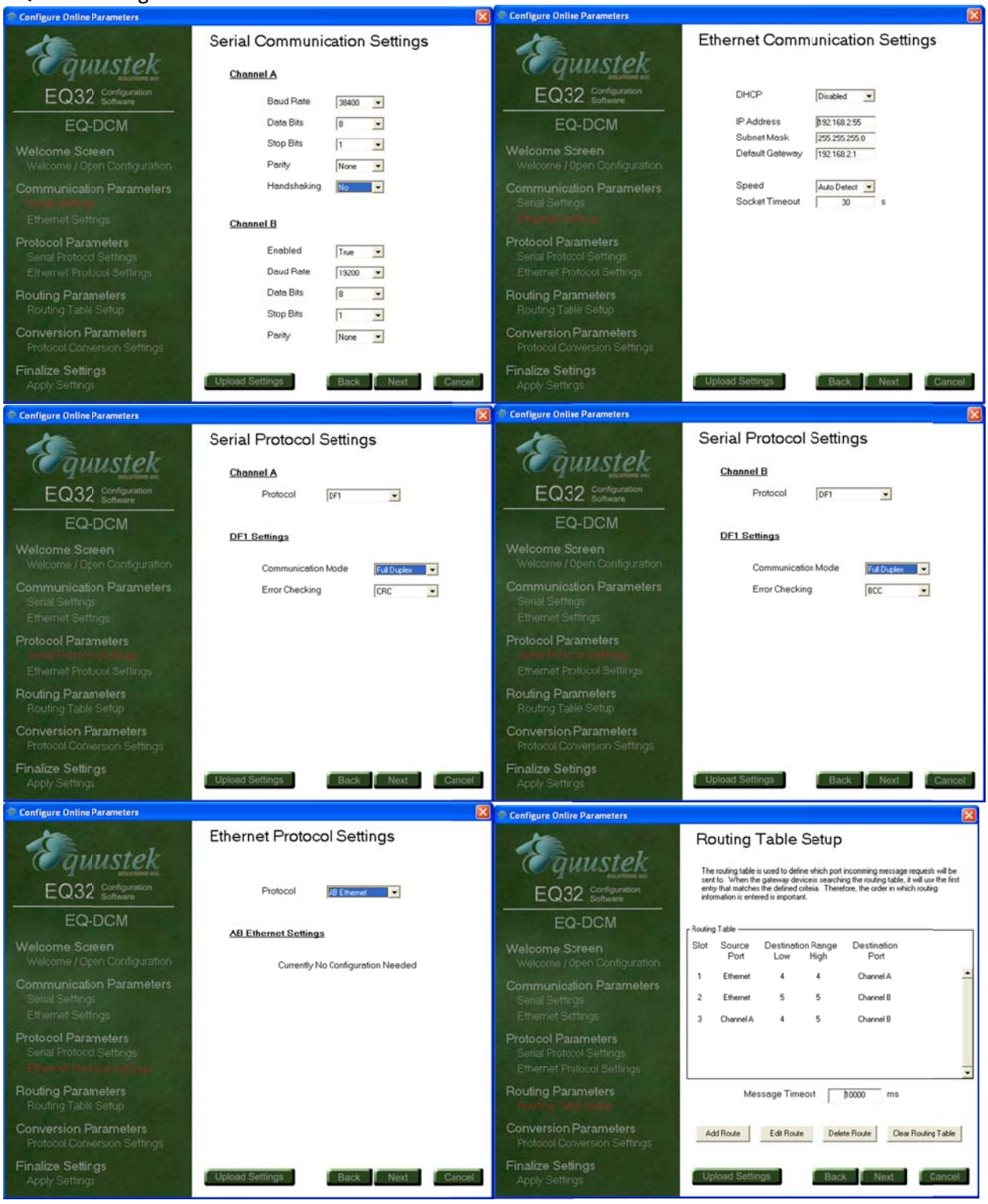
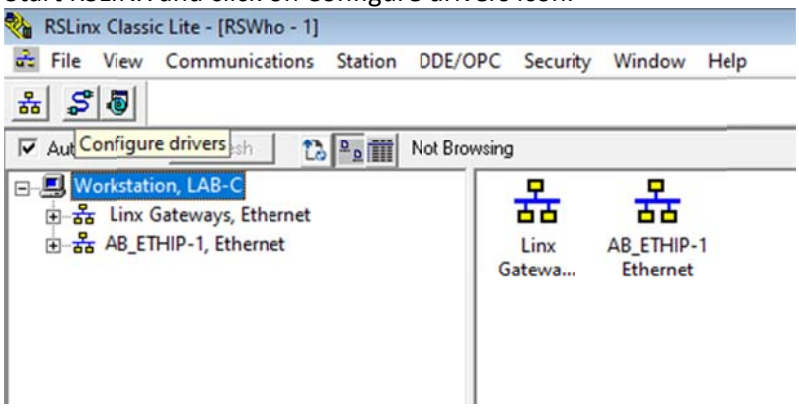
EQ-DCM to MicroLogix & SLC500 Using RSLINX RSLOGIX500 & AB Ethernet IGS driver

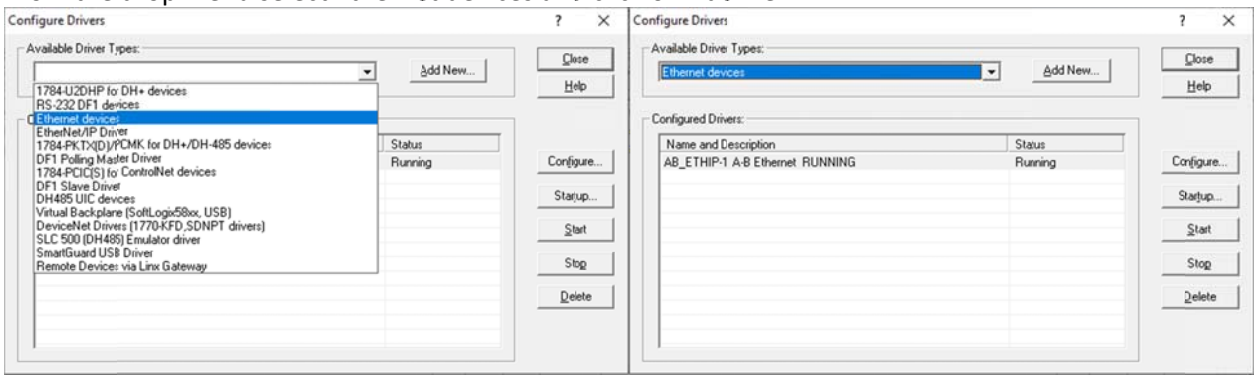
EQ-DCM Configuration MLX on DF1 CHA and SLC503 on DF1 CHB



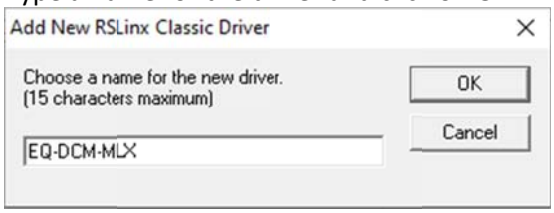
Start RSLINX and click on Configure drivers icon.



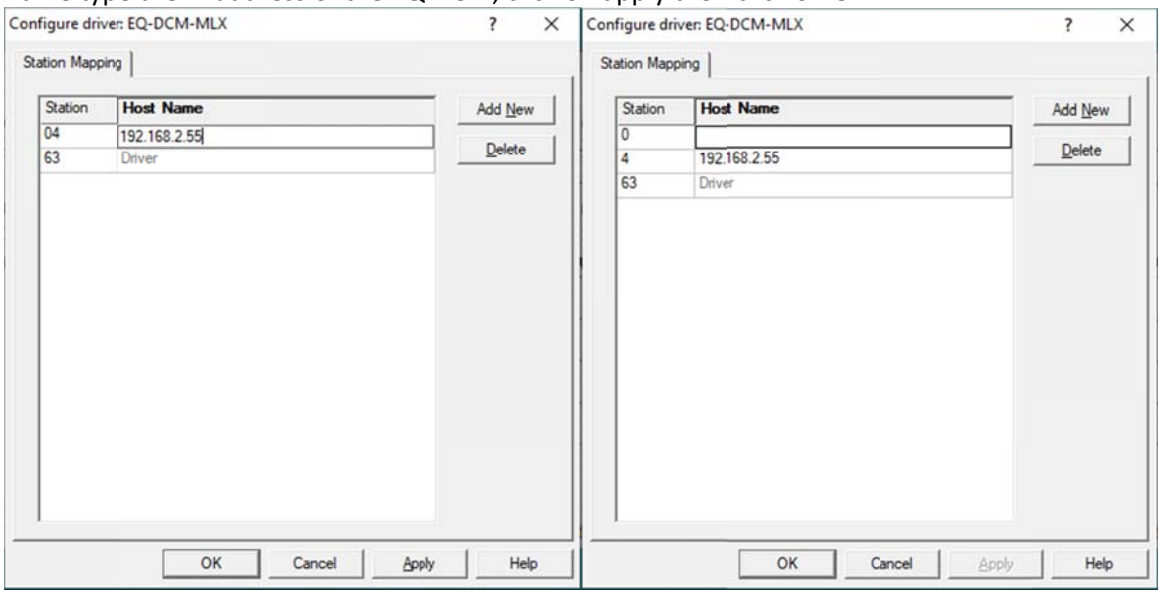
From the drop menu select Ethernet devices and click on Add New



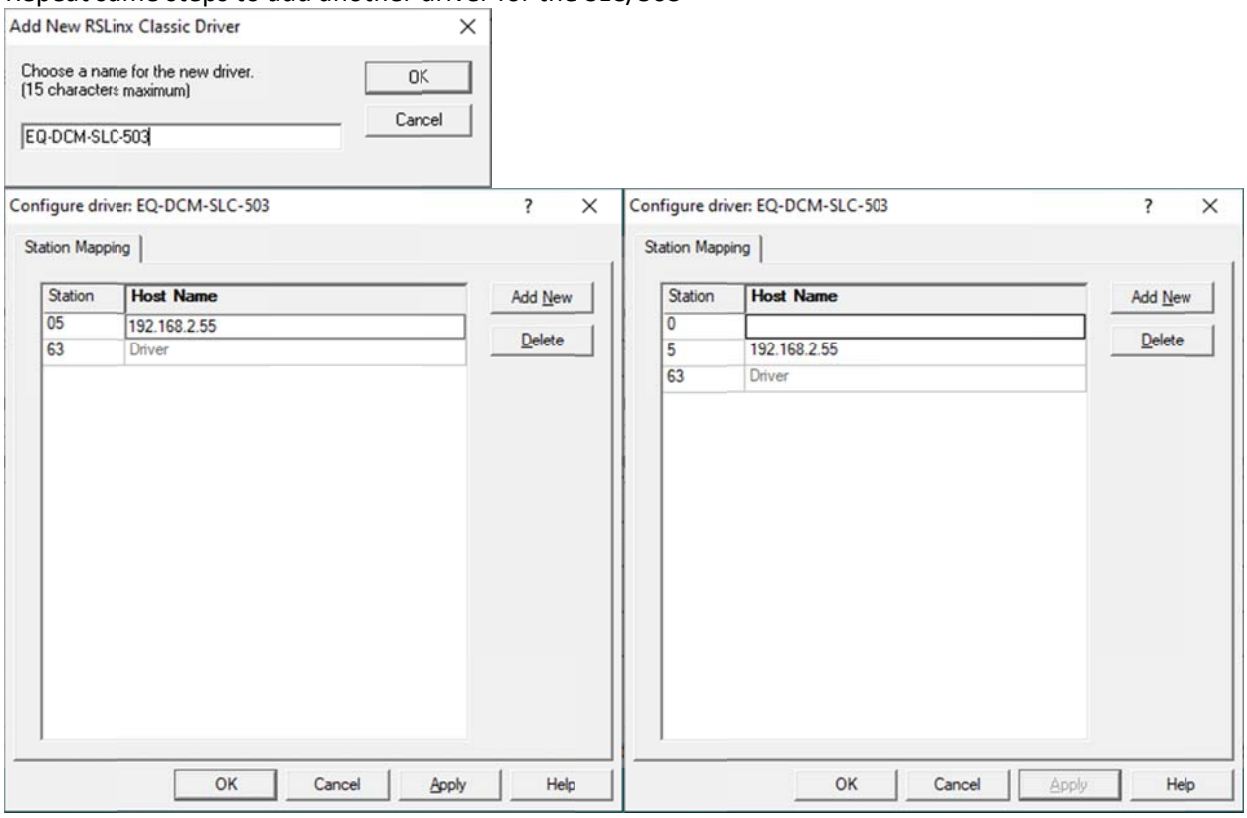
Type a name for the driver and click on OK



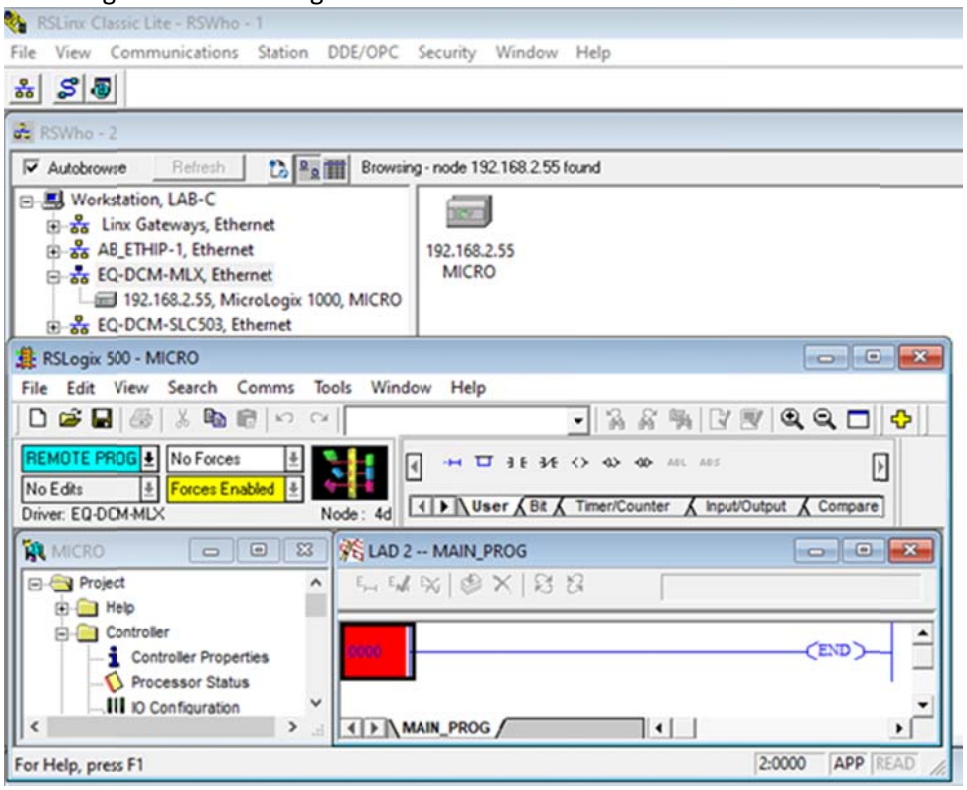
Under Station type the node address of the MicroLogix here in this application node 4, then under Host name type the IP address of the EQ-DCM, click on apply then click on OK

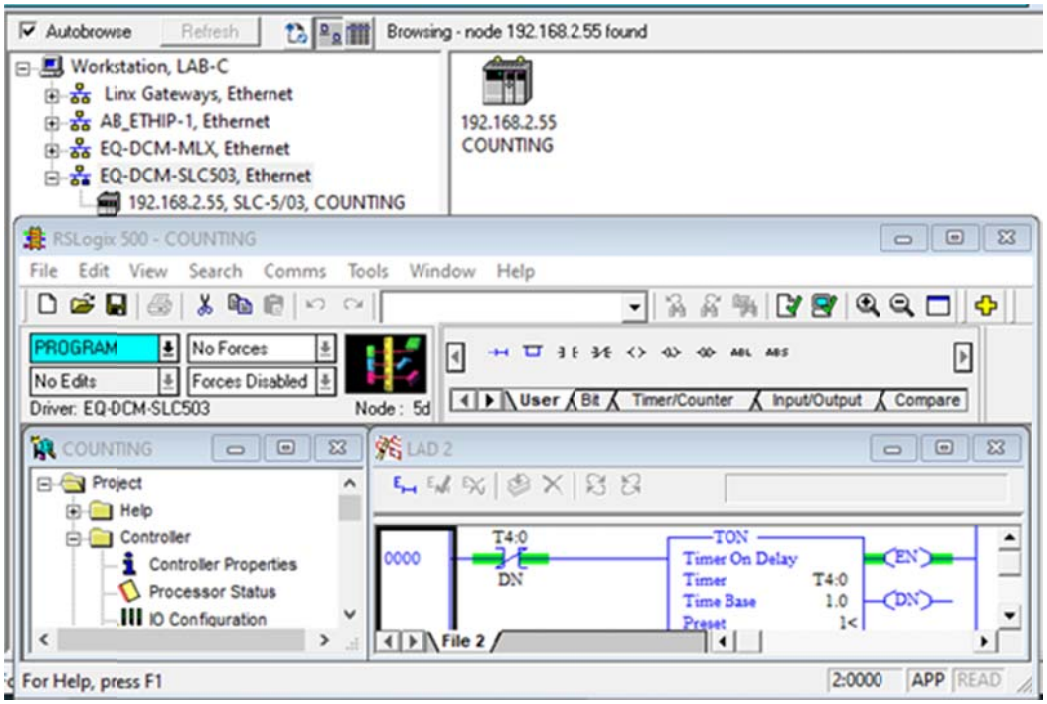


Repeat same steps to add another driver for the SLC/503

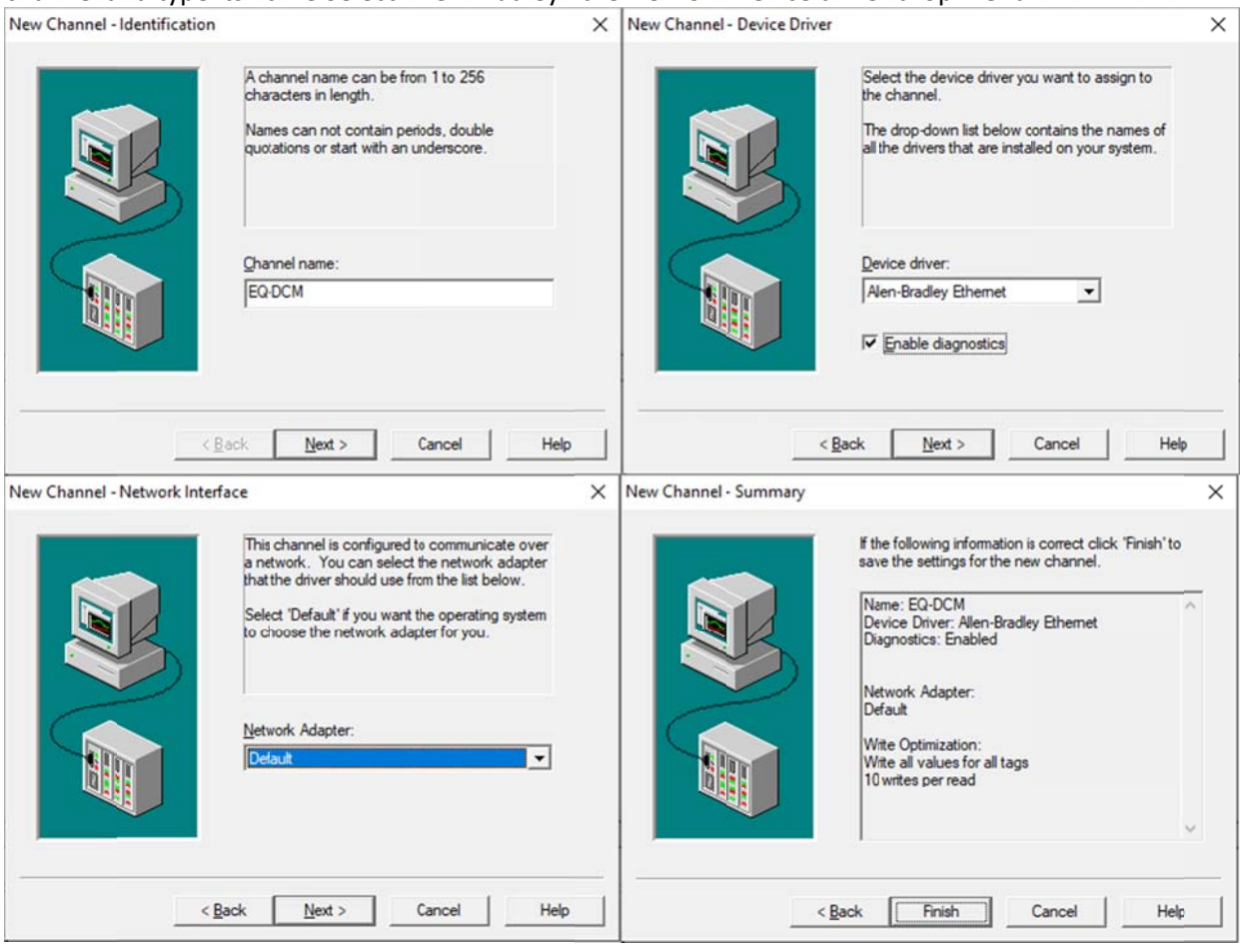


Start RSLOGIX 500 and go online with Micro Logix and the SLC-503 using the two drivers added above, as shown below, you can see in the next two screen shots RSLINX and RSLOGIX 500 online with both MicroLogix & SLC503 using the two AB Ethernet Drivers added for each PLC.

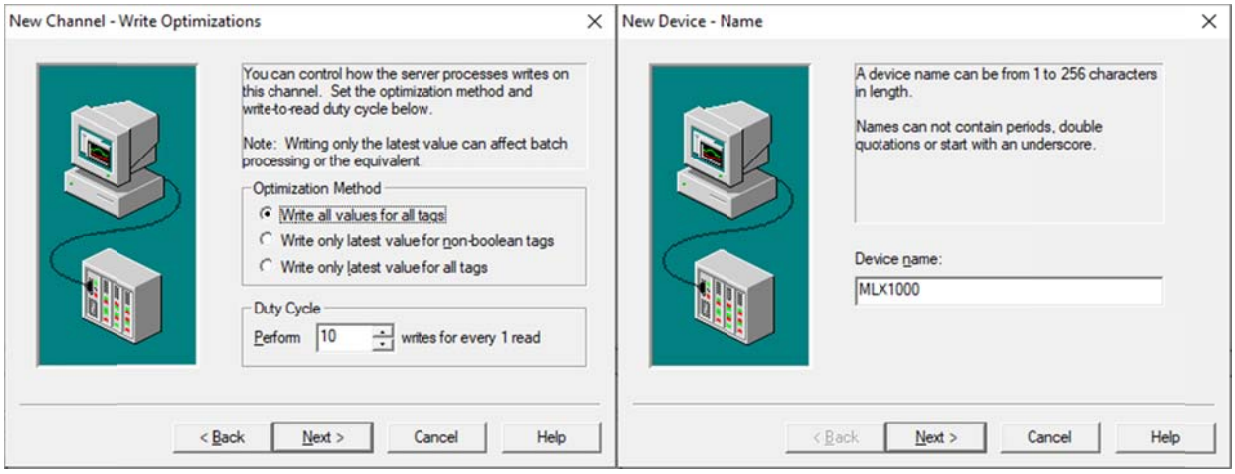




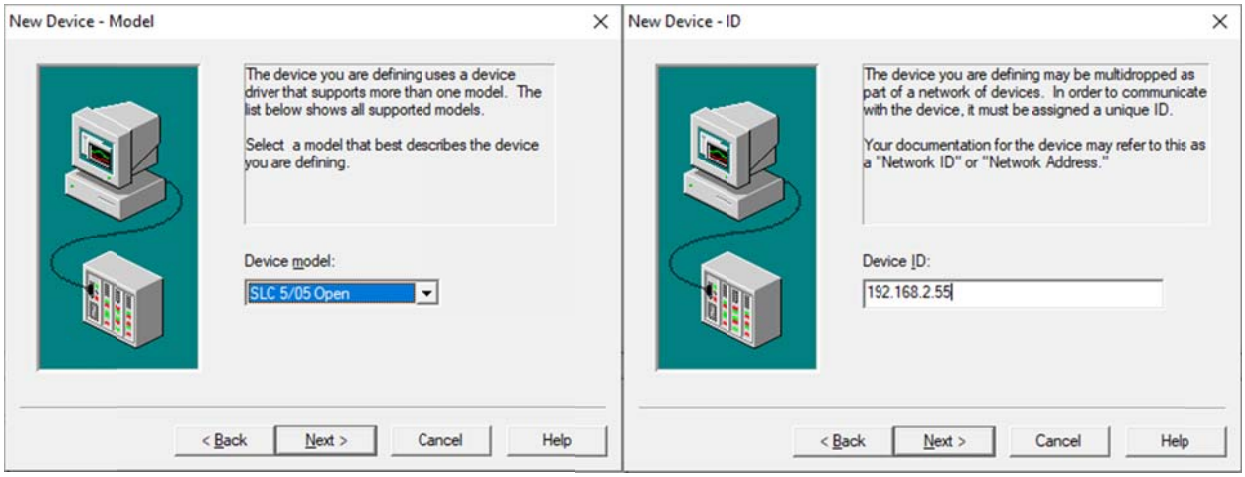
Now to see that we can get data from both the MicroLogix and the SLC/503 using IGS, start IGS, add new channel and type its name Select Allen Bradley Etherne from Device driver drop menu.



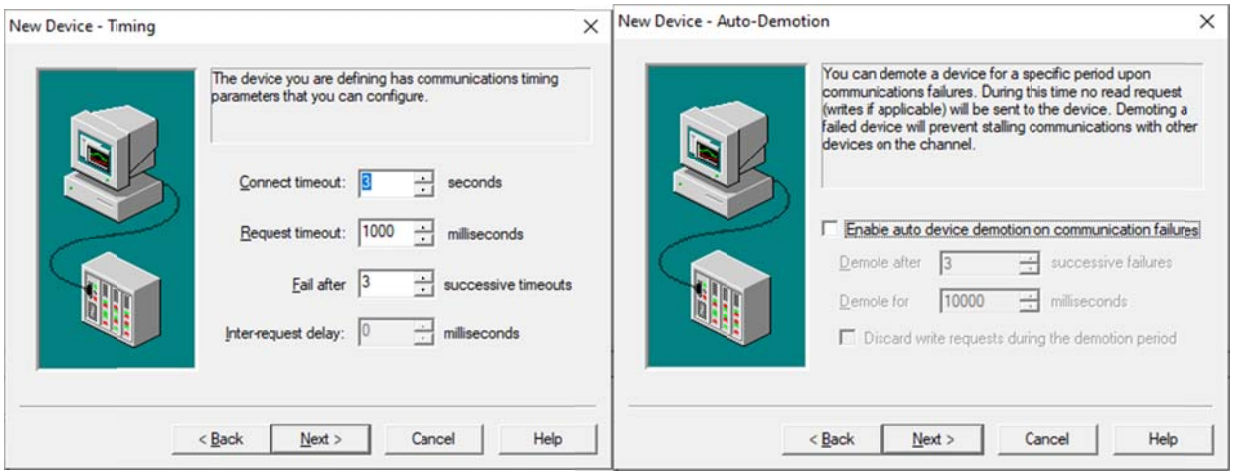
Add New Device and type its name here we typed MLX 1000 for the MicroLogix 1000



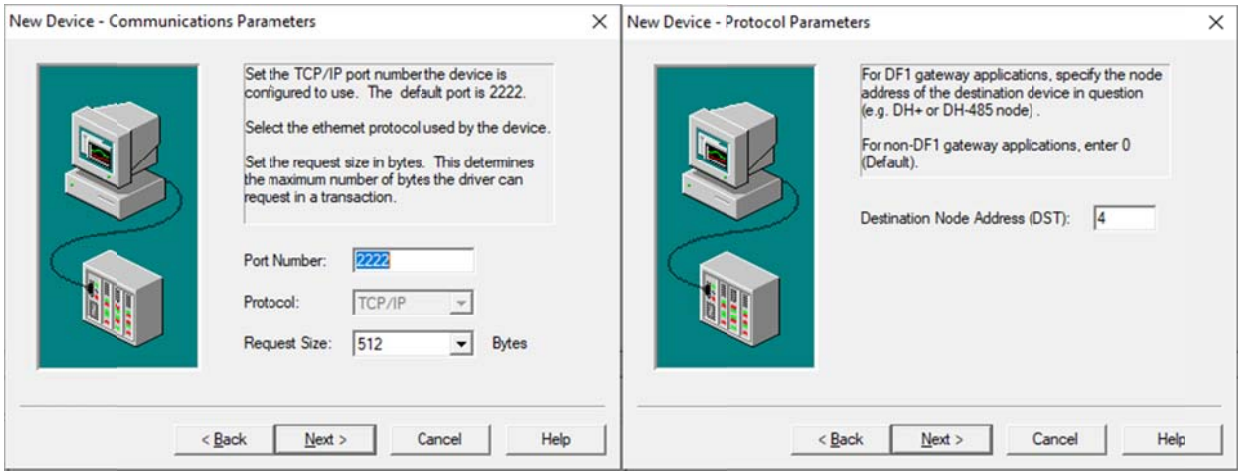
Select SLC5/05 from Device model drop menu and type the EQ-DCM IP address under Device ID



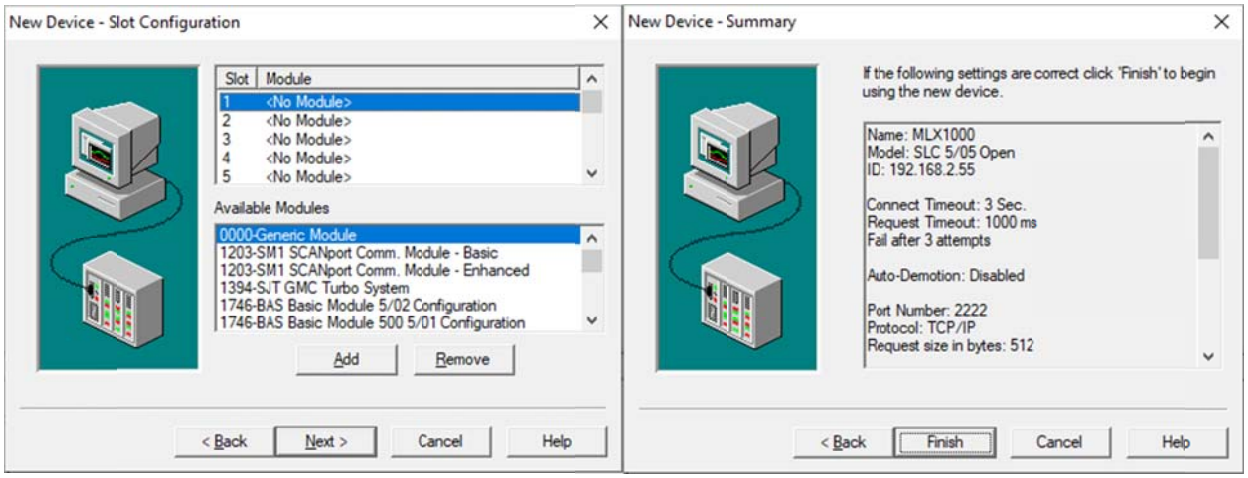
Click On Next



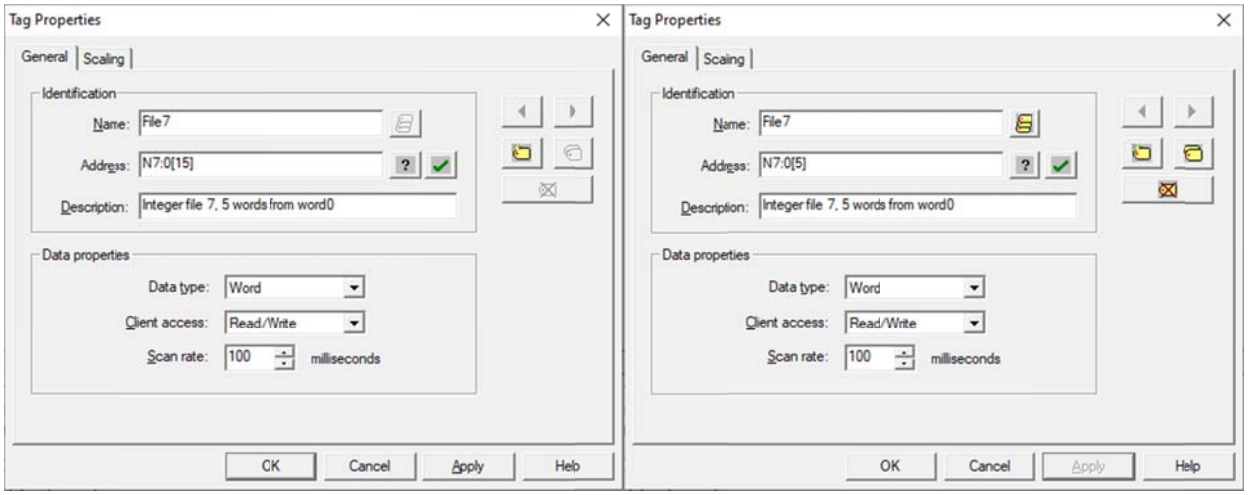
Leave the Port number to default 2222 and then type in the Destination node address of the MicroLogix which is 4 as shown.



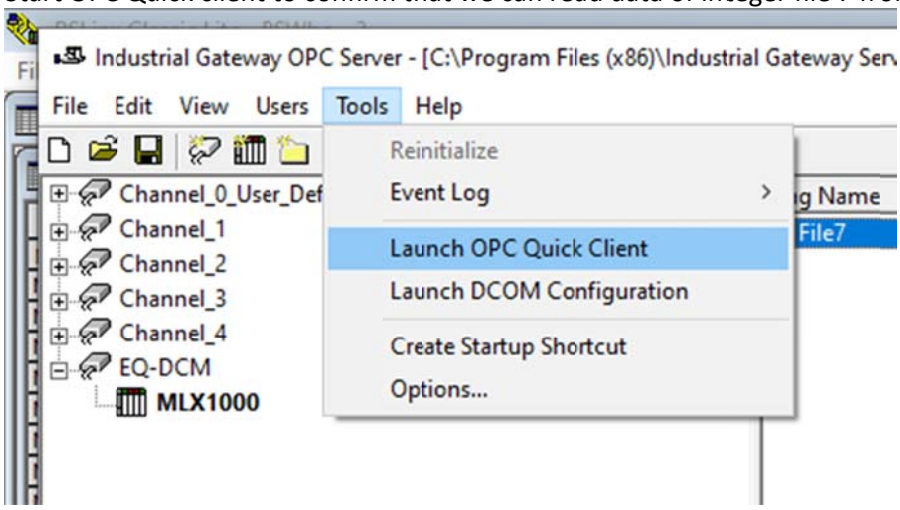
Click On Next and then on Finish



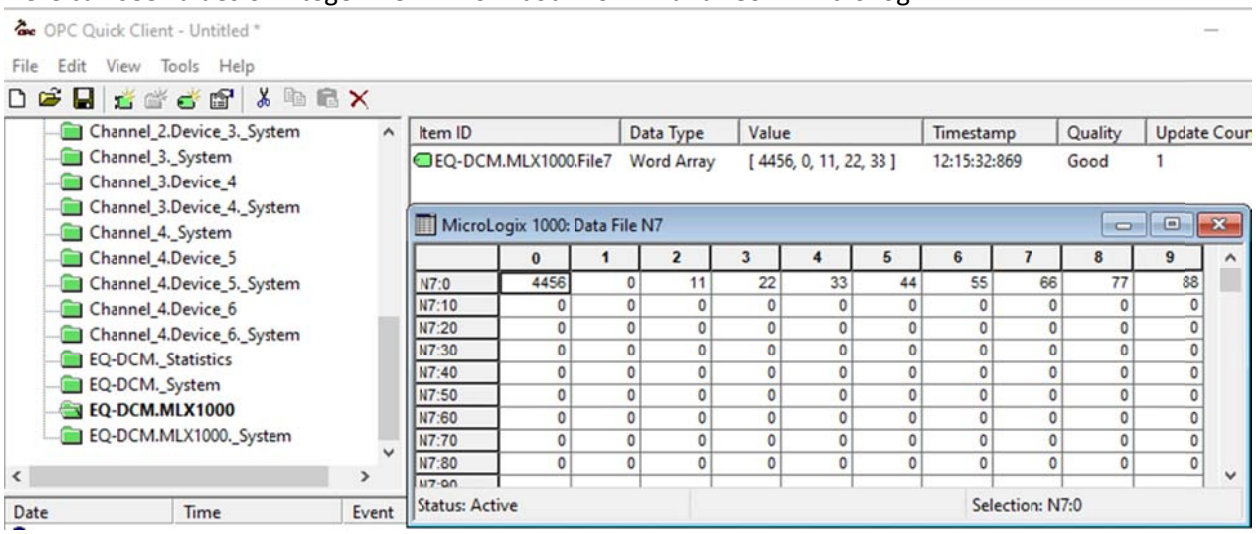
Add tags, here we added 5 words from Integer file N7 starting at word 0



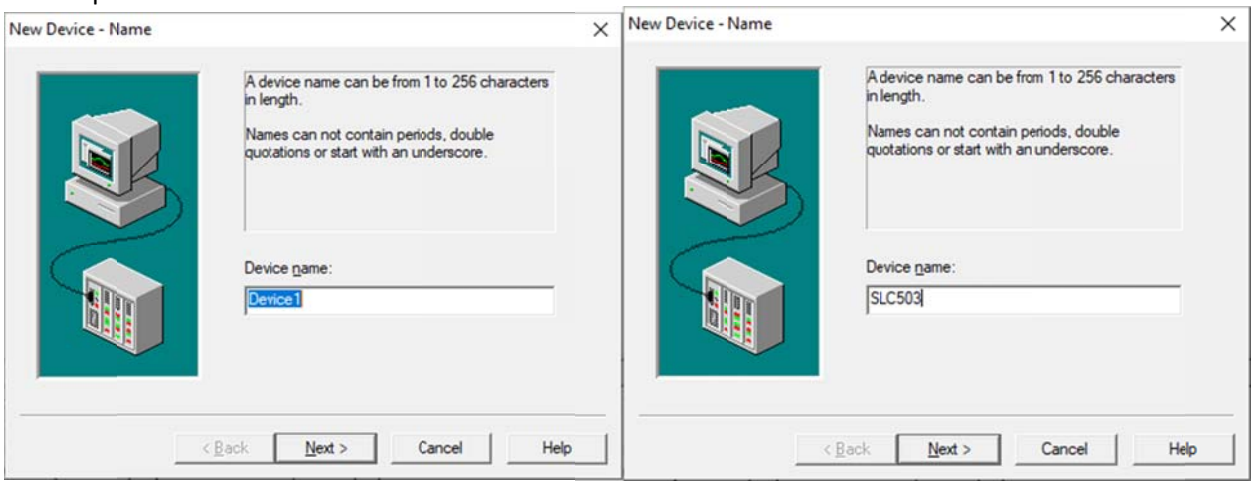
Start OPC Quick client to confirm that we can read data of integer file 7 from the Micro Logix 1000.

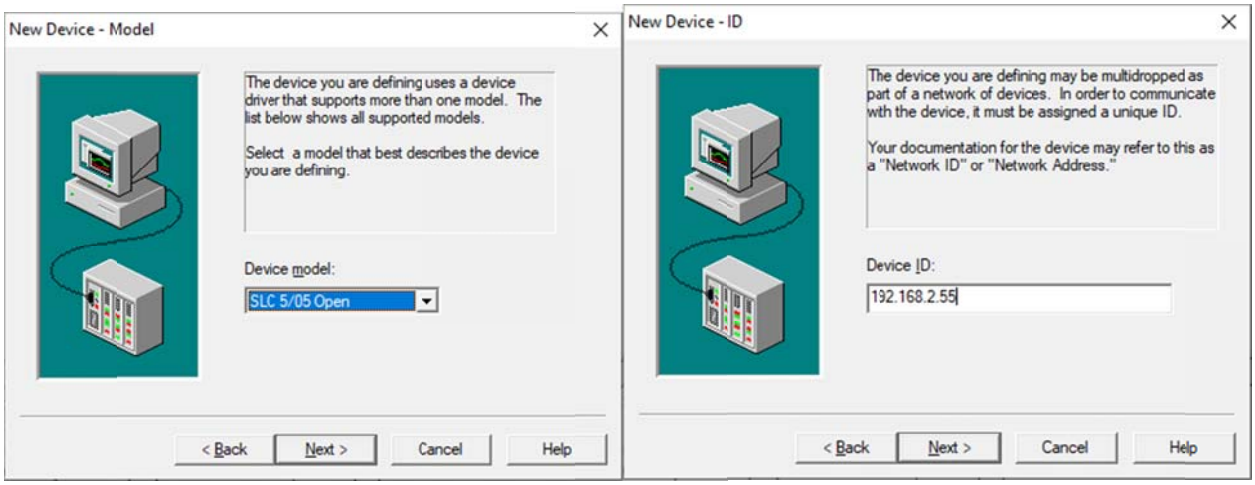


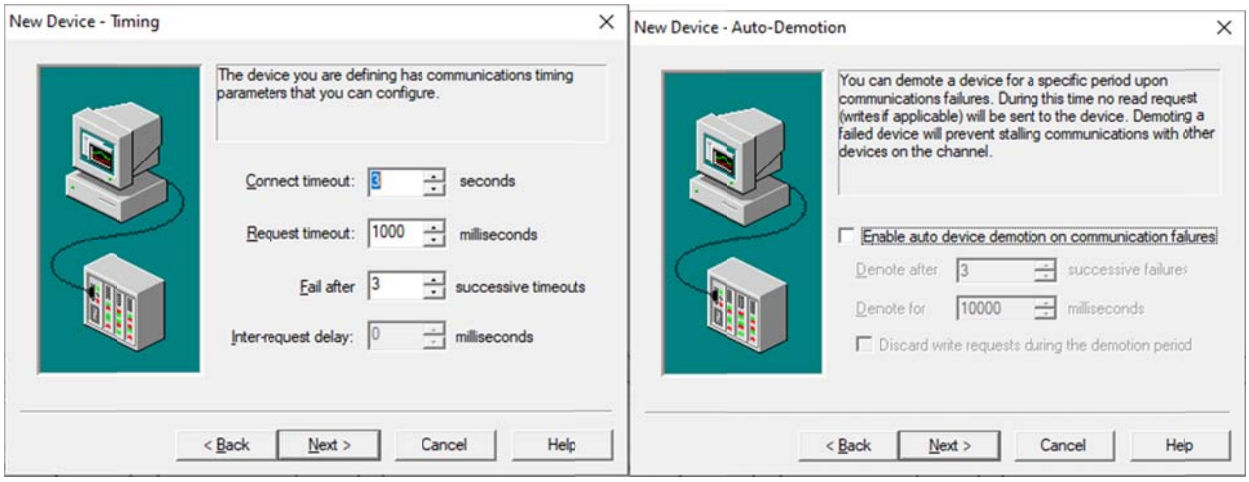
Here can see values of integer file N7 from both RSLINX and IGS in MicroLogix.



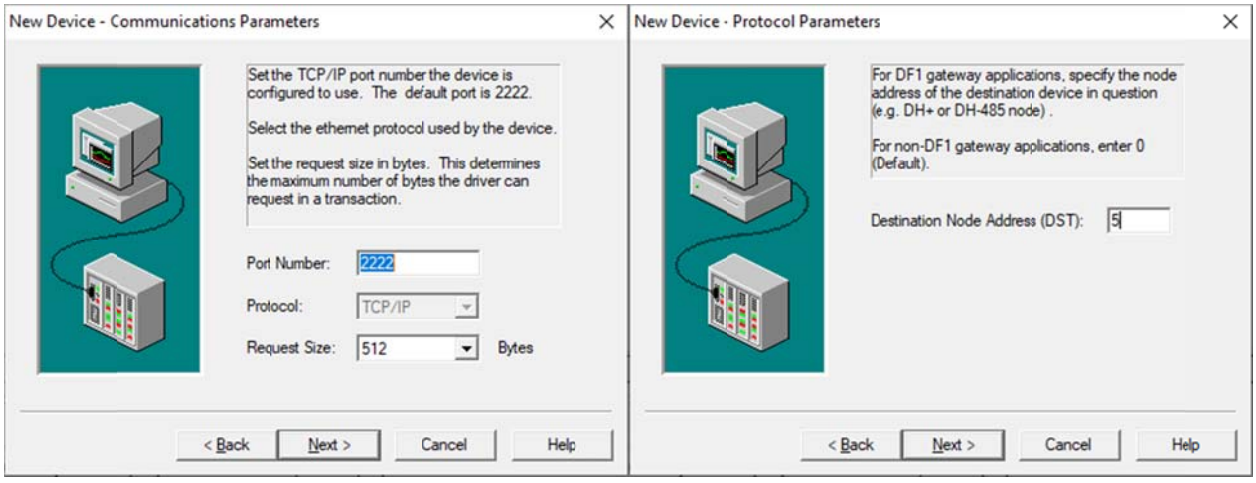
Now repeat add new device in IGS for SLC503

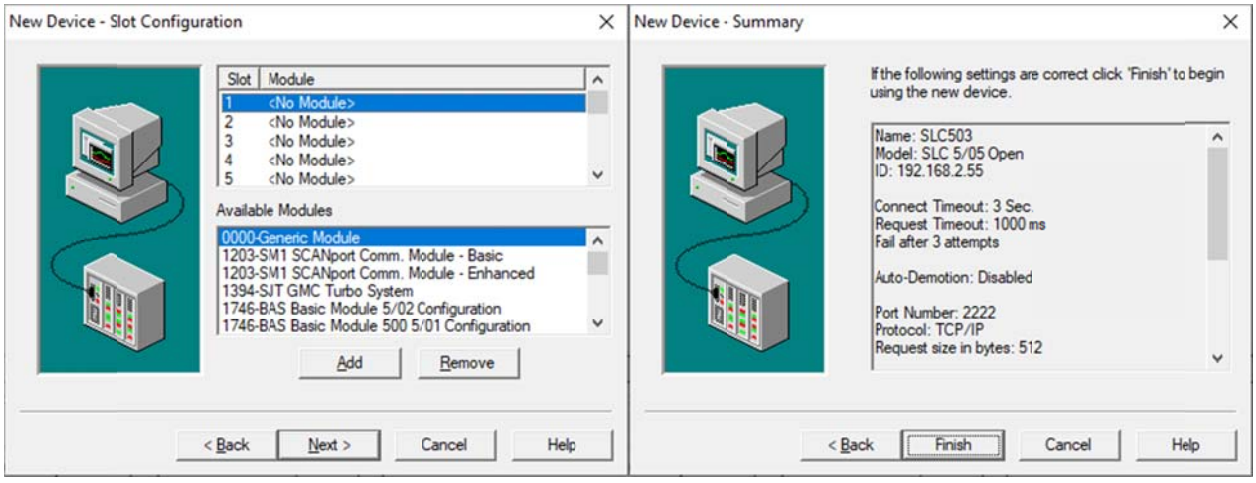




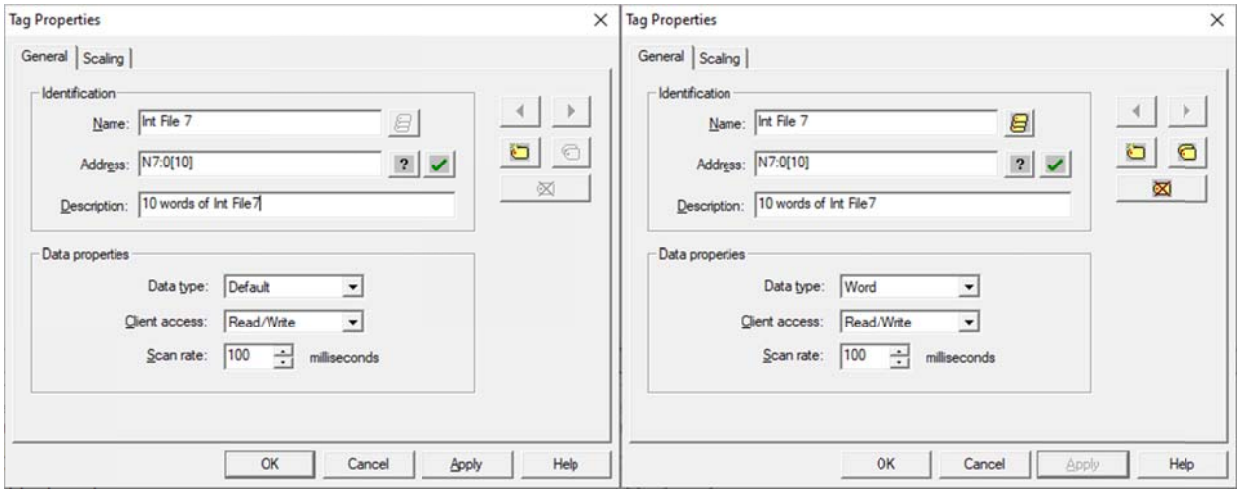


Here the node address number of the SLC503 is 5 entered as destination.

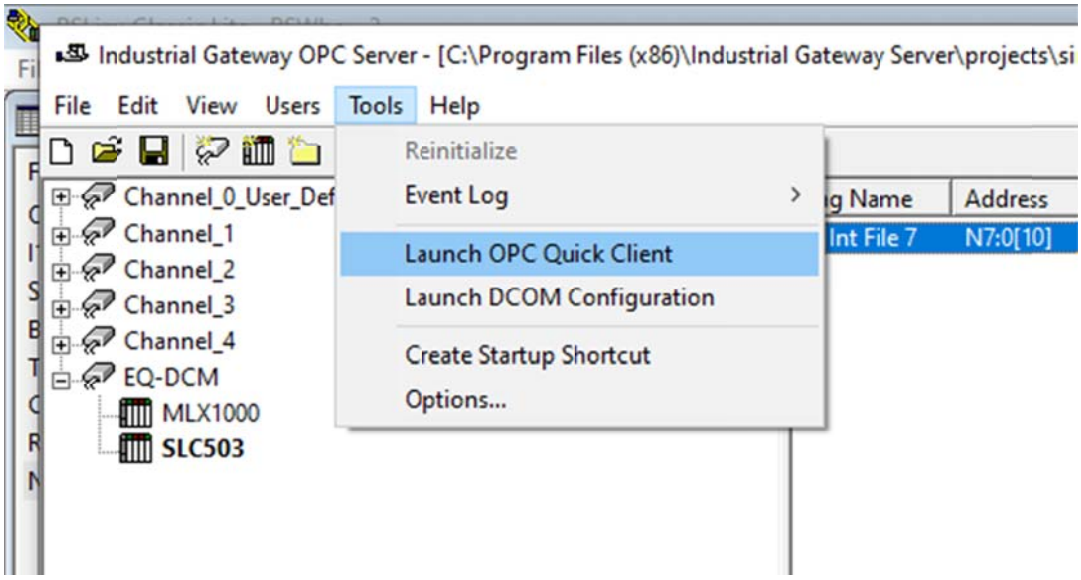




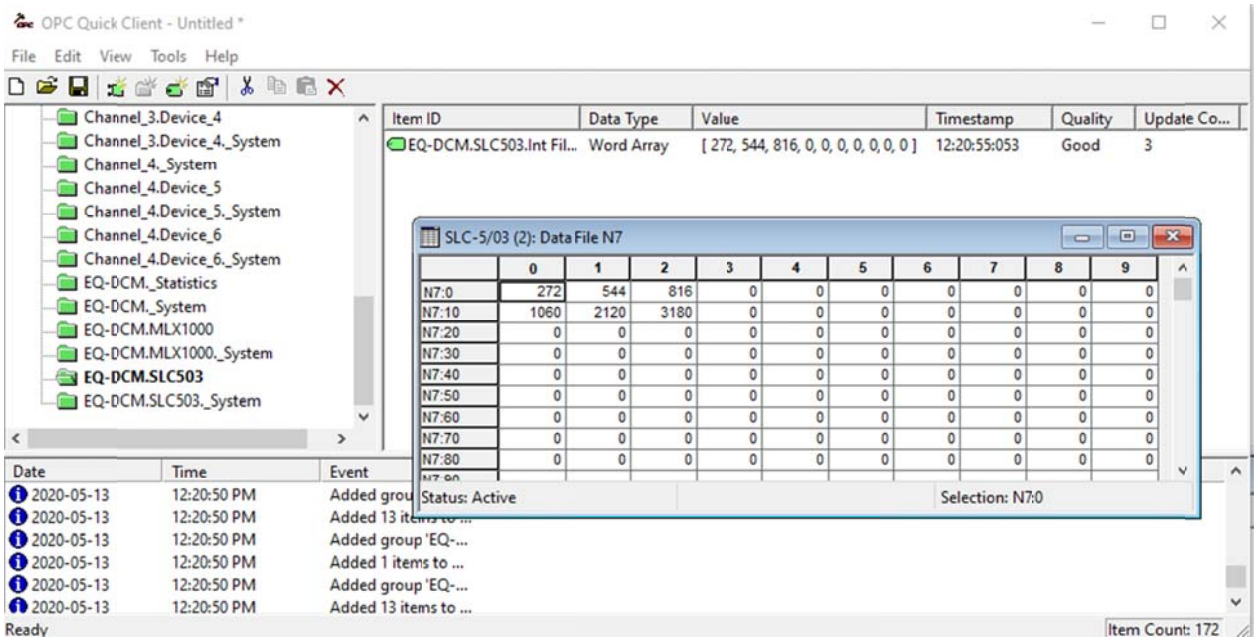
Adding a tag to read 10 words from the SLC/503 integer file N7.



Start OPC Quick Client to confirm N7 data can be read from the SLC503.



Here can see values of integer file N7 in the SLC503 using both RSLINX data monitor and IGS OPC Quick Client.



	0	1	2	3	4	5	6	7	8	9
N7:0	272	544	816	0	0	0	0	0	0	0
N7:10	1060	2120	3180	0	0	0	0	0	0	0
N7:20	0	0	0	0	0	0	0	0	0	0
N7:30	0	0	0	0	0	0	0	0	0	0
N7:40	0	0	0	0	0	0	0	0	0	0
N7:50	0	0	0	0	0	0	0	0	0	0
N7:60	0	0	0	0	0	0	0	0	0	0
N7:70	0	0	0	0	0	0	0	0	0	0
N7:80	0	0	0	0	0	0	0	0	0	0