

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



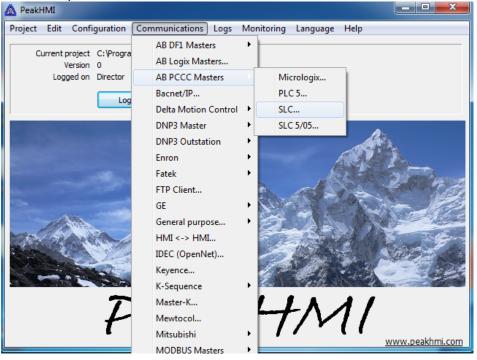
- 2. Click on "Log in",
- You will be prompted for user name and password. If you have not configured one yet, enter user name "*Director*" with empty password
- 4. Click "OK"

A Peak	IMI									x
Project	Edit	Configuration	Communications	Logs	Monitoring	Language	Help			
a	Ń	/ersion 0 ged on	m Files (x86)\Everest\ g in	(Test Fo	lder					
				gon dia Jser Director Enter pa						
		Ŧ	Pear	k	ок ?//	Cancel	11	www.p	eakhm	<u>hi.com</u>

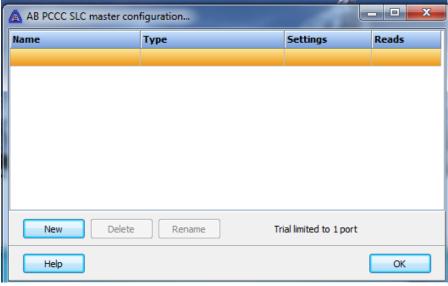
5. You should see that the "*Log out*" button appears, indicating that you have logged in successfully.



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*"

AB PCCC SLC master configuration									
Name	Туре	Settings	Reads						
	Port name Enter the port name ANC-120e	ancel							
New Delete	Rename	ial limited to 1 port							
Help			ОК						

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

figuration		
Туре	Settings	Reads
AB PCCC SLC Master	Edit	Edit
Rename Tria	al limited to 1 port	
	(
	l	ОК
ī	Type AB PCCC SLC Master	Type Settings AB PCCC SLC Master Edit

- 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"

AB SLC master settings		
Primary		Miscellaneous
IP Address	Port Number	Timeout
192.168.137.2	44818	5000
Host Name		(3000-10000 Milliseconds)
		Sound
Path		•
1 1 1 3	-1 -1 -1 -1	Use NET-ENI
Enable Secondary		
Secondary		Read Delay Time
IP Address	Port Number	1000
192.168.1.2	44818	(Milliseconds)
Host Name		(
Path		
1 1 1 1	-1 -1 -1 -1	
l		
Help Test]	OK Cancel

15. Click on the "Edit" button under the "Reads" column

AB PCCC SLC master cont	figuration	_	
Name	Туре	Settings	Reads
ANC-120e	AB PCCC SLC Master	Edit	Edit
New Delete	Rename	al limited to 1 port	
Help		(ОК

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

AB PCCC SLC reads									
#	File Type		File Number	Start Element	Count	Enabled	Testing 4		
1	Integer	•	7	0	1	V	Test		
2	None	•					Test		
3	None	•					Test		
4	None	•					Test		

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

	1	Integer	•	7	0	1	V		[est]
e	2	None	•					1	Test
AB	PCCC	SLC Reads Tes	ting]
Address 15 - 0 Value :								Value : Int	
N7	:0		000	00 0110 0101 0000				1616	
<u> </u>									
F	lead s	success: 17			Exit				