ANC-100e and ANC-120e Ethernet and USB to DH+ Adapters

Automation Networks

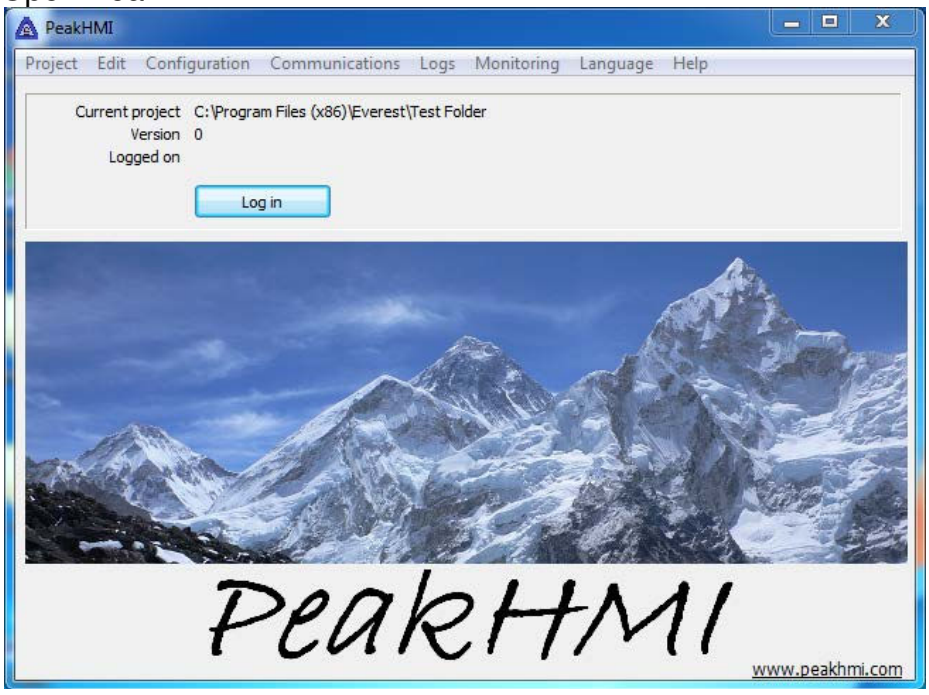
PeakHMI App Note

This document provides information to configure PeakHMI to communicate with a DH+ network from a computer with an ANC-120e USB to Data Highway Plus adapter or ANC-100e Ethernet to Data Highway Plus adapter.

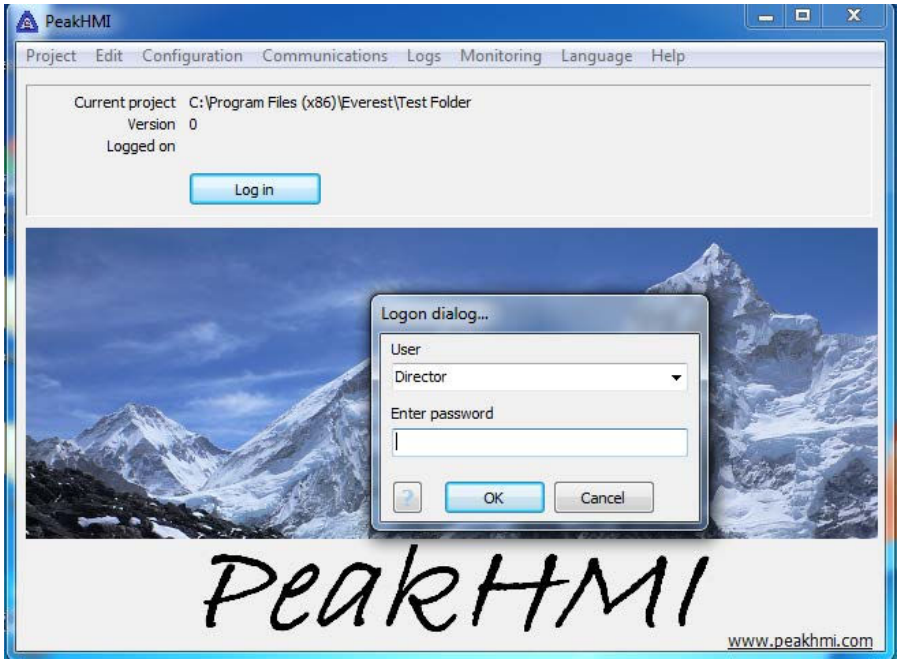
Note: Before proceeding, make sure

- ✓ ANC-120e Driver is installed *(Only if using ANC-120e)*
- ✓ Network adapter is correctly configured to access ANC-120e or ANC-100e
- ✓ ANC-120e is connected to the computer and DH+ network or ANC-100e is connected to the same Ethernet network or directly to your computer, and to the DH+ network.

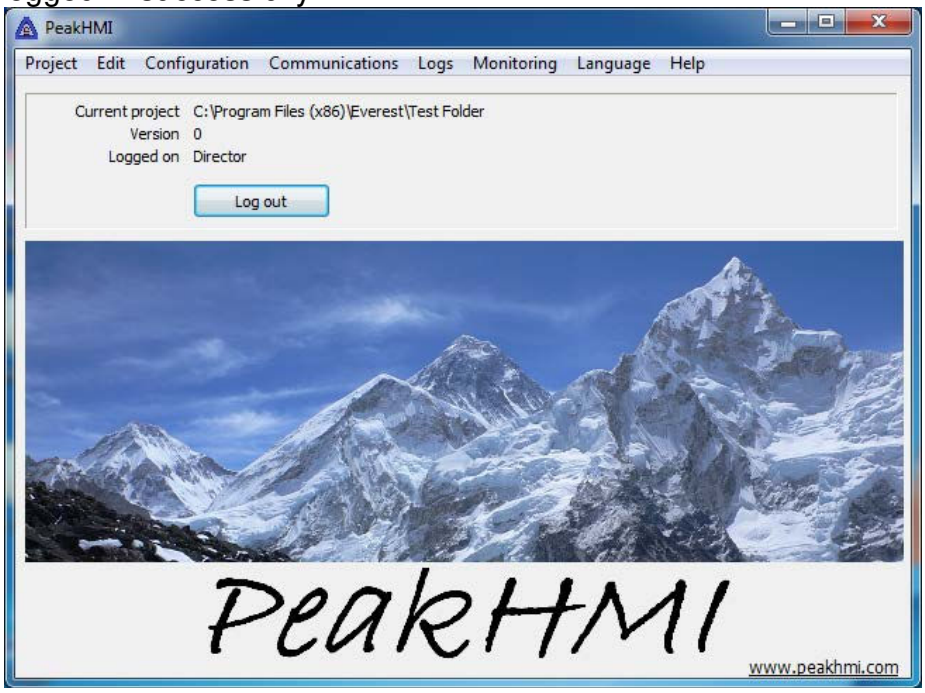
1. Open PeakHMI



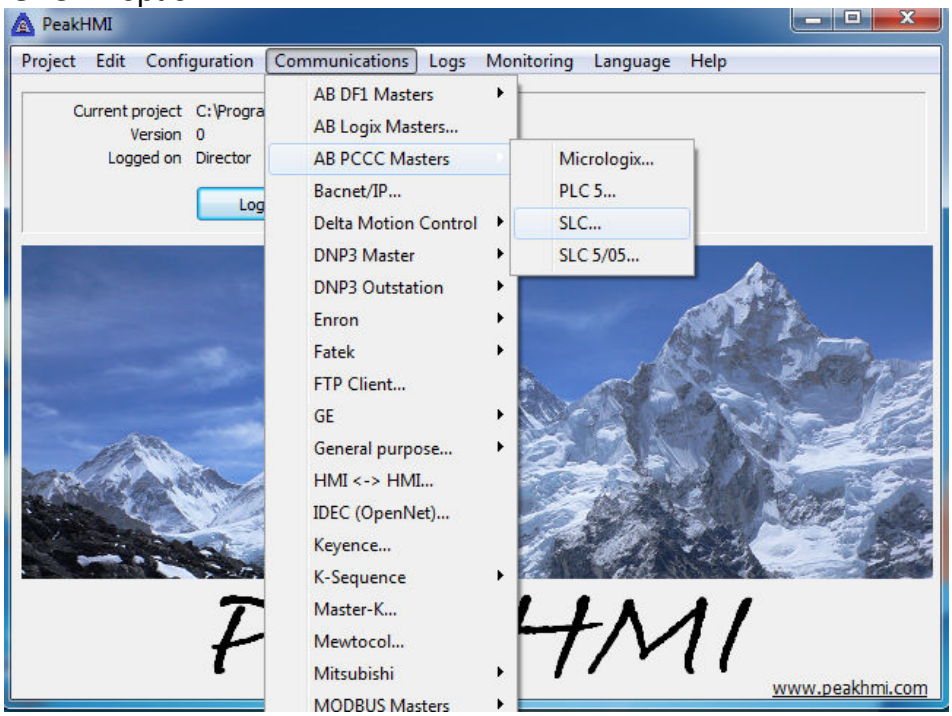
2. Click on "*Log in*",
3. You will be prompted for user name and password.
   If you have not configured one yet, enter user name "*Director*" with empty password
4. Click "*OK*"



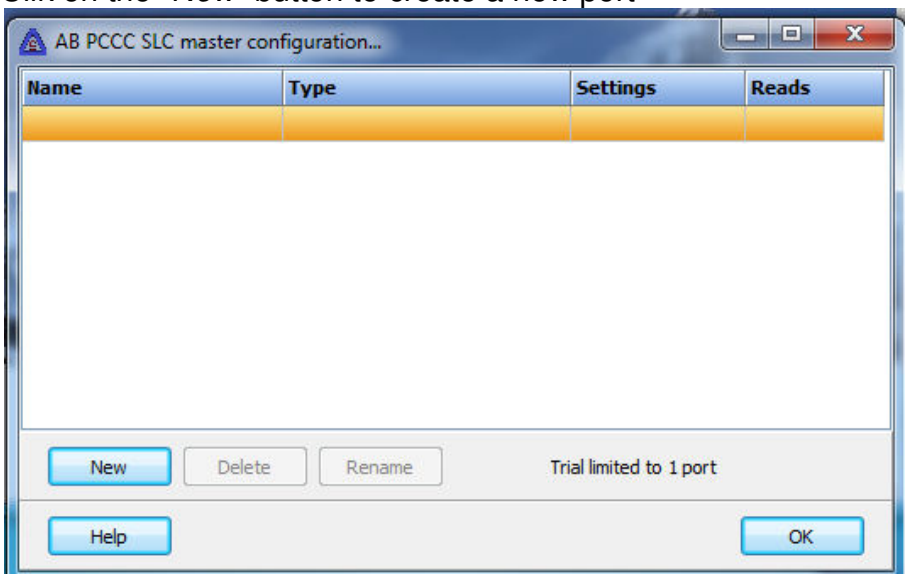
5. You should see that the "*Log out*" button appears, indicating that you have logged in successfully.



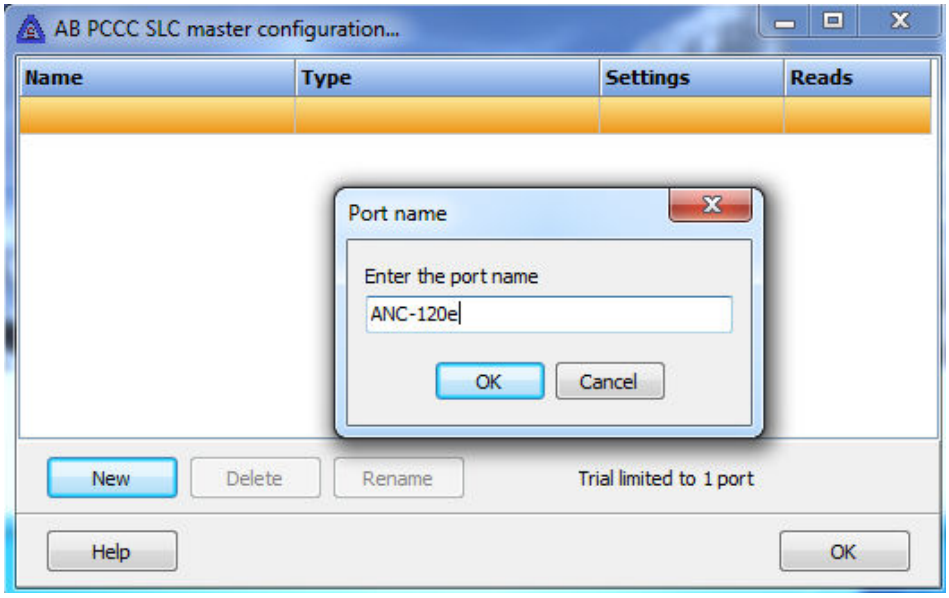
6. Open "*Communication*" menu and locate "*AB PCCC Masters*", then click on "*SLC...*" option



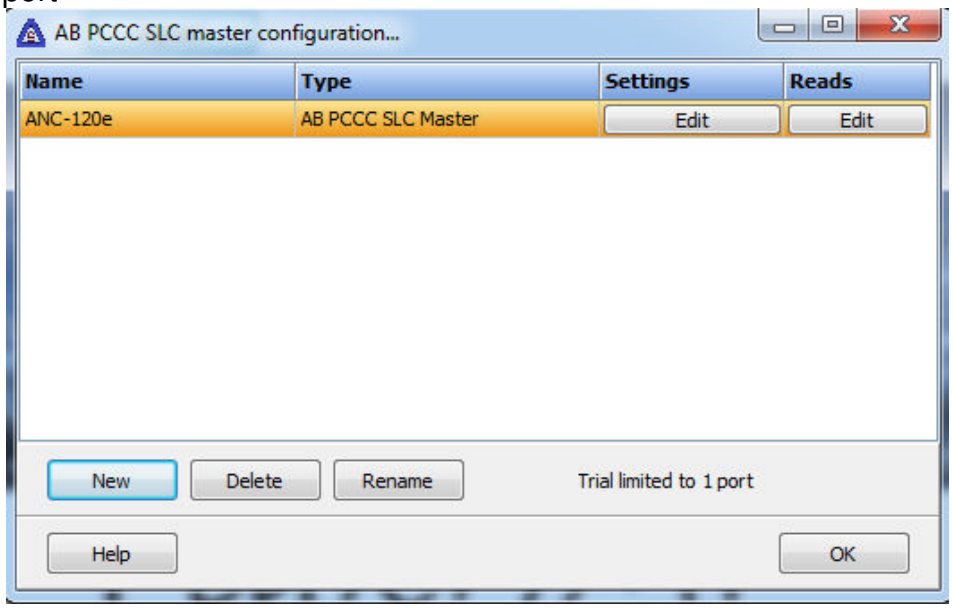
7. Clik on the "*New*" button to create a new port



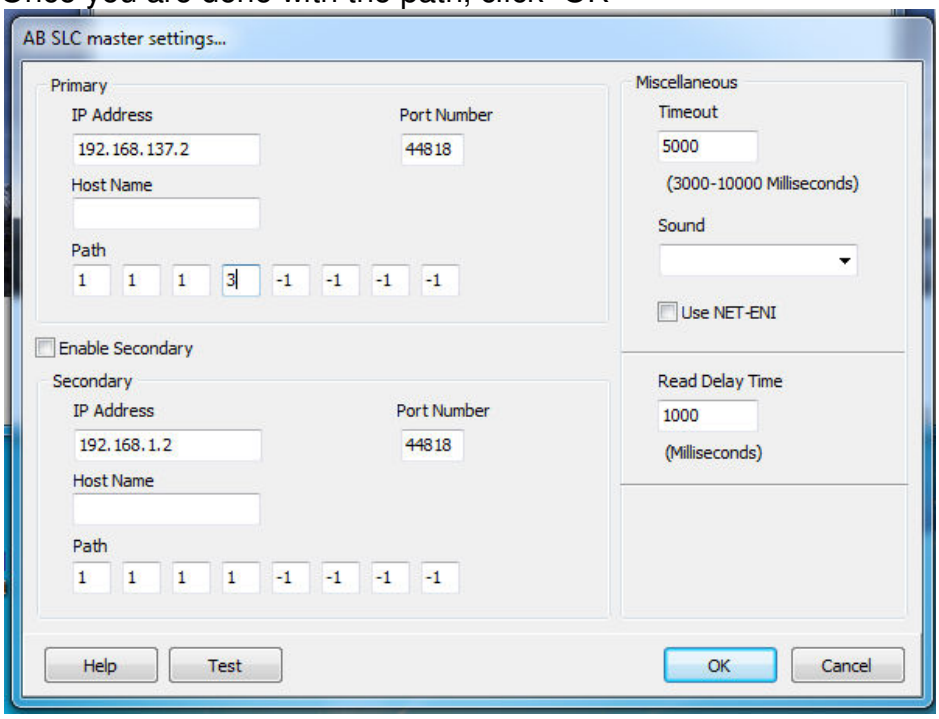
8. When prompted, enter a meaningful name for the port
9. Clik "*OK*"



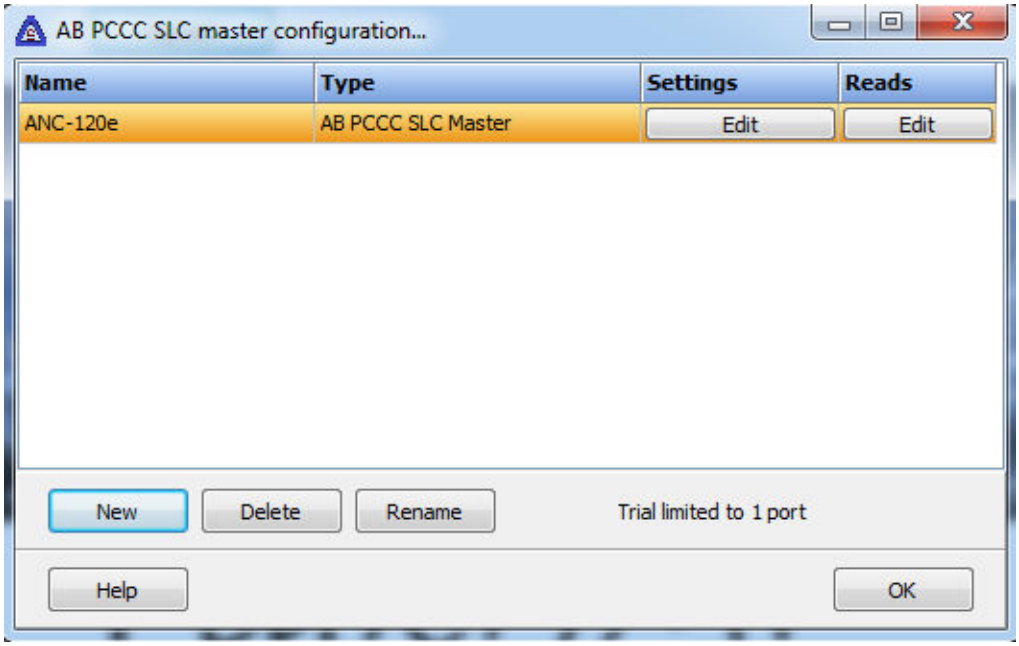
10. Once the port is created, click on the "*Edit*" button in the "*Settings*" column of the port



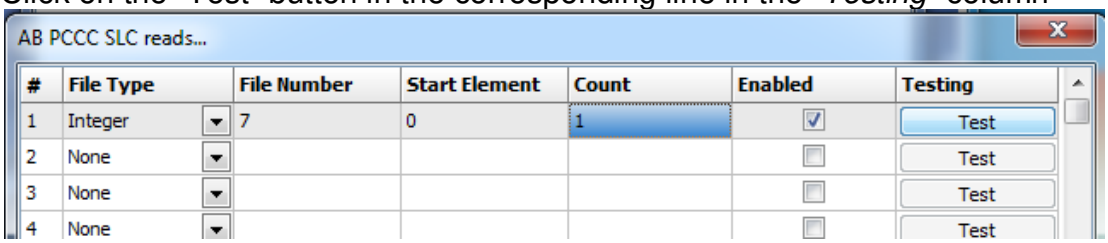
11. In the “Primary” section, enter the IP address of the ANC adapter in the “*IP Address”* field
12. “*Host Name*” can be blank
13. “Path” should be *1 1 1 Target_DH+_Node -1 -1 -1 -1*
    (In our case the DH+ PLC is in node 03)
14. Once you are done with the path, click “OK”



15. Click on the “*Edit”* button under the “*Reads”* column



16. Perform a test by configuring one read operation with an address of known value as follows. (In our example we know N7:0 has a value of 1616)
17. Using the corresponding columns:
    a. Set the correct "File Type"
    b. Set the correct "*File Number*"
    c. Set the "*Start Element*" to read
    d. Set the "*Count*" of elements to read
18. Click on the corresponding checkbox in the "*Enabled*" column to enable it
19. Click on the "Test" button in the corresponding line in the "*Testing*" column



20. With this we can confirm that we are connected to the DH+ PLC using ANC-120e or ANC-100e DH+ adapter