

Product:

ADAM-5000/TCP, ADAM-6000 Series Modules

Topic:

Accessing ADAM-5000/TCP and ADAM-6000 Series through Modbus VI in LabView

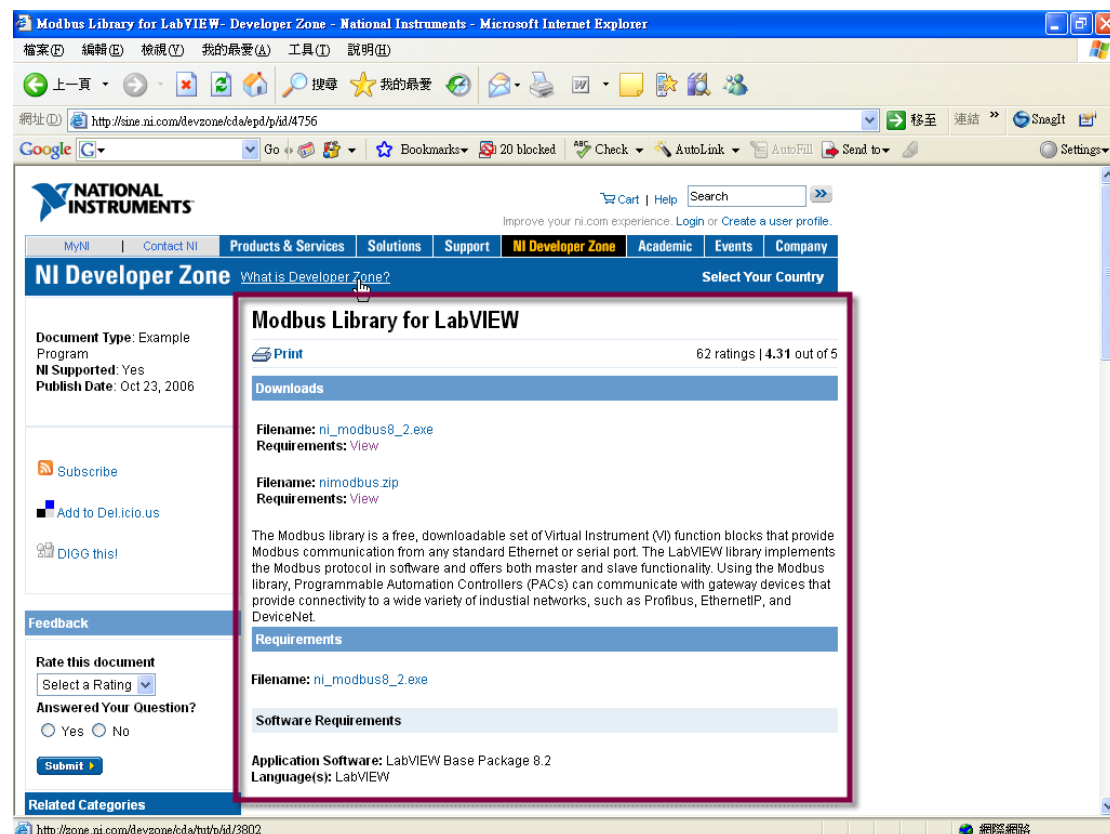
Description:

This document gives the procedure to access the ADAM-5000/TCP and ADAM-6000 series modules through the Modbus VI in LabView.

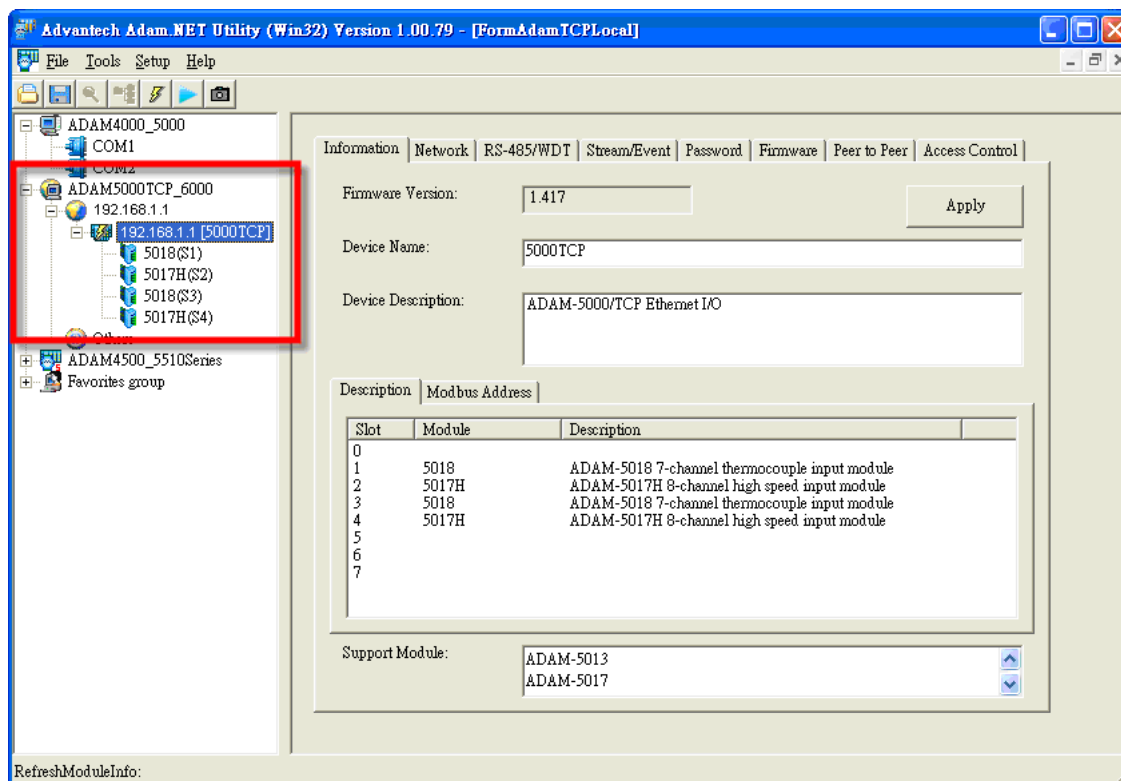
Solution:

1. First, connect the ADAM-5000/TCP or ADAM-6000 series modules to the host PC and make certain that the Modbus VI is installed in LabView. If the Modbus VI is not installed, please download it from the NI Web page.

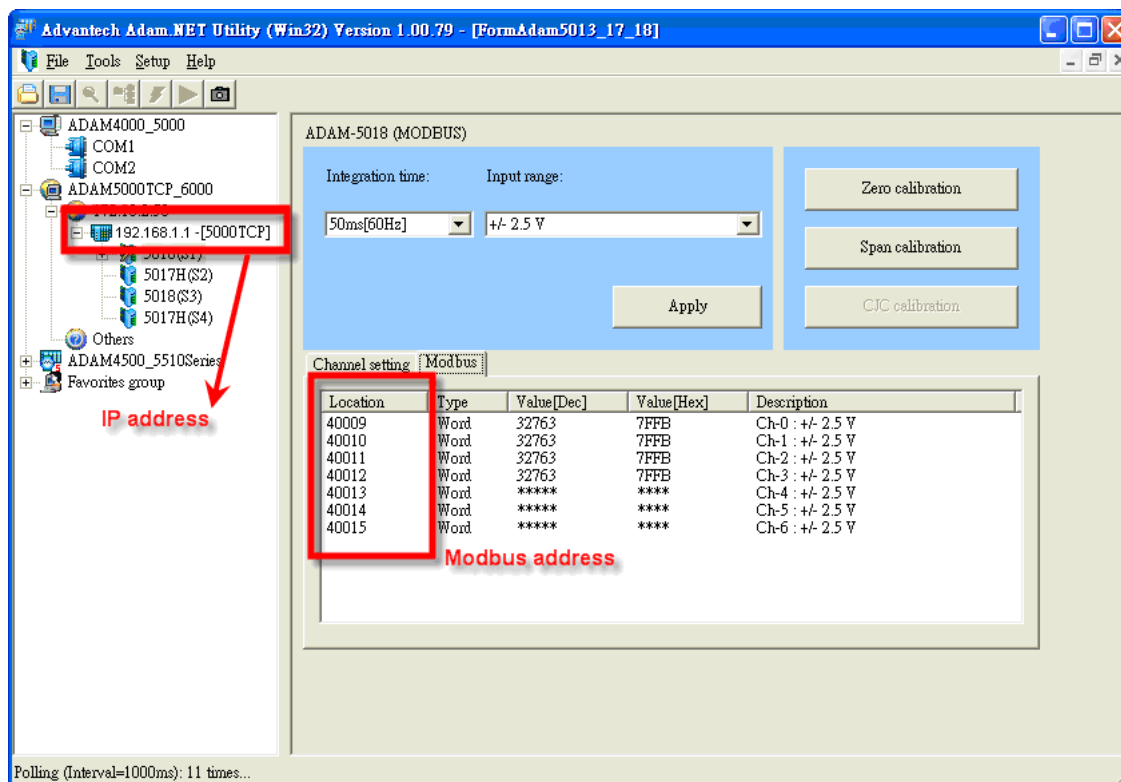
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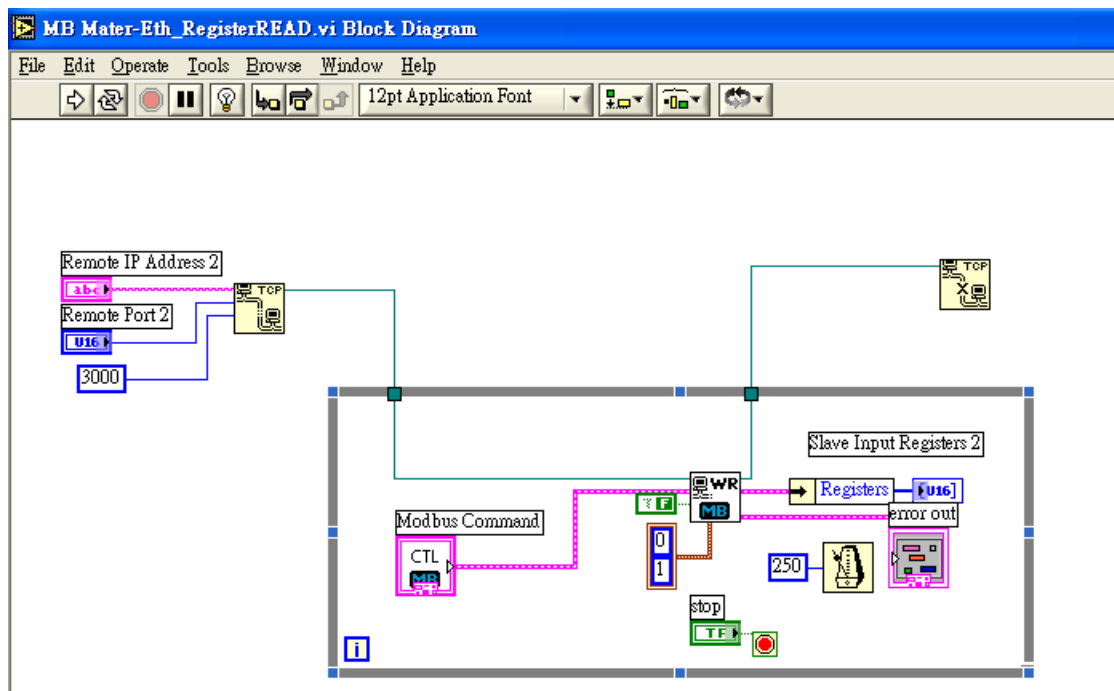
2. Use the Advantech ADAM.NET Utility to access the ADAM-5000/TCP or ADAM-6000 series modules.



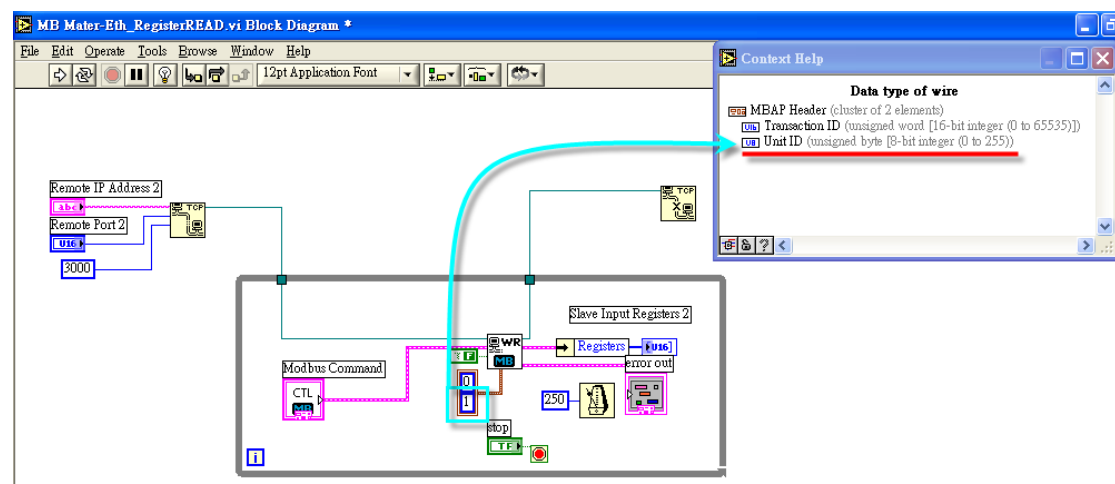
3. Check the IP address of the ADAM-5000/TCP or ADAM-6000 and the Modbus address of each module.



4. There are many Modbus examples and here please consider the “MB Mater-Eth_RegisterREAD” LabView example program below.



5. Please note that the “Unit ID” should be set “1” in order to enable the ADAM-5000/TCP modules to work normally.



- Set the IP address and the Modbus address noted before as below.

Once completed, the program will access the values of the ADAM-5000/TCP and ADAM-6000 series modules continuously.

