

CAN user's guide for STRATON

Version

06/11/2009 Initial version1.0

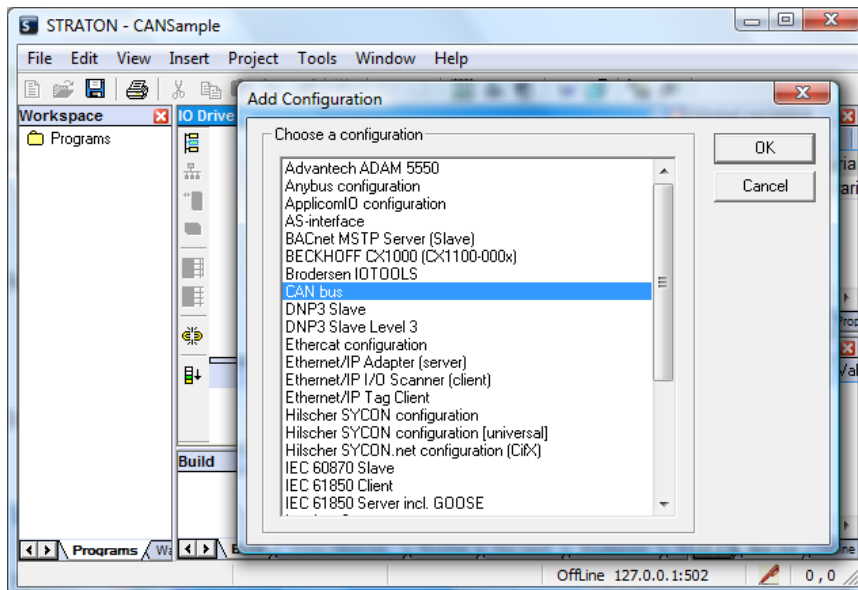
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1 Install Straton Workbench and Runtime

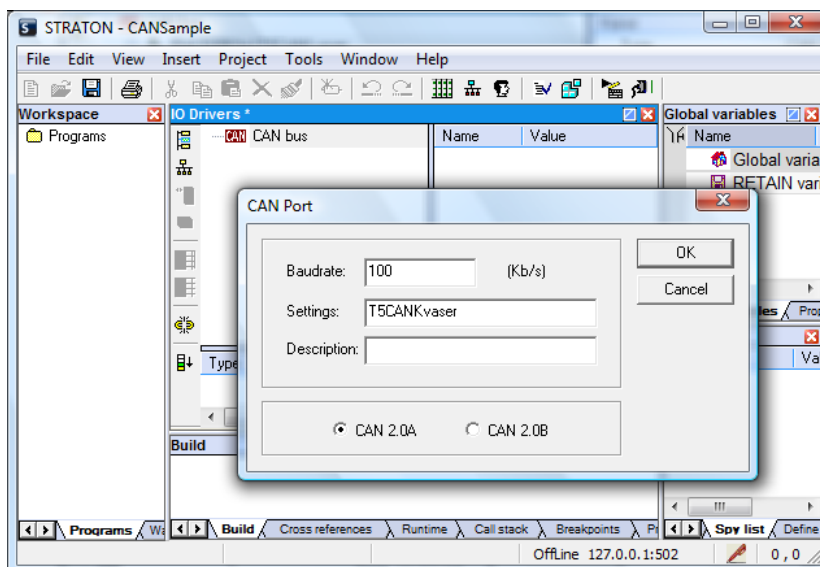
Download and install from www.copalp.com

2 Create a new Straton project

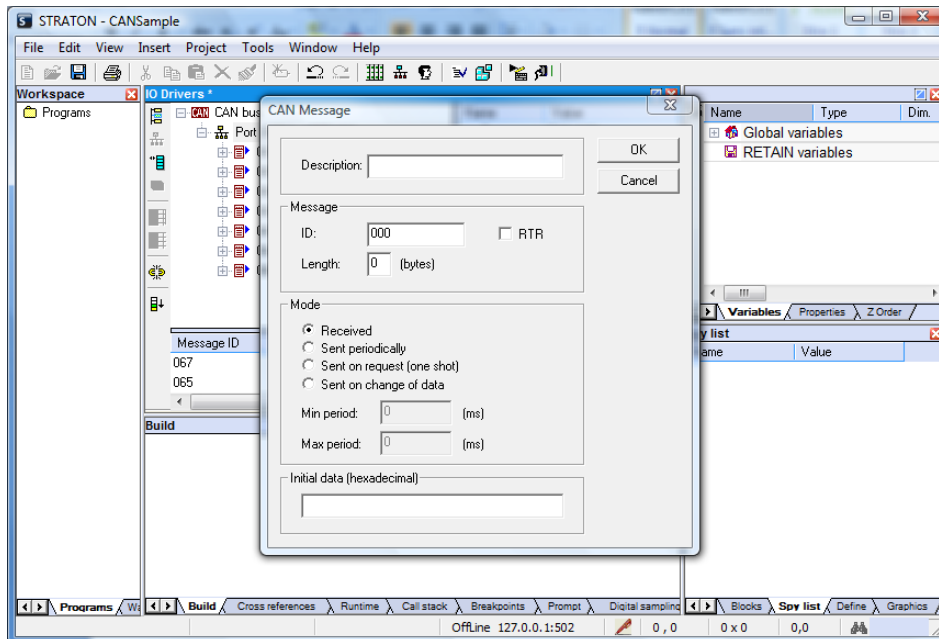
Open the IO Drivers () Windows and insert a configuration () and select the CAN bus driver



Insert a Master/Port () corresponding to your CAN controller.



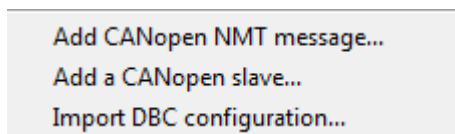
Insert a Slave/Datablock and enter the corresponding CAN information.



CAN message can be declared using the wizard. The wizard permits to:

- Declare the NMT message of CANopen
- Declare the PDO/SDO of CANopen
- Import a DBC configuration

Right click on the CAN port to open the wizard:



2.1 Download the application

Download the application to the straton runtime:

- Select the communication parameters in menu Tools/Communication Parameters
- Establish the connection through menu Project/Online

Result is:



The download is successful and application starts correctly.



The straton runtime is not started or communication parameters are wrong.



The application is not yet downloaded or an error occurs during startup more detail in the output view.

3 Frequently Asked Questions

What are the parameter for the CAN port?

The settings of the CAN port are OEM dependant, the following parameter are available for the straton runtime:

- Kvaser CAN : T5CANKvaser
- Grid Connect : T5CanGridConnect
- PEAK : T5CanGridConnect
- IXXAT : T5CanIxxat