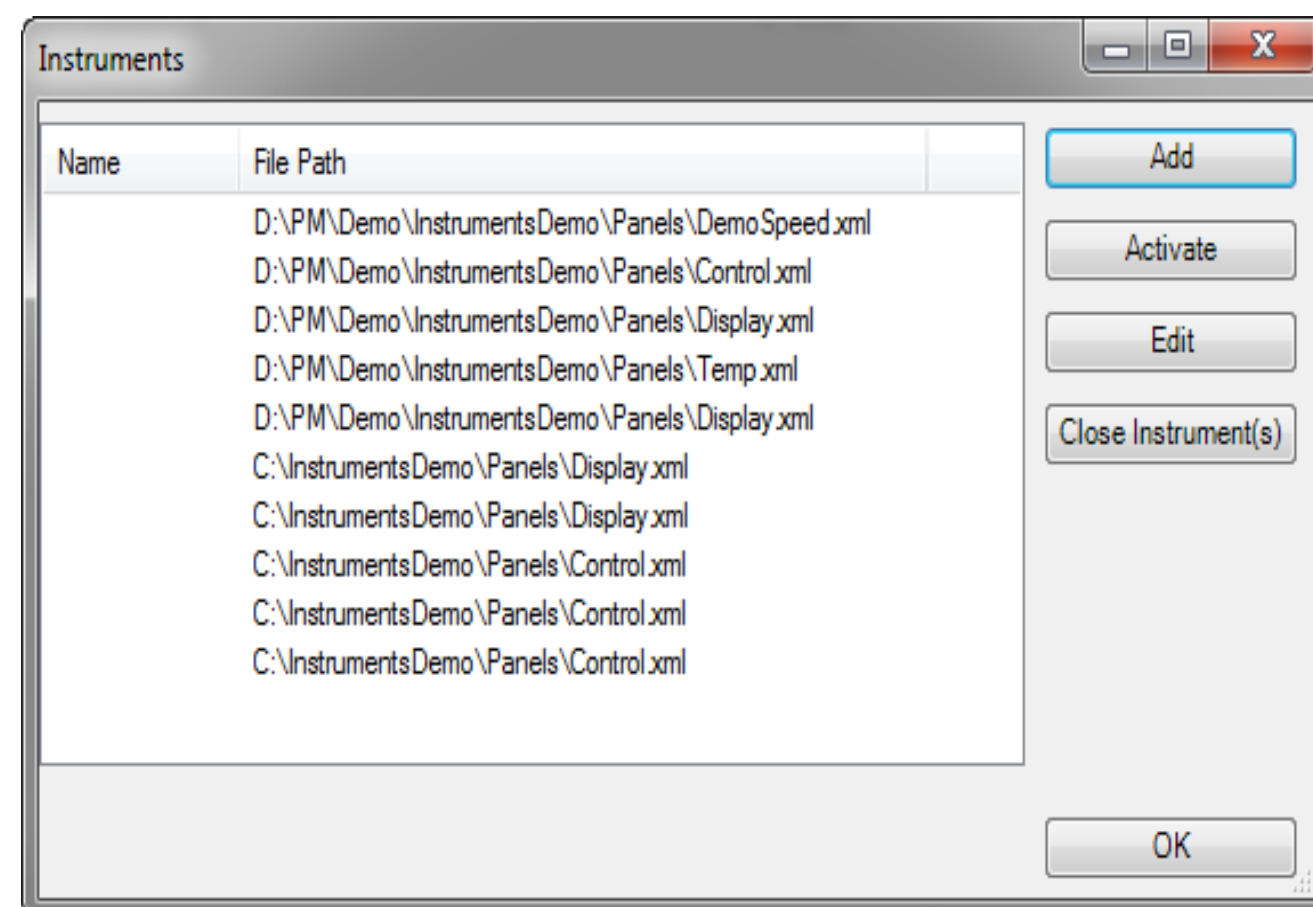
### ❖ Option for Instruments in BusMaster

- 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

