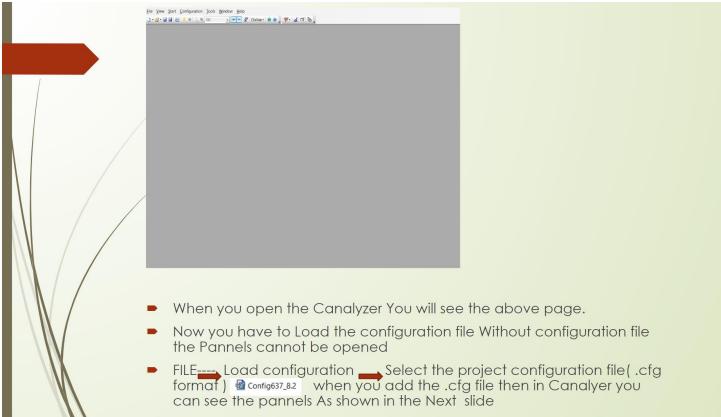
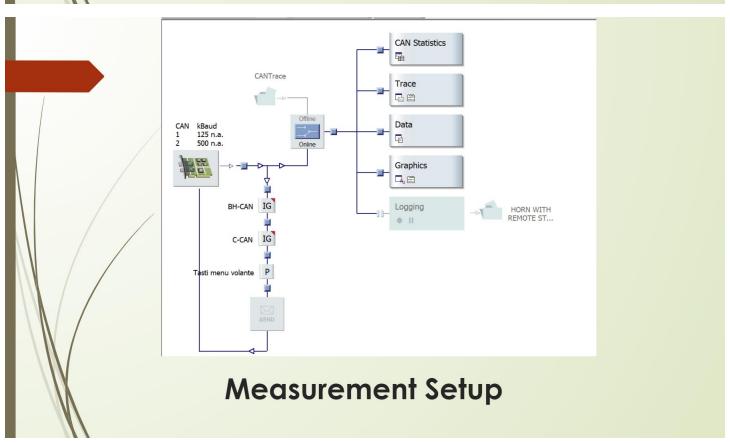


VECTOR CANalyzer

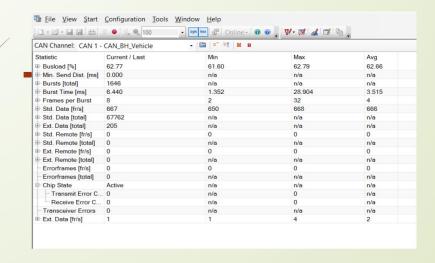
- Vector CANalyzer is a software tool used to perform the real time scenario.
- CANalyzer is developed by Vector.
- CANalyzer Tool is used to development & Test & analysis of entire ECU network.
- This Tool is Used to send the signals.
- This Tool is used to Record internal data of a ECU by generating a LOG file.
- CANalyzer is used To perform IG on (key on) and IG off (key off) by sending the related signal IG block.





CAN stastistics:

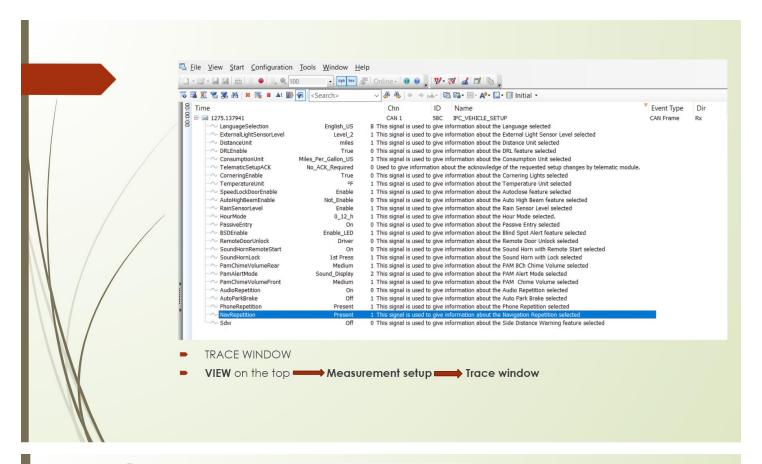
The Statistics Window shows statistical information about bus activities (CAN, LIN, FlexRay) during a measurement. This includes such information as bus load on node and frame level, burst counter/duration, counters/rates for frames and errors, and controller states.

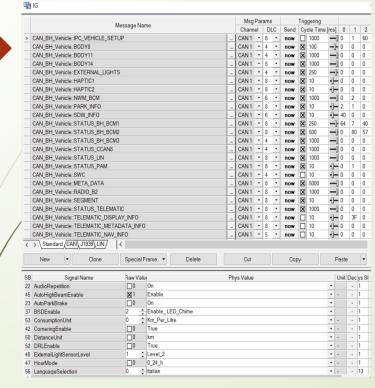


TRACE WINDOW:

Trace window is very important window to see the signal information

- We will send The input from Canalyzer from IG block and we will observe the output in Trace window or in ECU (Depends)
- In trace window we can find the signal information
 - Channel name (channel 1 or channel 2)
 - ID
 - Name of the signal
 - Direction (Transmitter or receiver)
 - Event type(can frame)





IG Block:

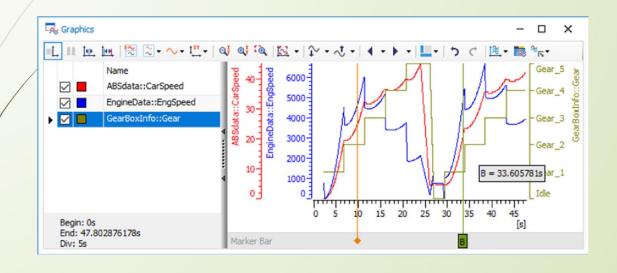
From here we will send the signals to ECU.

EX: BODY8.AudioRepetition = ON



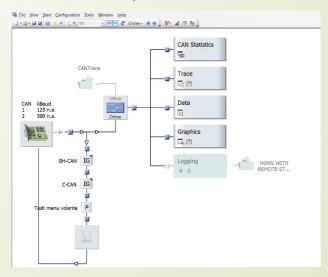
GRAPHICS WINDOW:

This Window is used to graphically display the values of signals





Log File is a file which contains a record of events. Log file is used to track whats hapenning behind the scene (ECU Internal). We generate the log file from the measurement setup.



HOW TO GENERATE A LOG FILE:

- Go to VIEW
- Go to MEASUREMENT SETUP
- Go to LOGGING
- GIVE A NAME TO LOG FILE (Name and location to save)
- Log File is saved in (.blf) format.
- Activate the Log By Double clicking on the logging window
- TURN On the Ecu or ON the CANalyzer
- Perform the failed testcase
- Once the requirement is finished then stop the log
- Log is saved in the given location.

