



Configuration Manual For SCADA

► *LabVIEW 8.2*

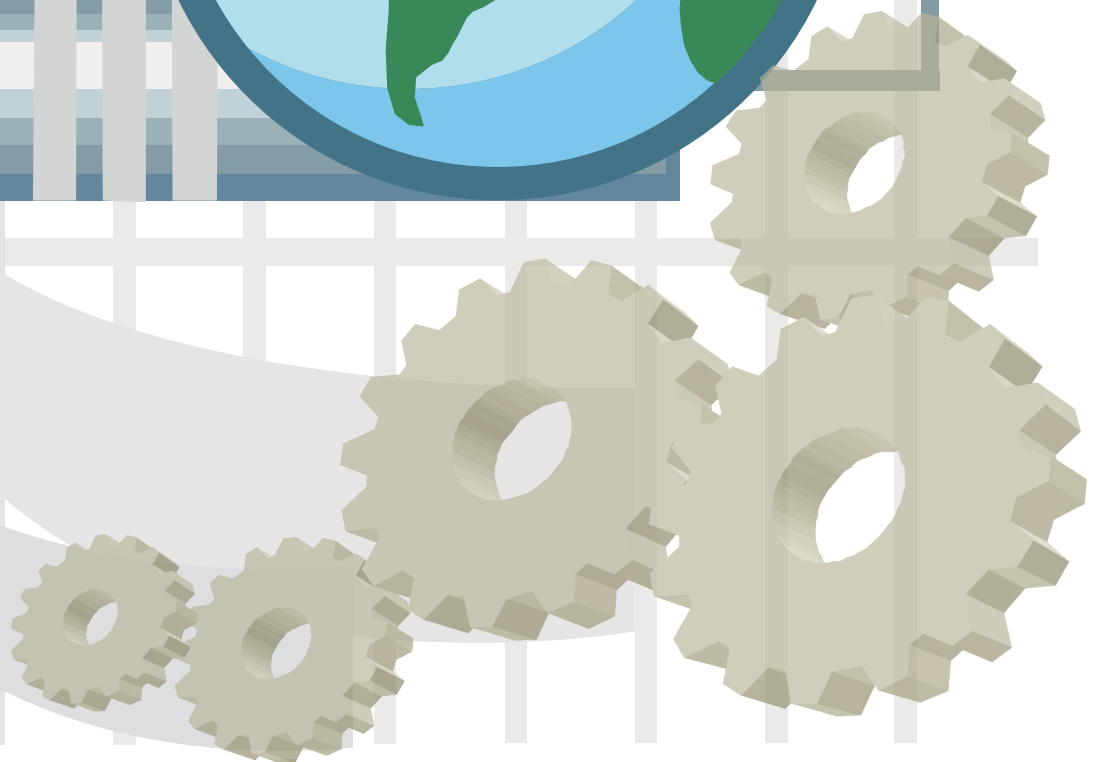


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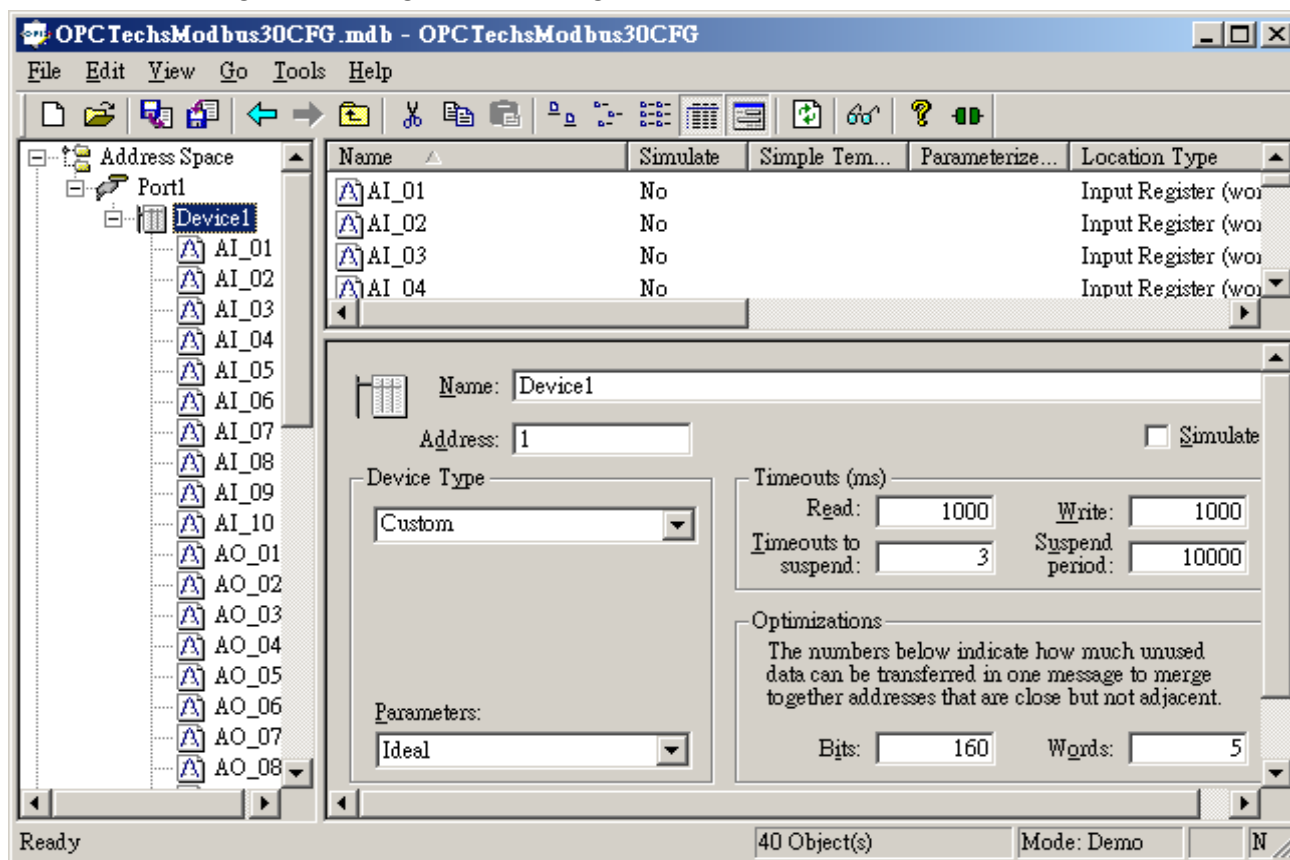
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Chapter 1

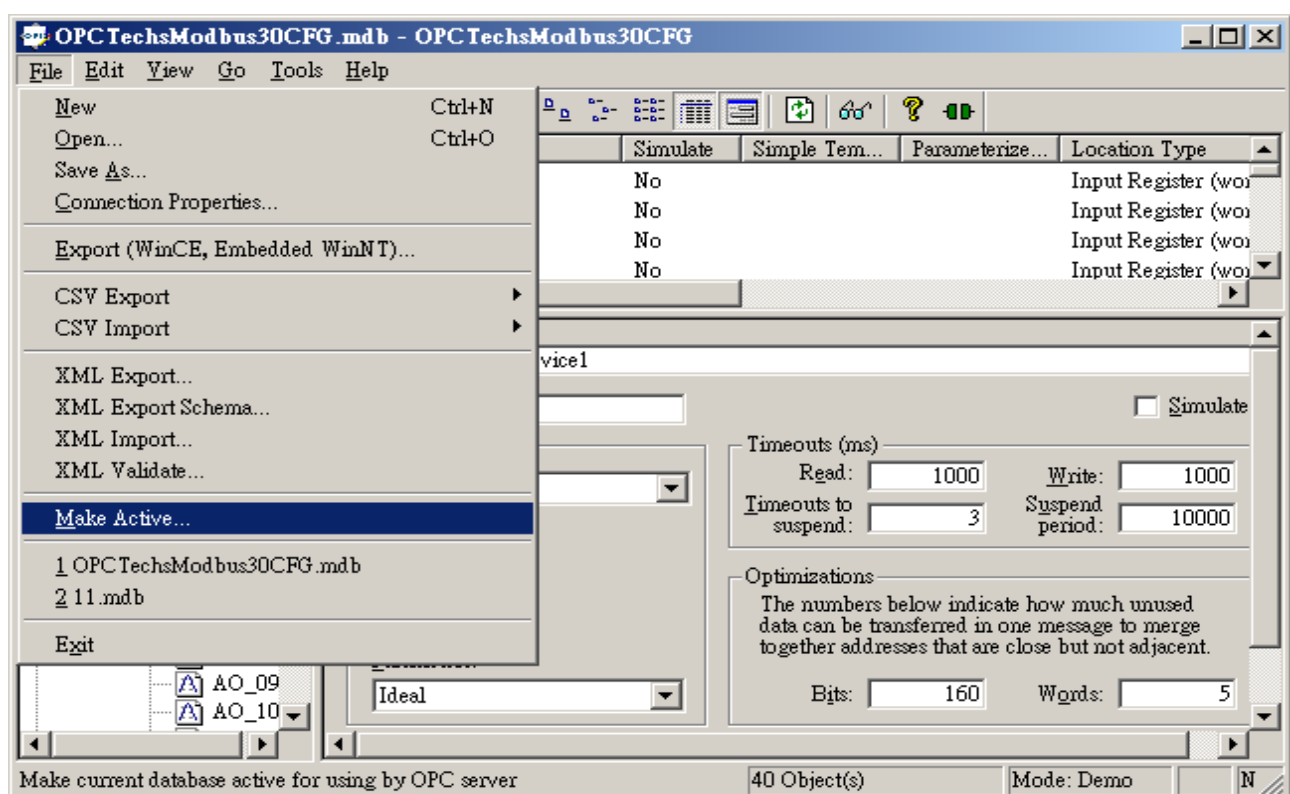
LabVIEW 8.2

1-1 OPC Server

Please create tags according to the Configuration Manual.

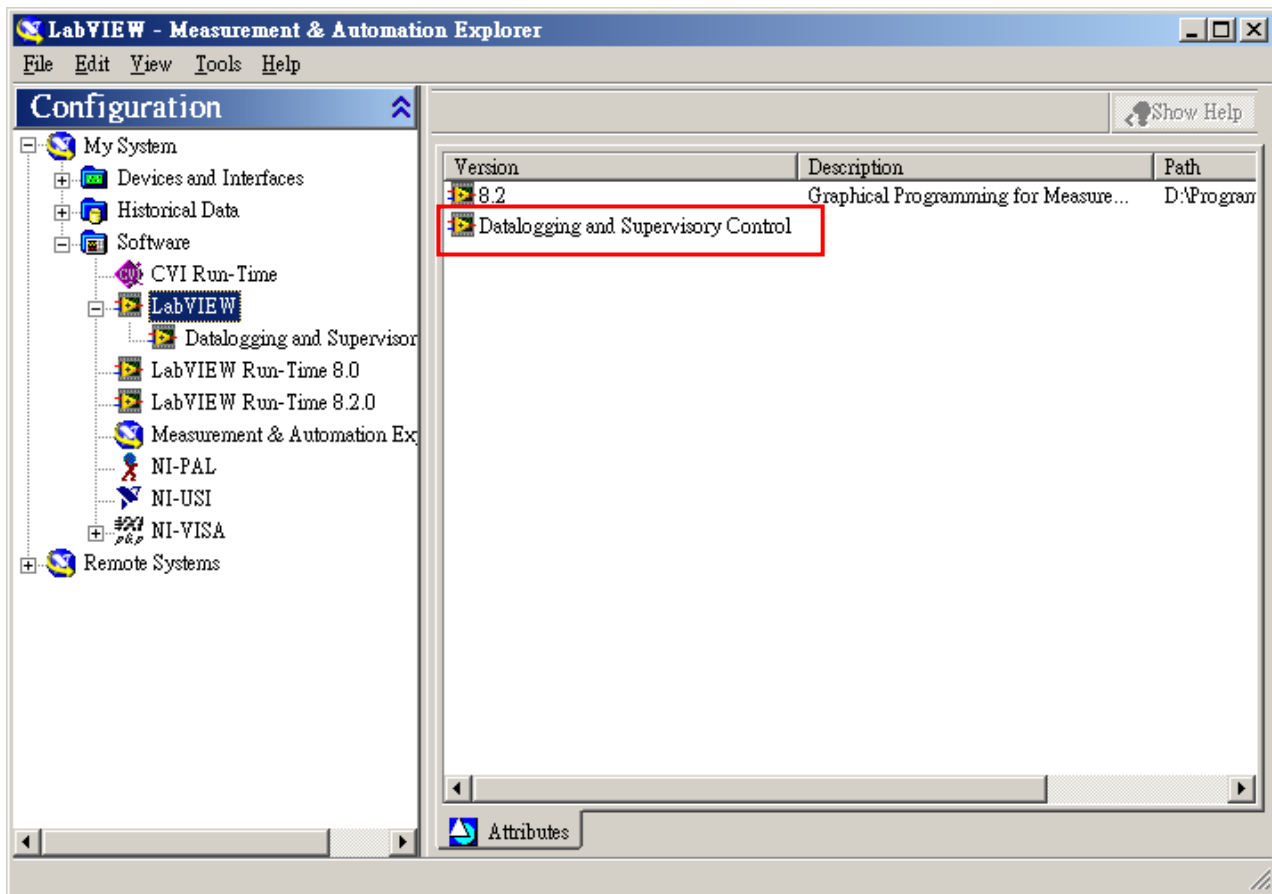


Later, click [File] → [Make Active] to activate new created configuration file.



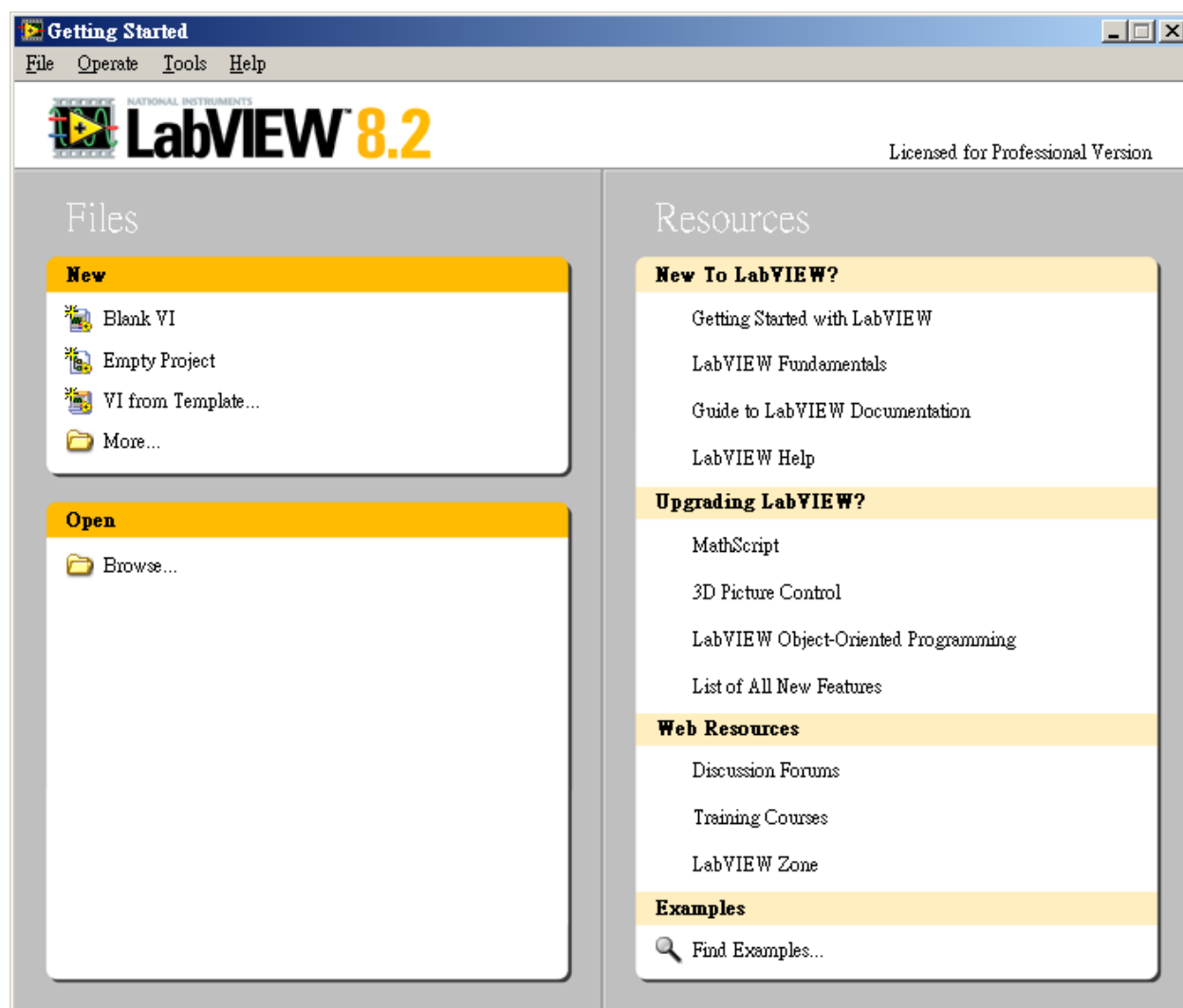
1-2 Connect OPC Client to OPC Server through LabVIEW 8.2

To confirm if DSC Module has already been installed, please click [Start] → [Programs] → [National Instruments] → [Measurement & Automation]

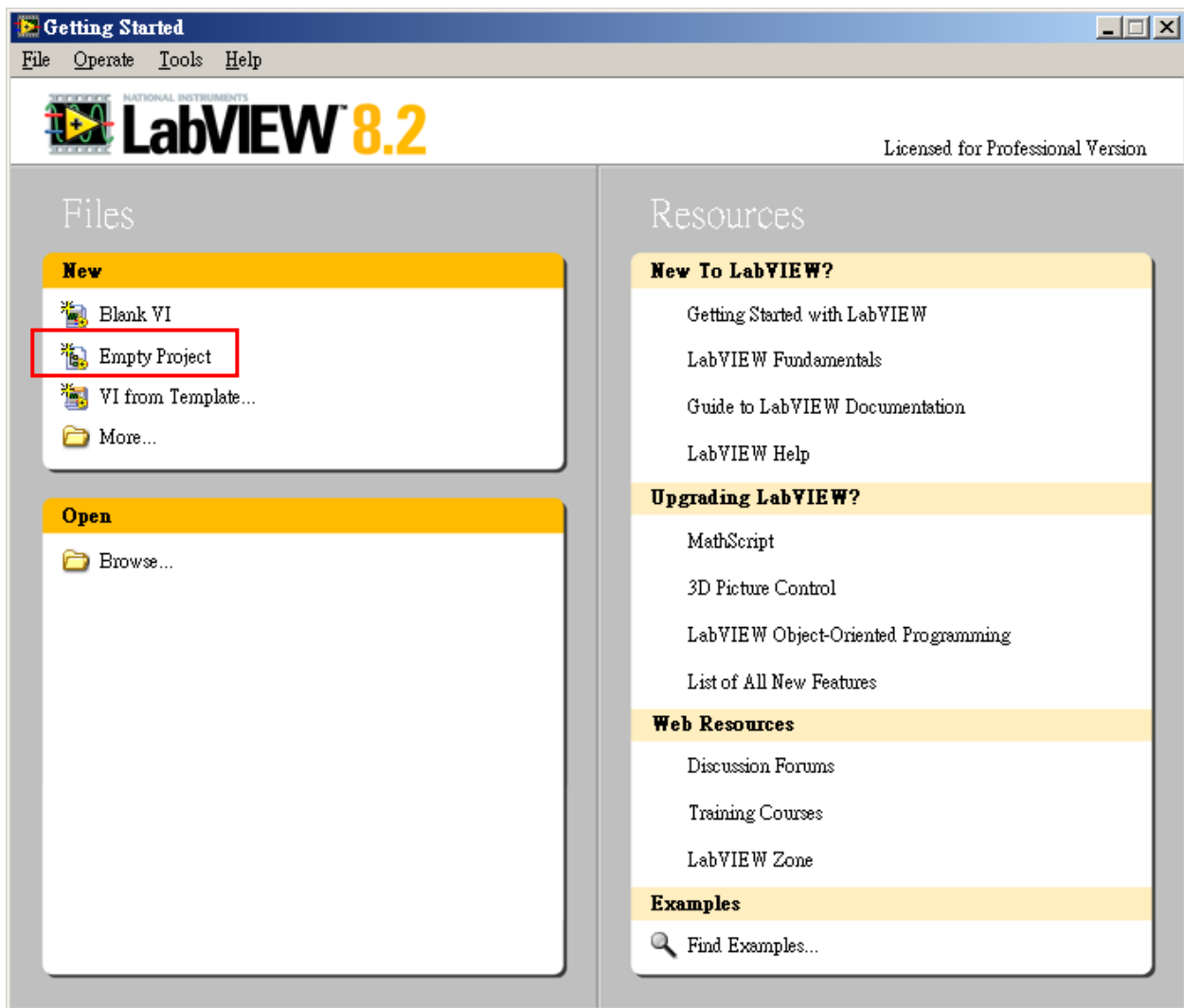


Note: DSC Module (Datalogging and Supervisory Control) should be installed first, so that OPC Client could work normally.

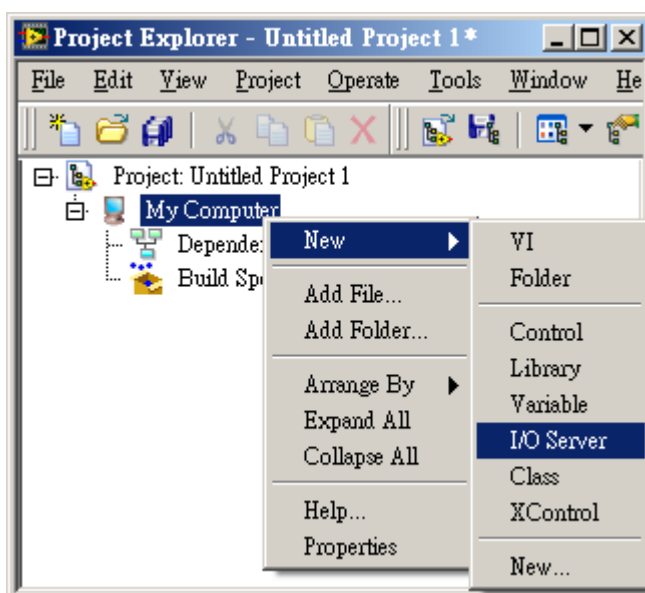
[Start] → [National Instruments LabVIEW 8.2] to start LabVIEW 8.2



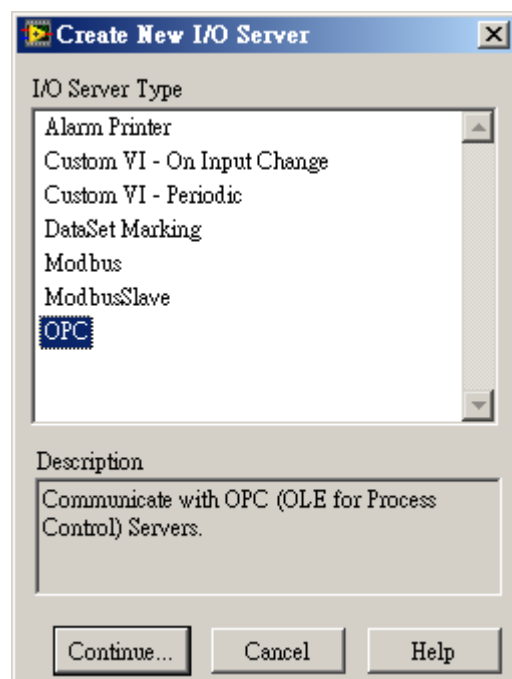
Please select [Empty Project].



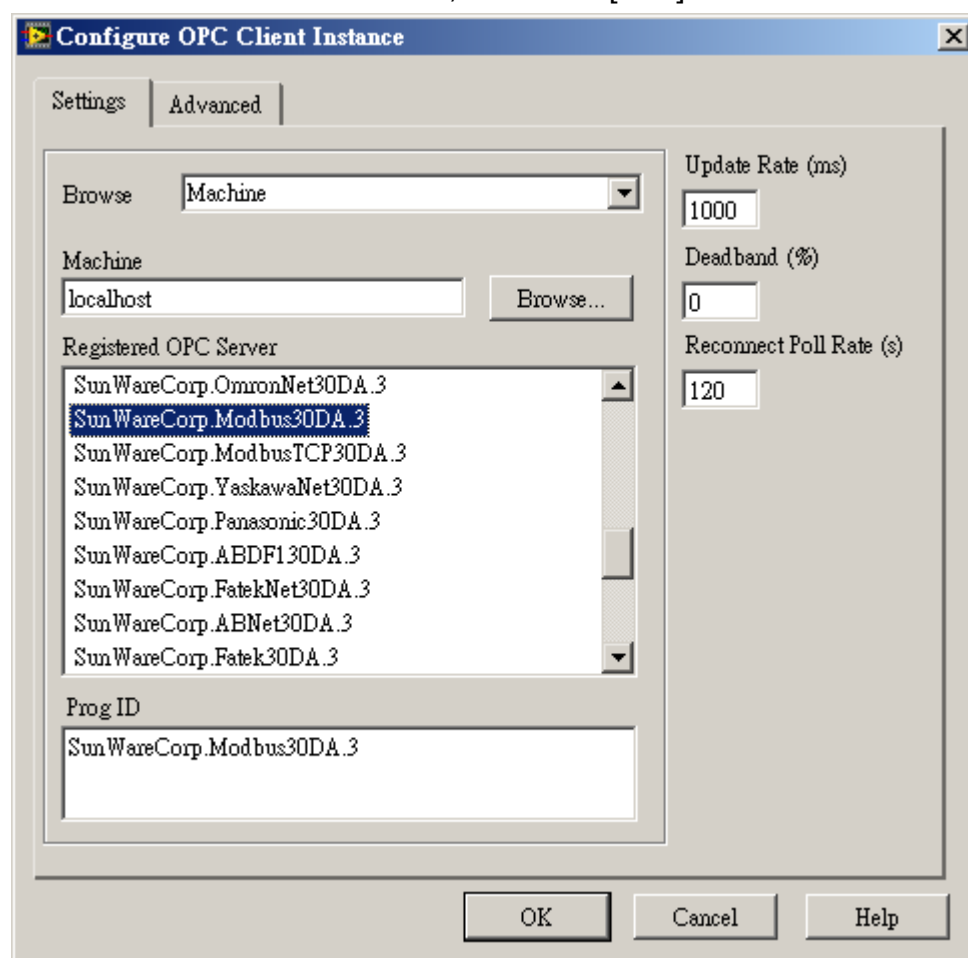
On the tree view, please click [My Computer] and then press the right key select [New] → [I/O Server]



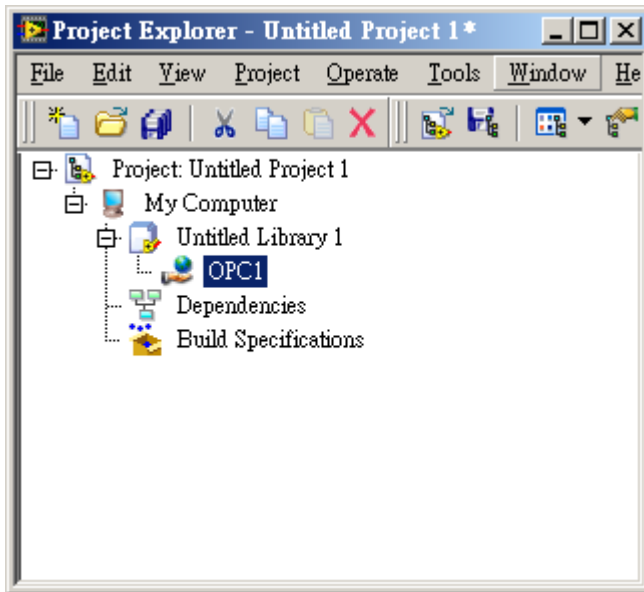
Select the OPC you need and then click [Continue].



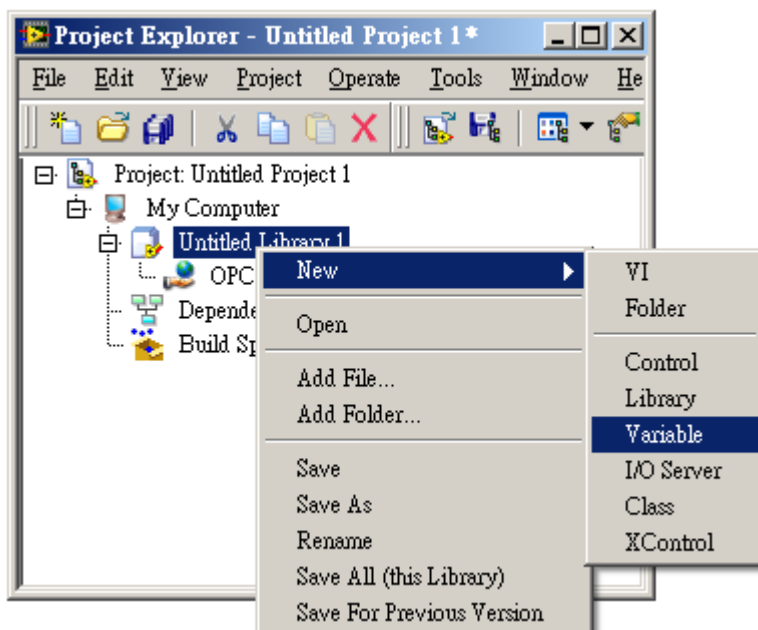
Please select “Modbus30DA.3”; then click [Ok].



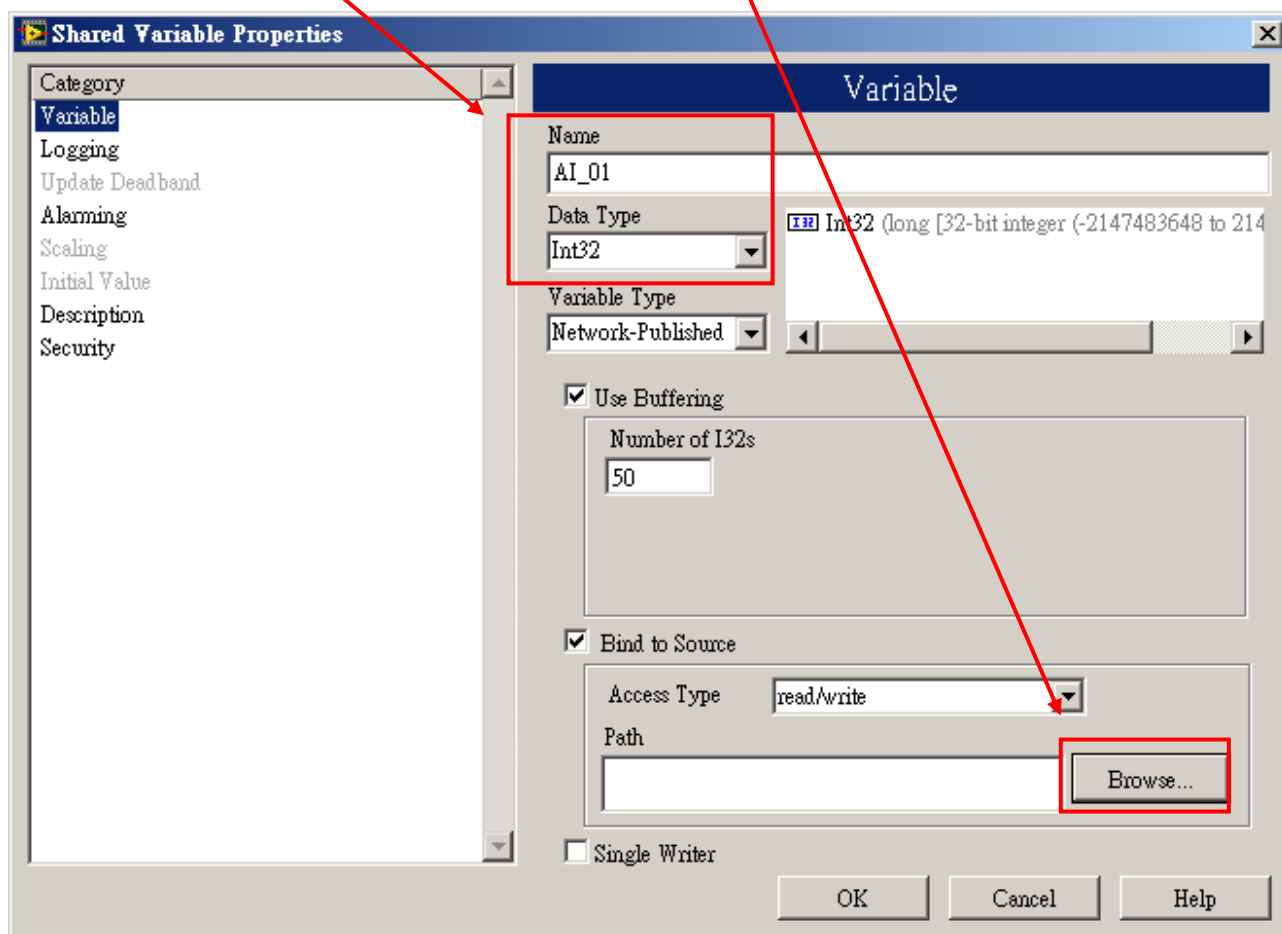
Item “OPC1” means the OPC Server you have just selected.



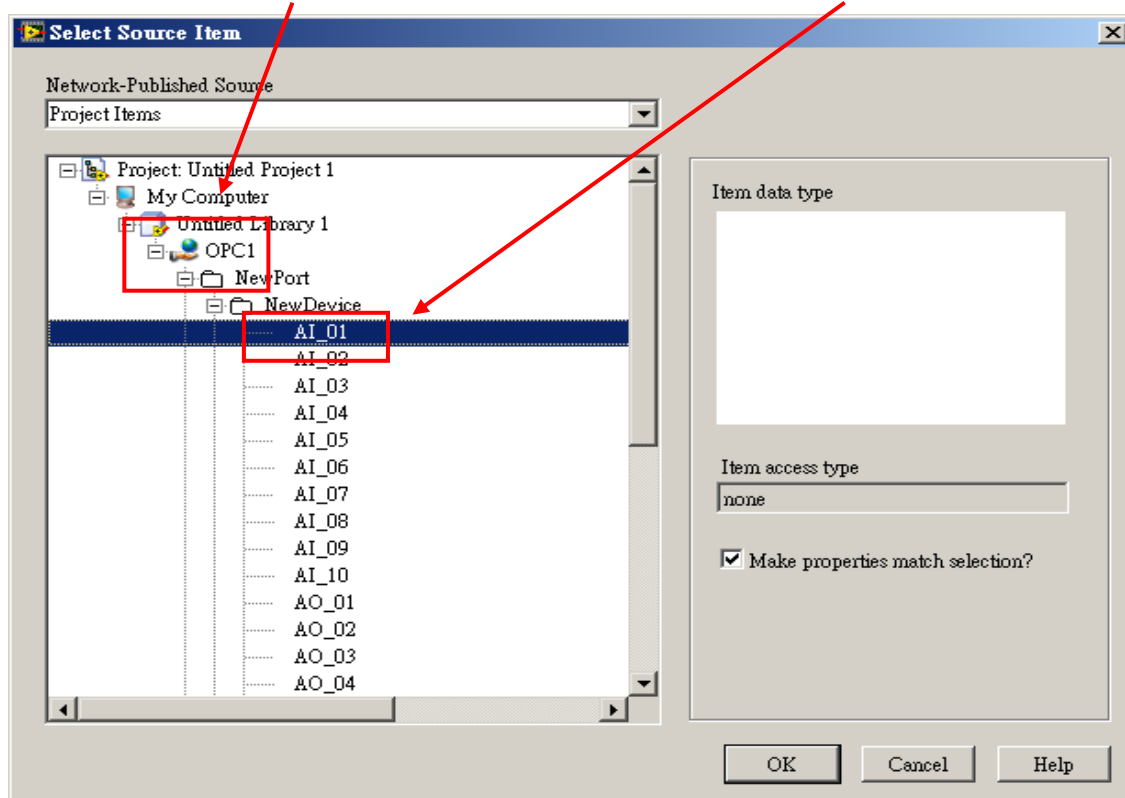
Click [Untitled Library 1] ; then press the right key to select [New] → [Variable].



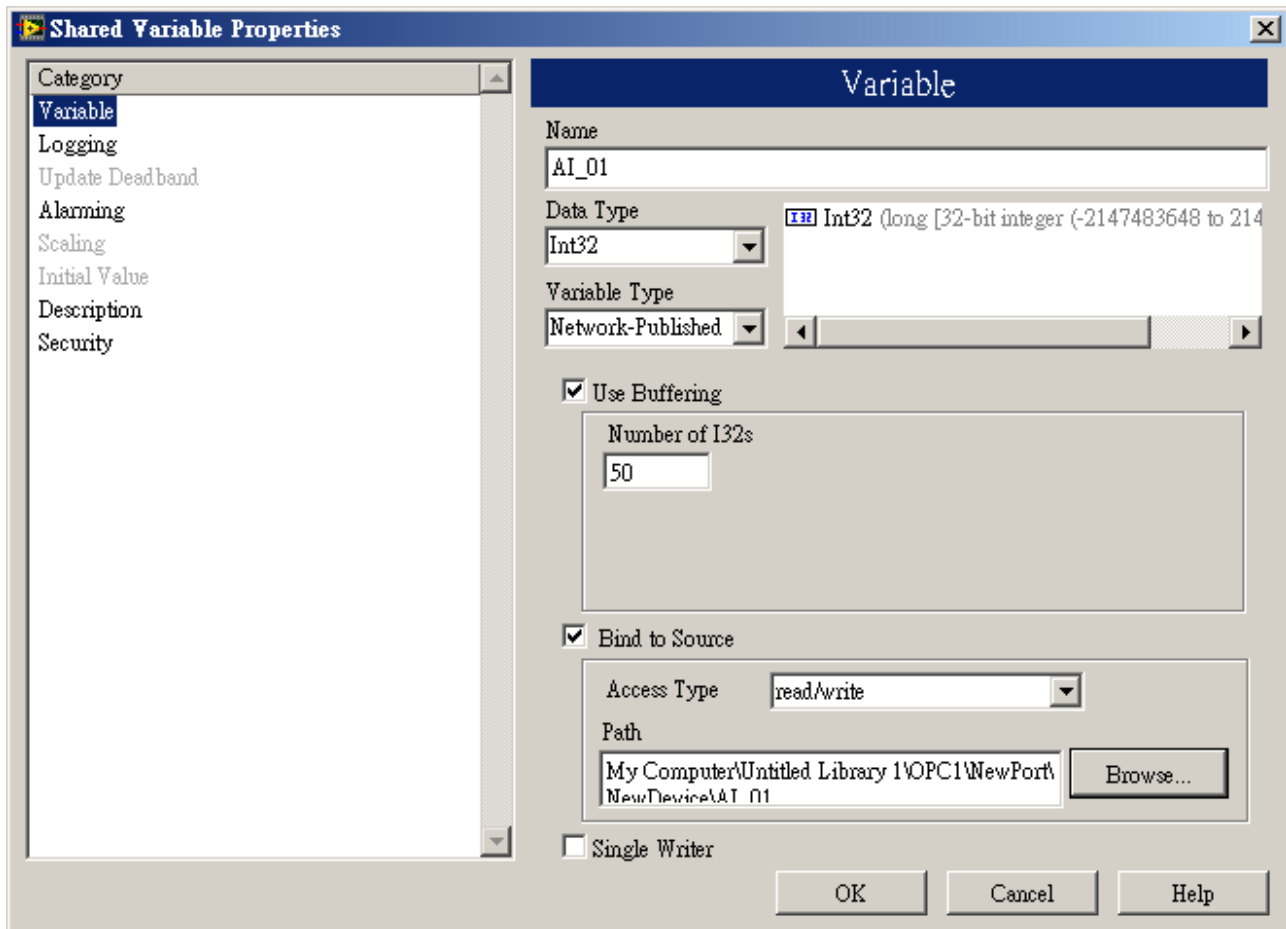
Edit the Tags' name and data type. Then, click [Browse...] to display all the OPC Server.



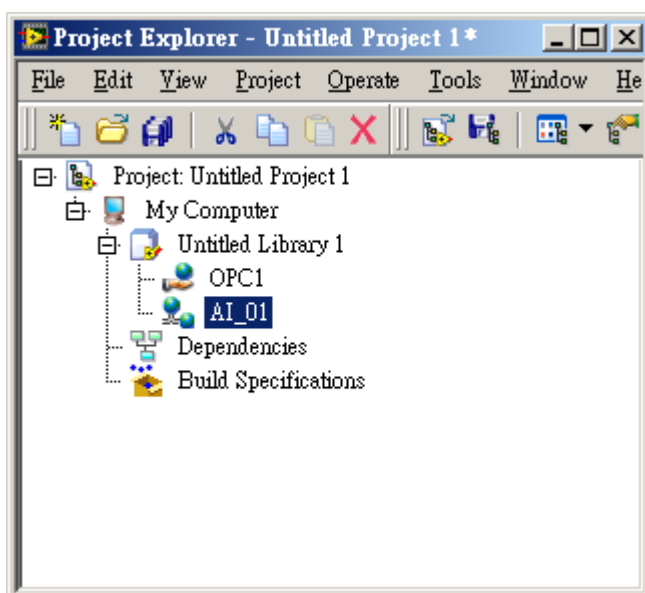
Please select " OPC1 " to show up the data items.



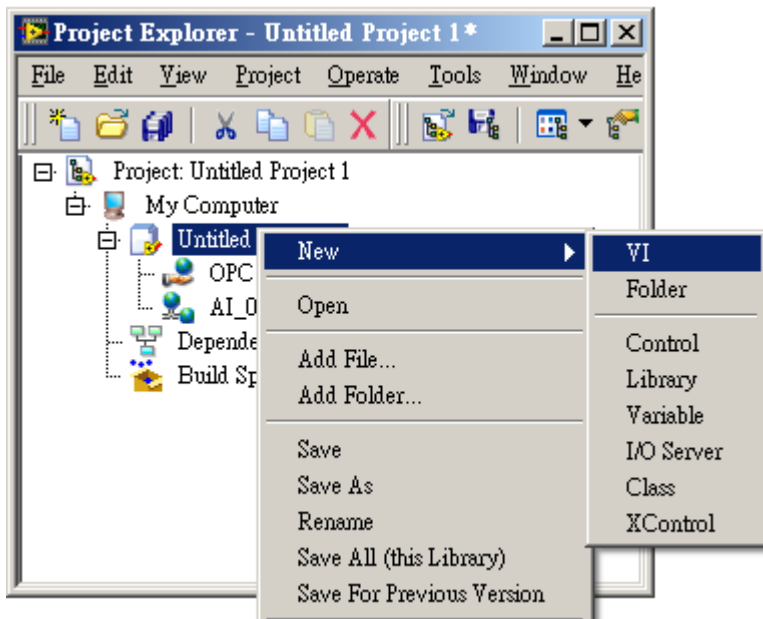
Set up all the parameters; then click [OK].



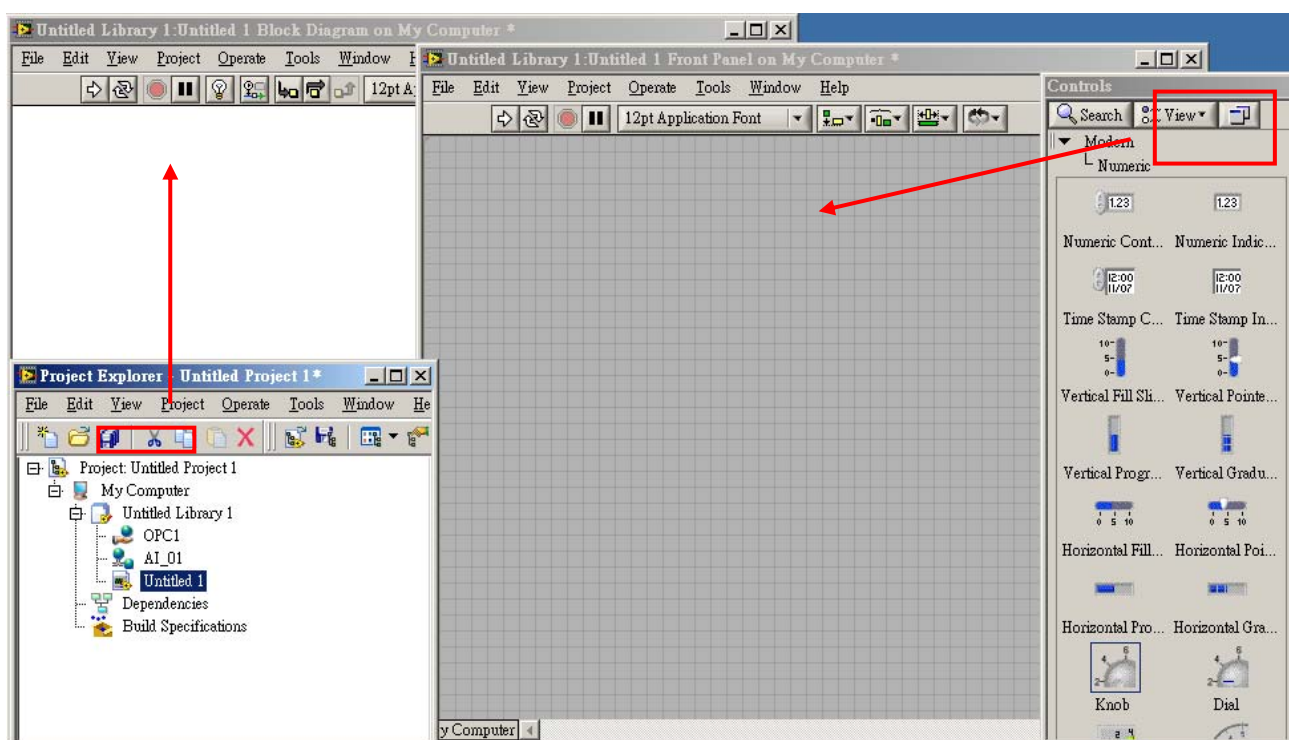
Later on, the tag, "AI_01", you have just edited will be created.



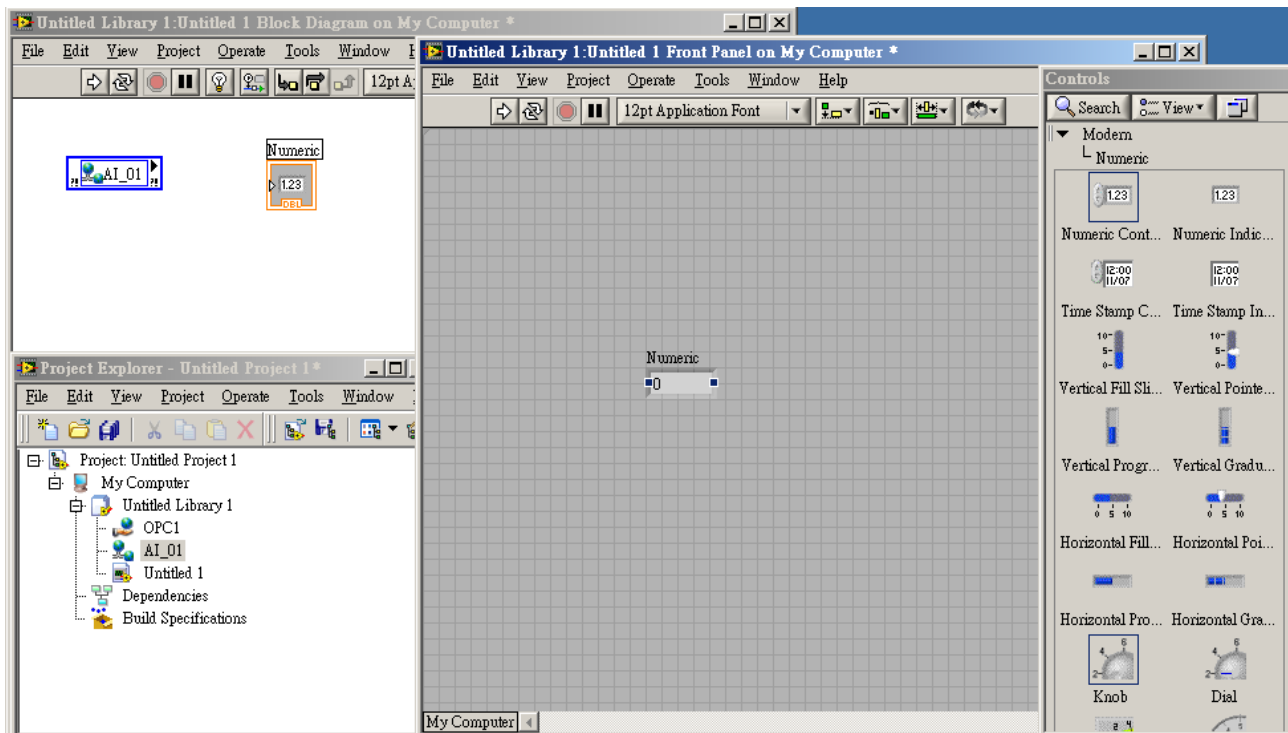
Click [Untitled Library 1]; press the right key selecting [New] → [VI]



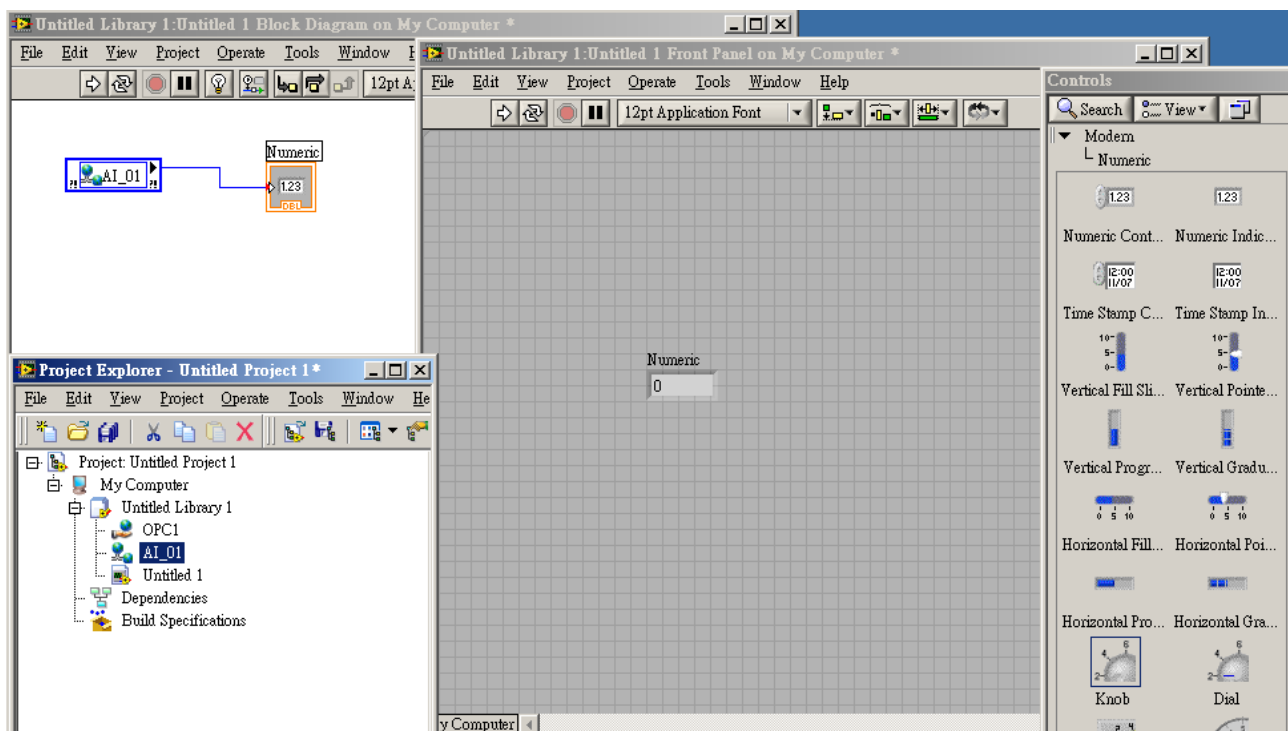
Drag the “AI_01” from Pronect Explorer to Block Diagram, and then move “Number Indicator” from Controls to Front Panel



Create link with tag “AI_01” and Numeric.



Complete setting process.



Run the project to confirm the program works normally.

