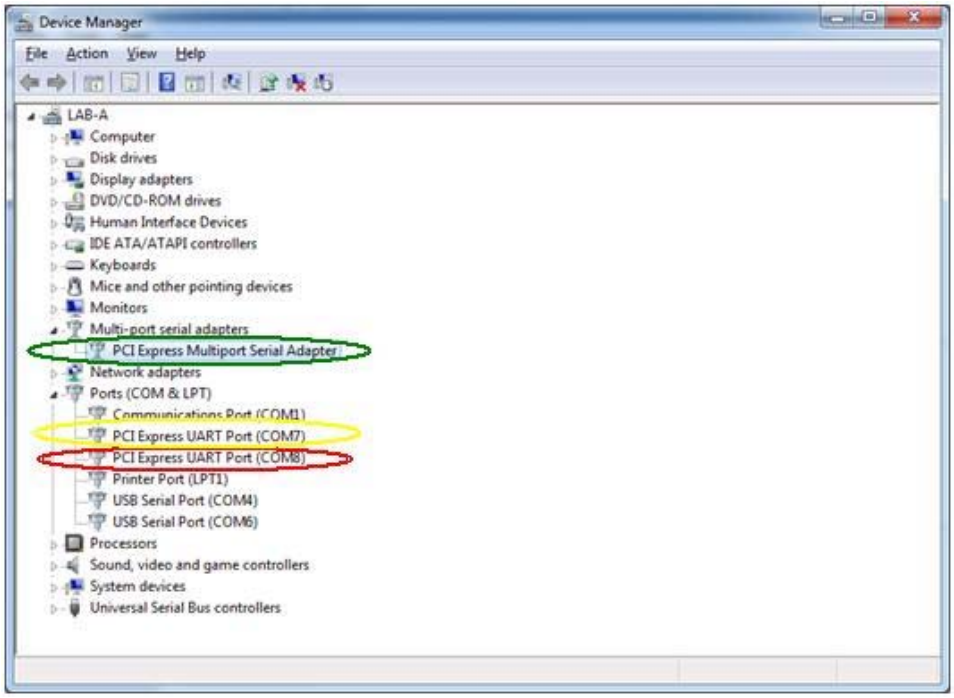
Equustek DLPCIe (Allen BradleyDF1 to DH+ / DH485) PCI Express Bus Card using GE IGS

Once done with the driver installation, there are two serial port numbers and will differ from one PC to another and you can change the number to your desired available one.

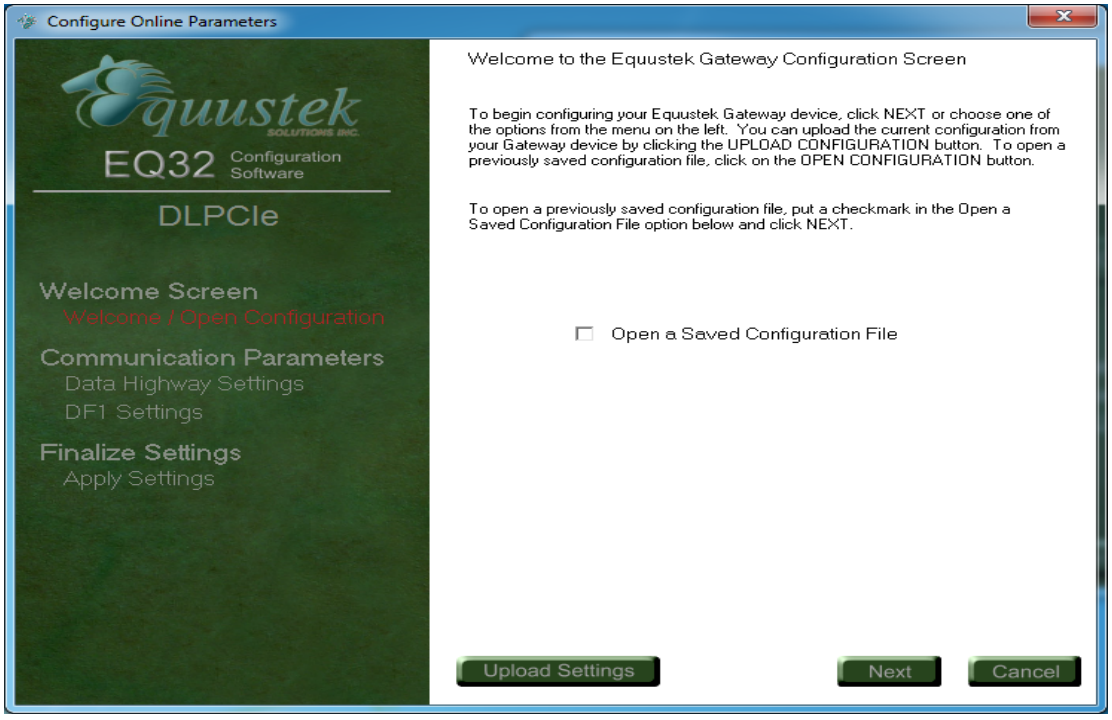


Please note that in Win7 the second port is used for setting up the DF1 drive, later on and for WinXP is the 1st one.

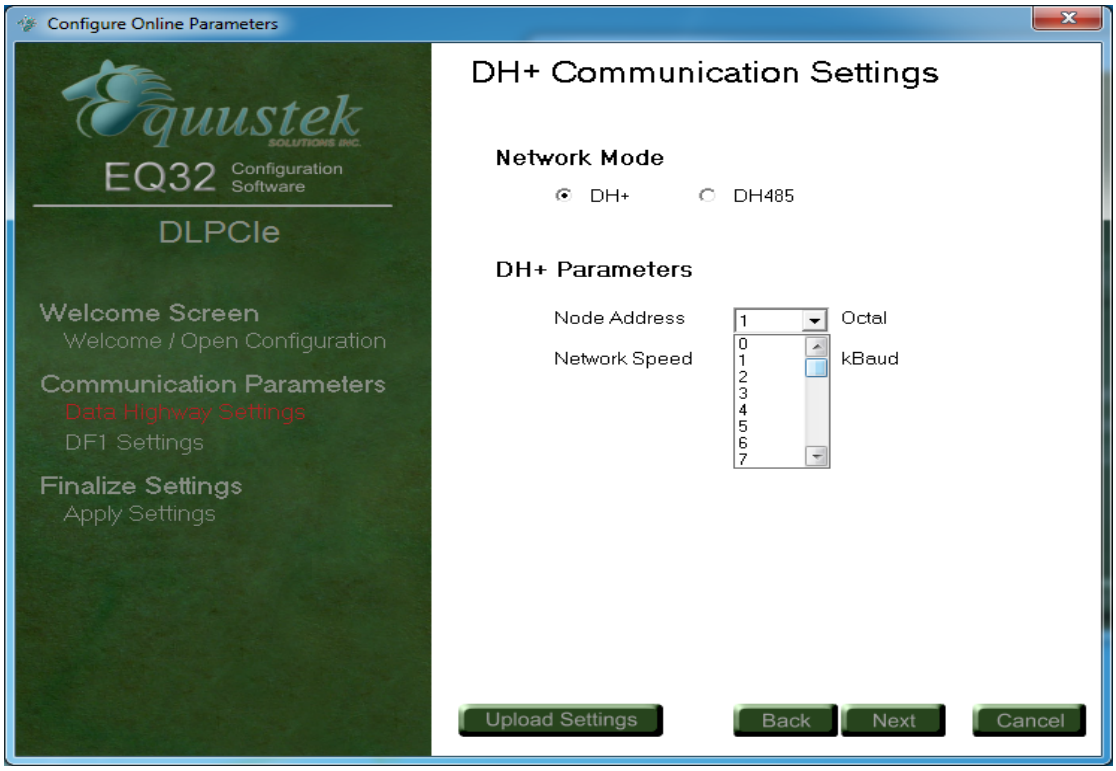
To configure the card using EEPROM seetings, start the EQ32 configuration software and select DLPCIe

Select the COM port number you see in your PC's device manager in our example COM8 and click on configure.

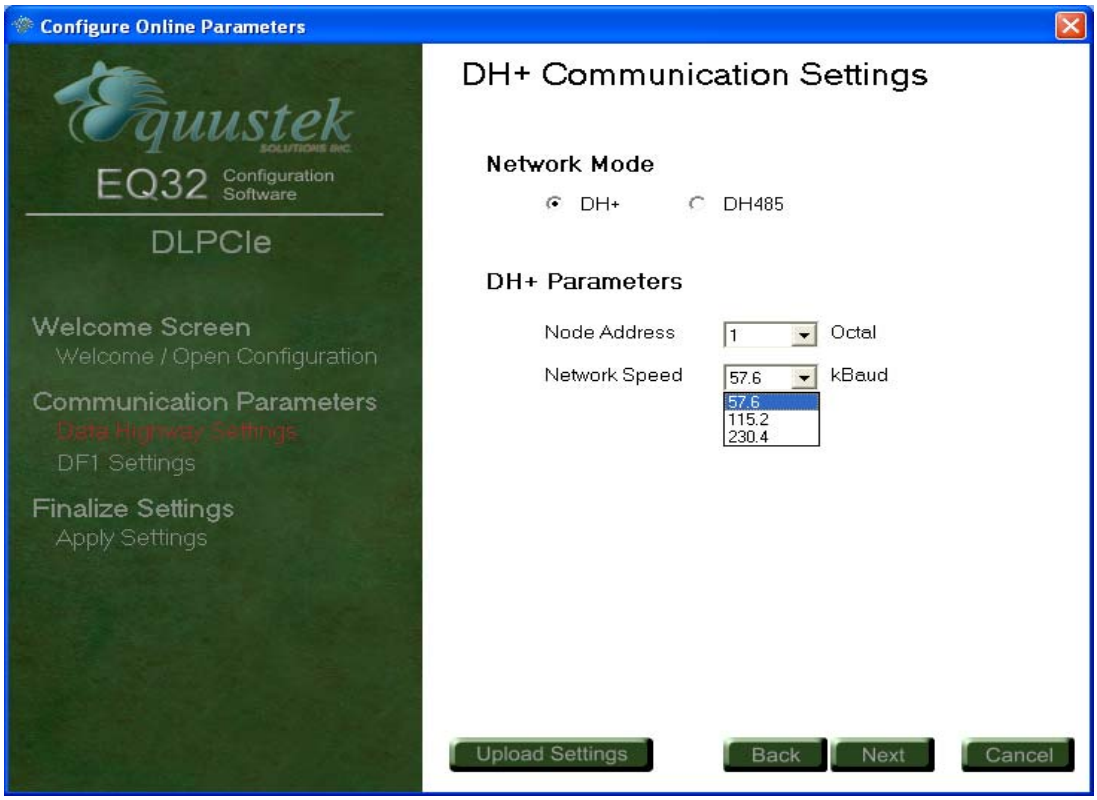
Click on next if you do not have a previous configuration file saved to open.



Select the Network type(DH+ or DH485)and the station number, in this example set to 15 octal.



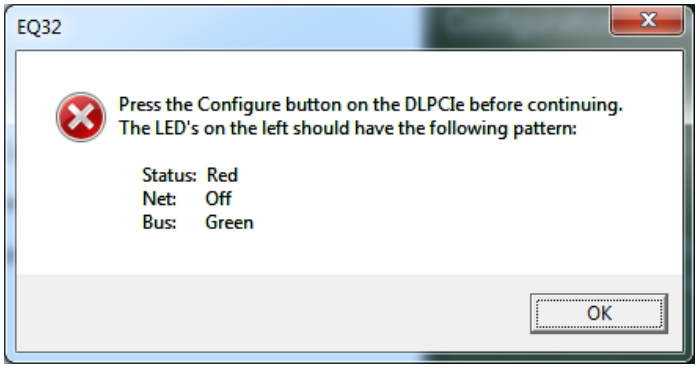
Select your DH+ baud rate.



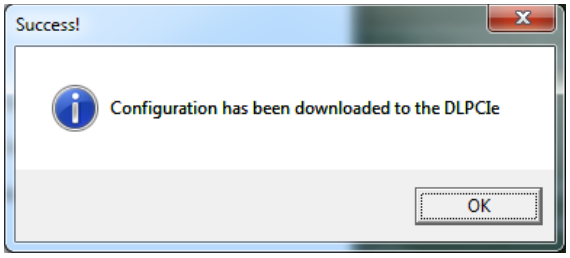
Now you need to set up DF1 parameters.

Here you can download your configuration to the DLPCIe, and also an option of saving it for future use.

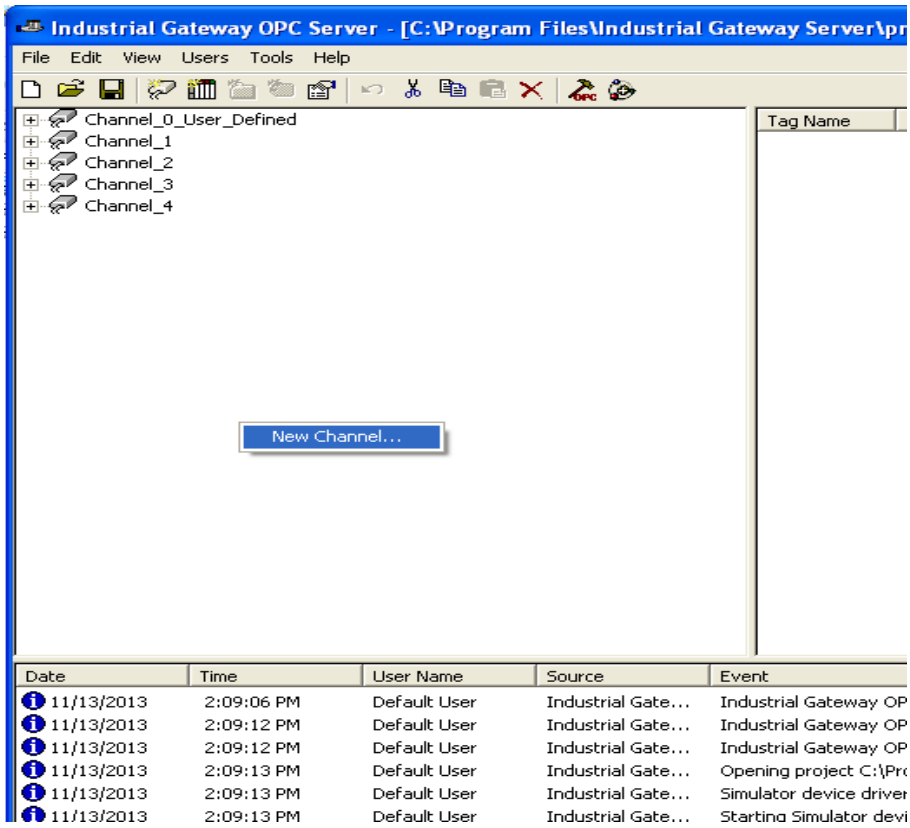
Put the DLPCIe in configuration mode by pressing the configuration push button switch on the DLCPIe



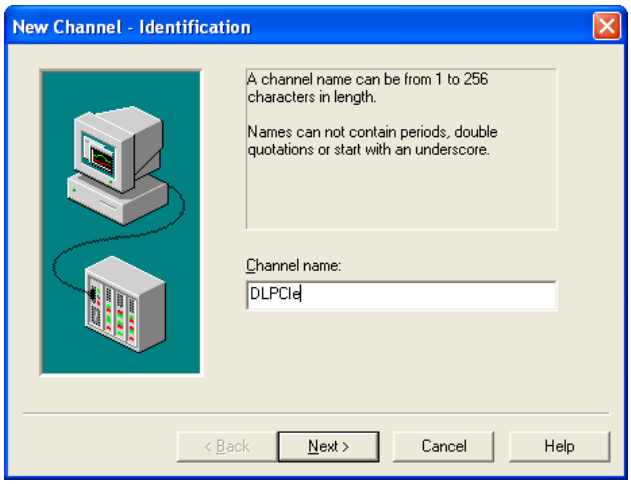
Once downloaded successfully, close the EQ32 configuration software and restart your PC.



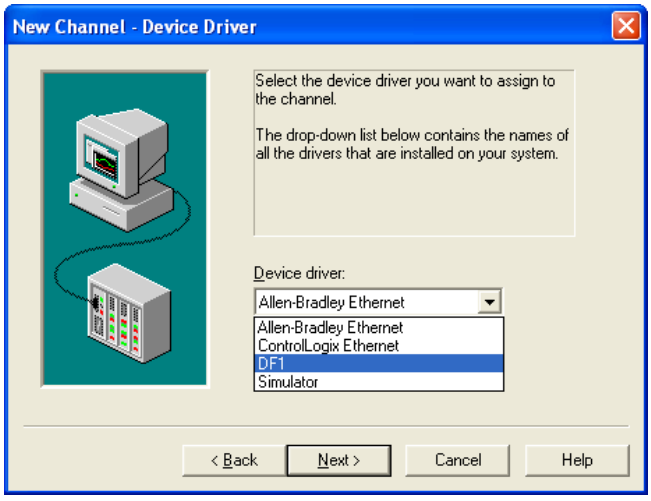
Now to use with GE IGS start the IGS right click and add a new channel.



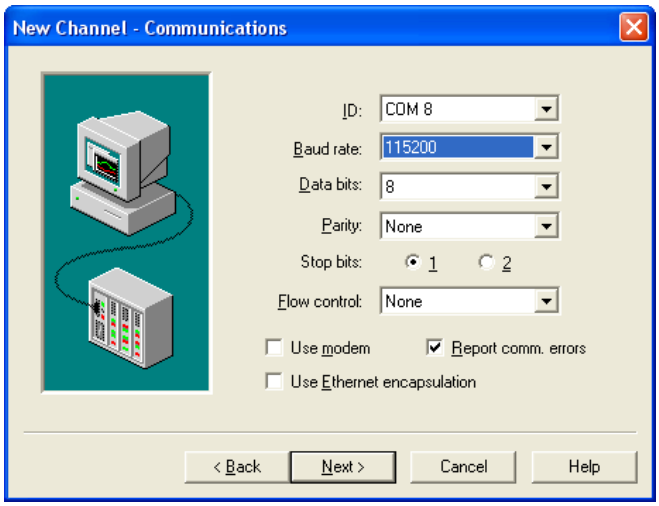
Give a name to your new channel and click on next.



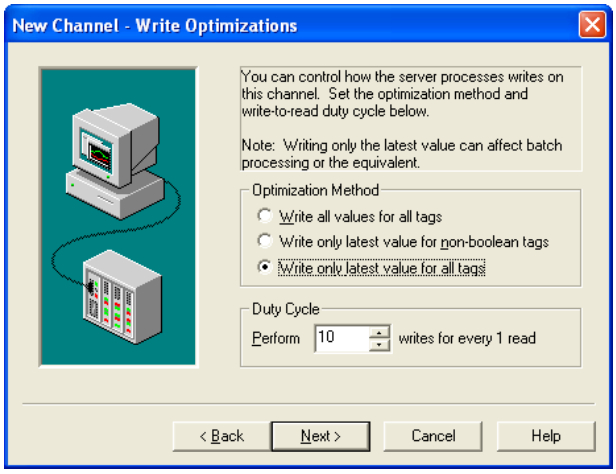
Under Device driver select DF1 and click on next.



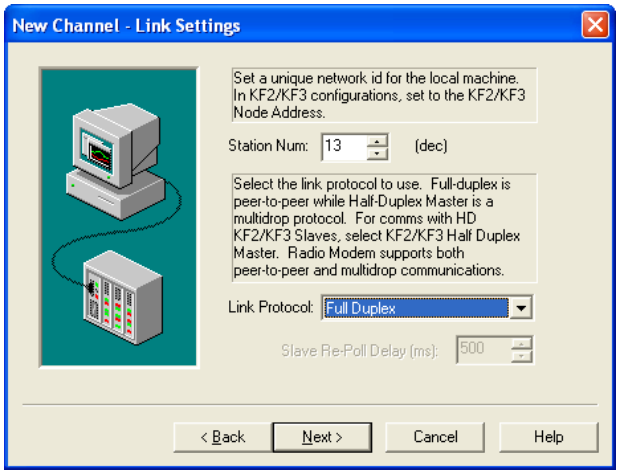
Select the serial port and its setting same as the one you configured the card as and click next.



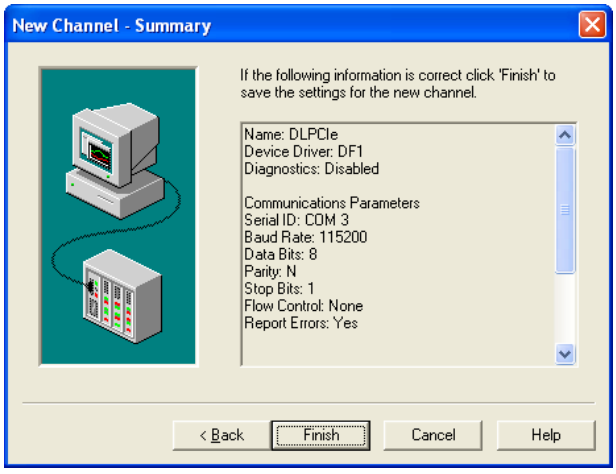
Select the way you want the server to process data.



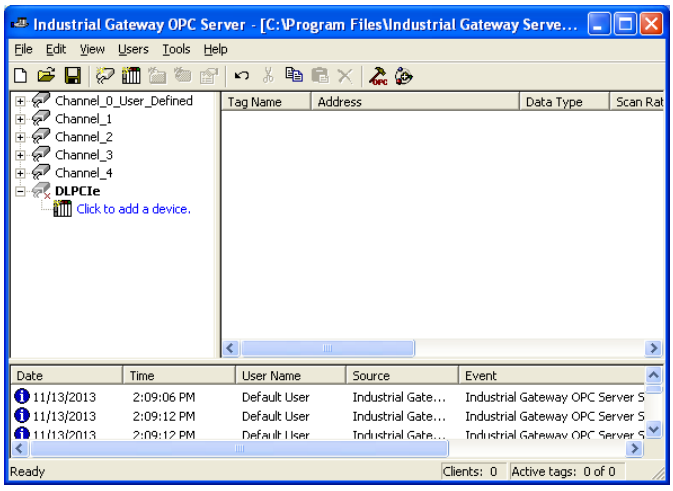
Set station number to card node address, but please note that here, it is decimal 13, since octal was 15 and link protocol to FULL DUPLEX and click on next.



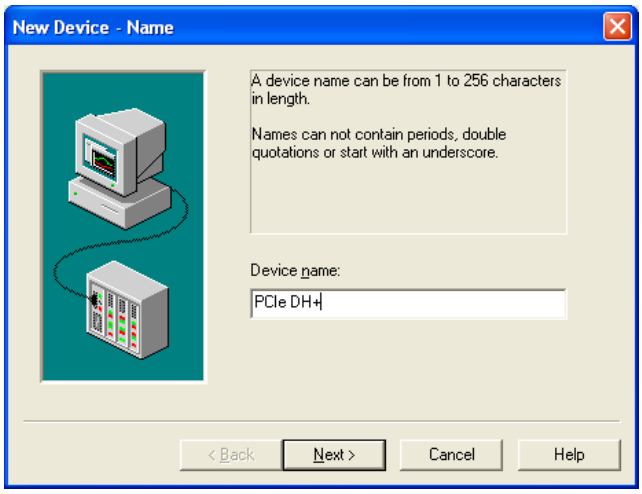
Here you can see all your channel settings click on finish.



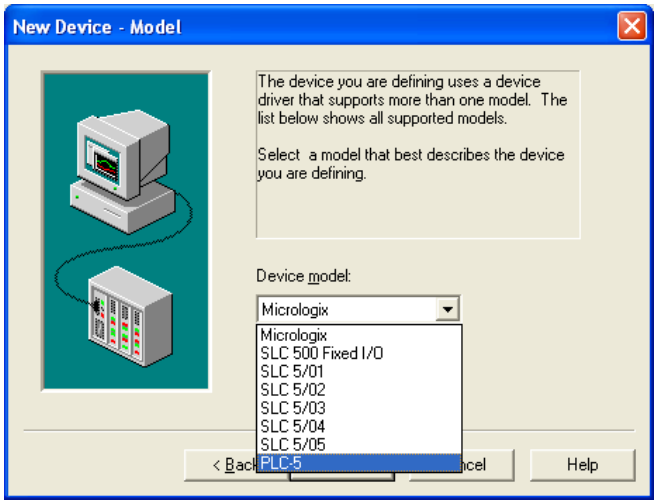
Click on add a device click as shown.



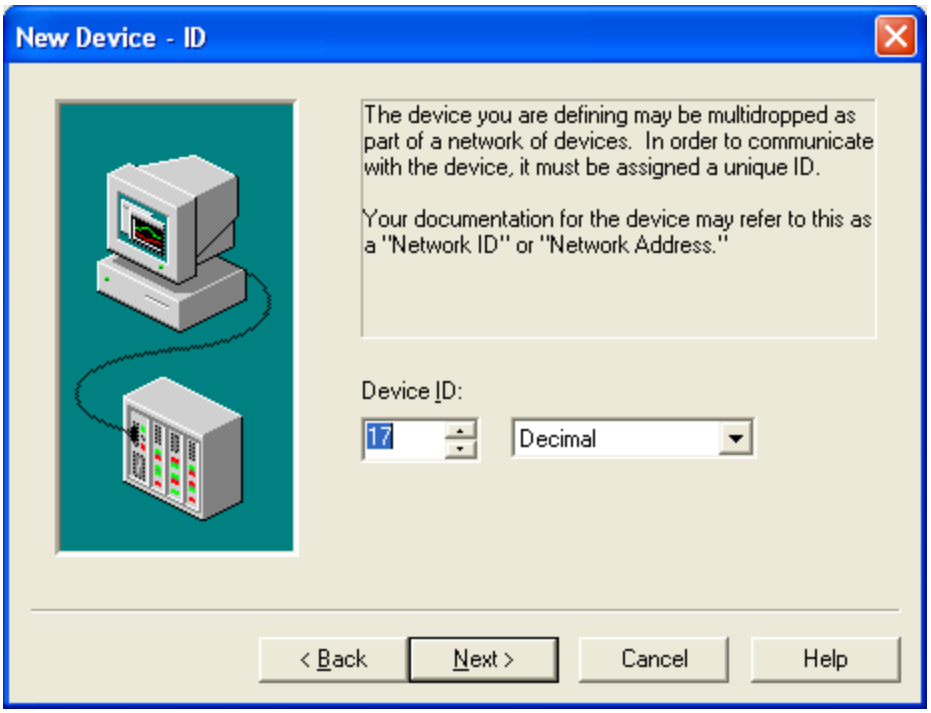
Name the device.



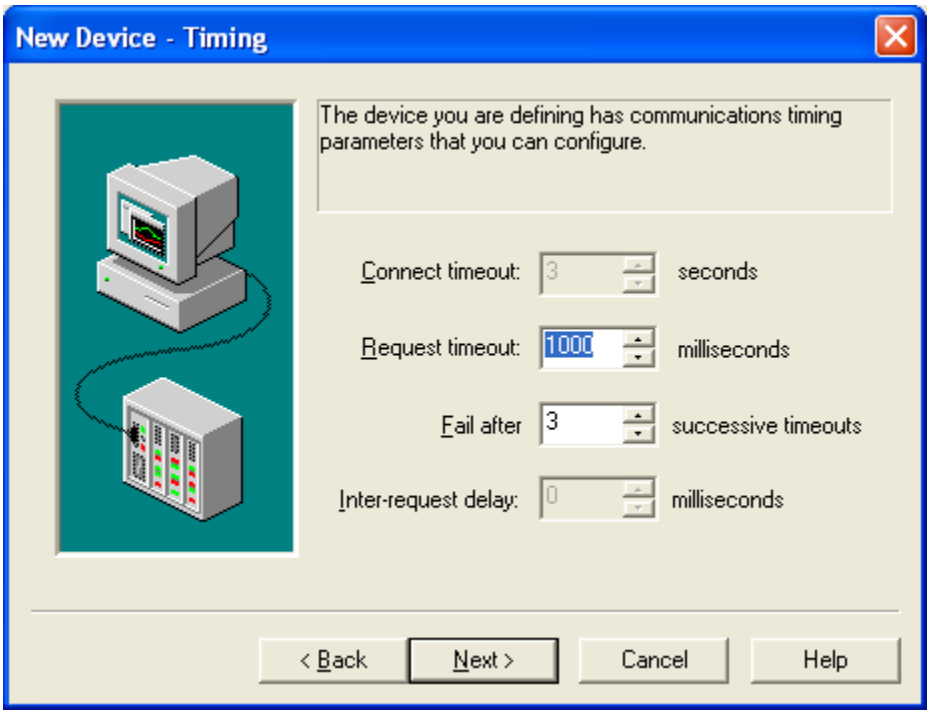
Under device model select the PLC type.

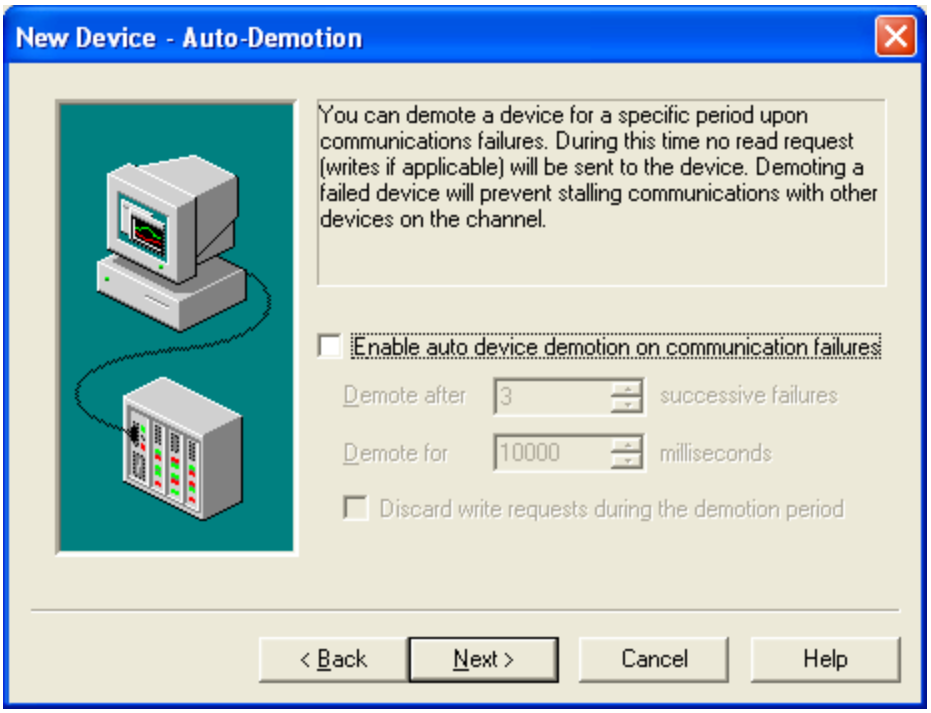


Select Device ID (Node address of the PLC on DH+) please again notice it is in decimal not octal.

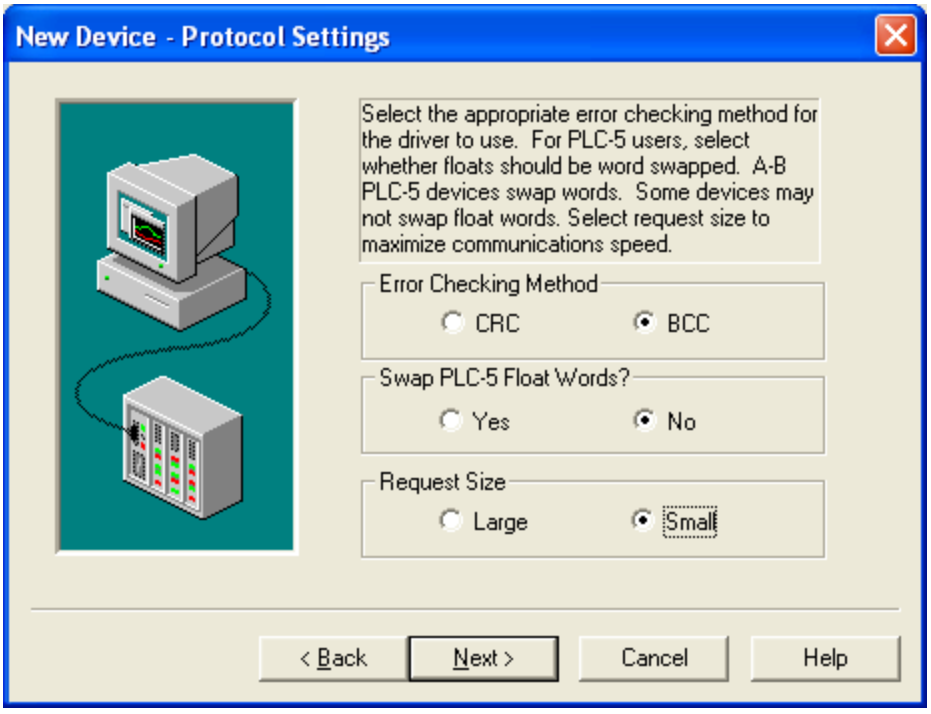


Select the device timing and click on next.

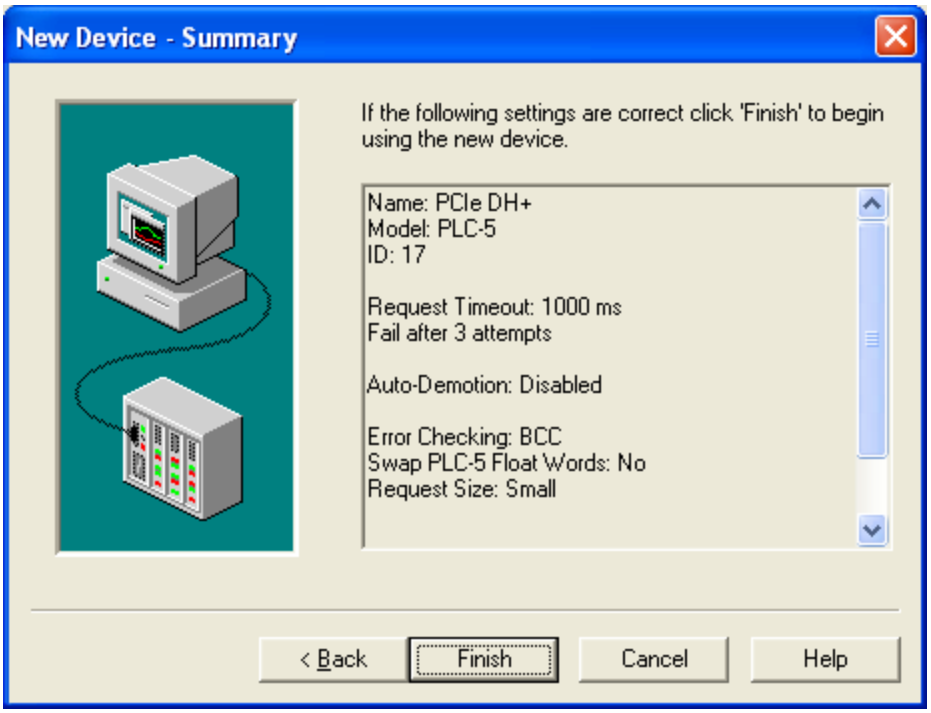




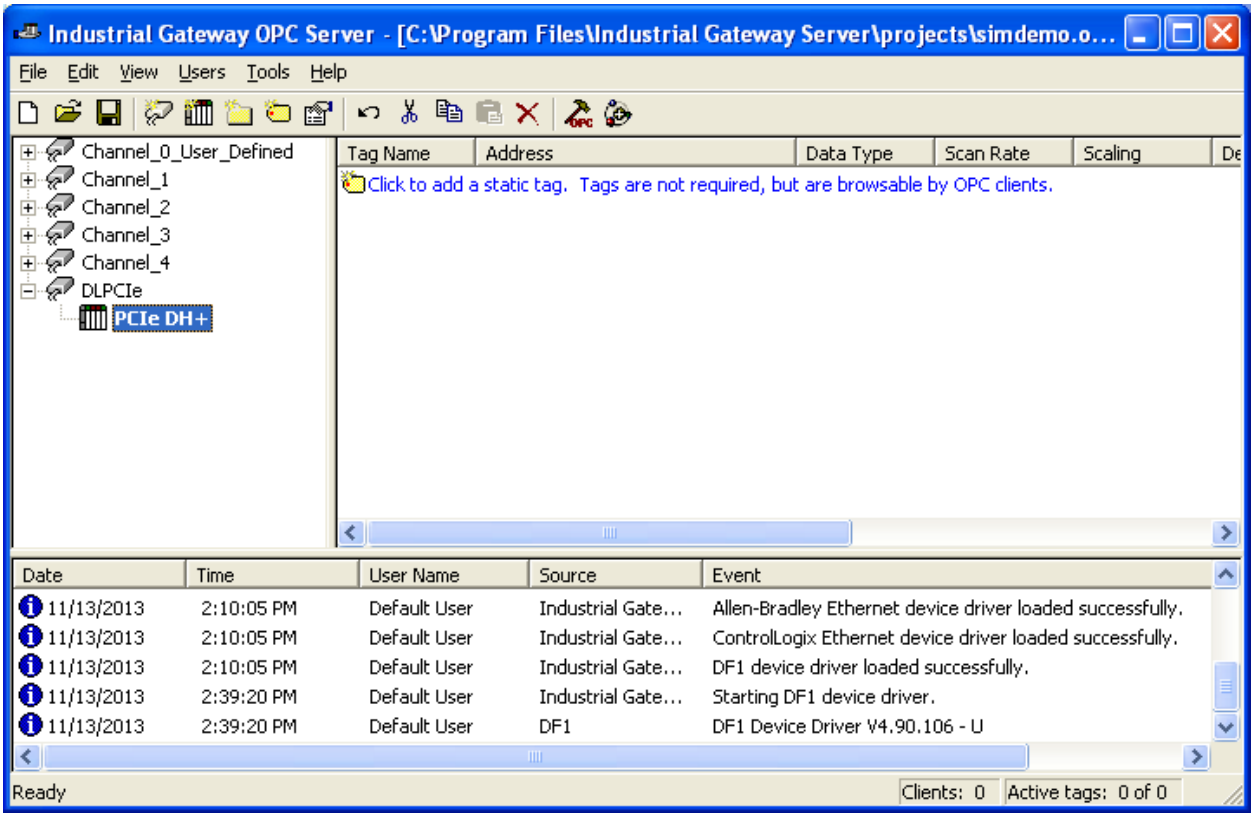
Select the Error checking method make sure it is the same as the one set in the DLPCIe card.



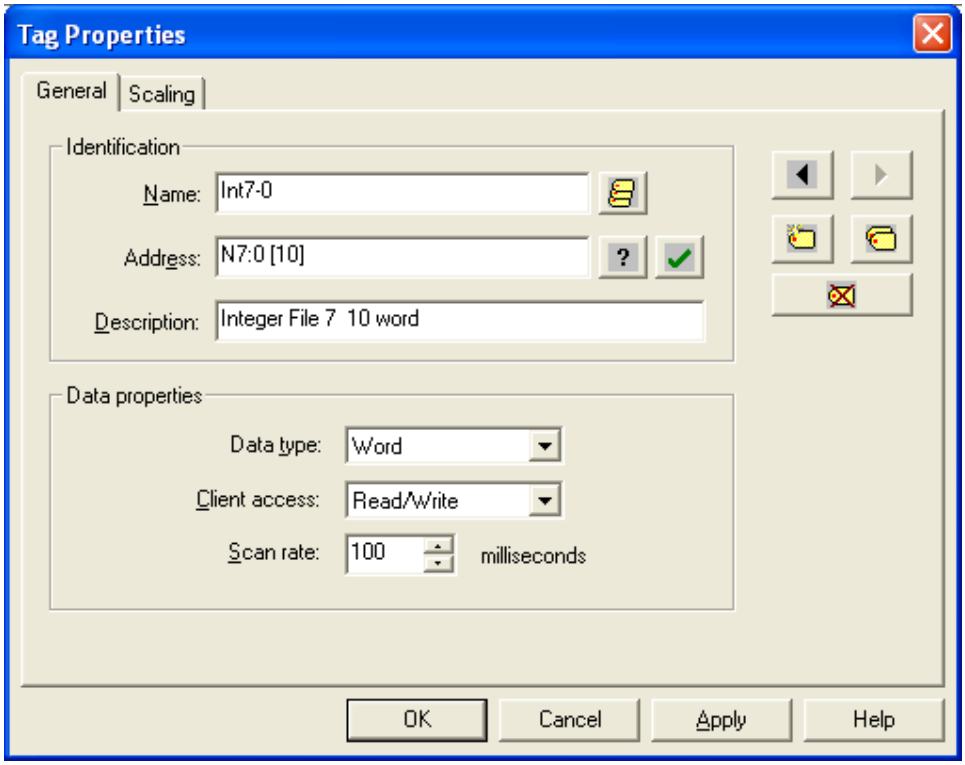
Click on Finish.



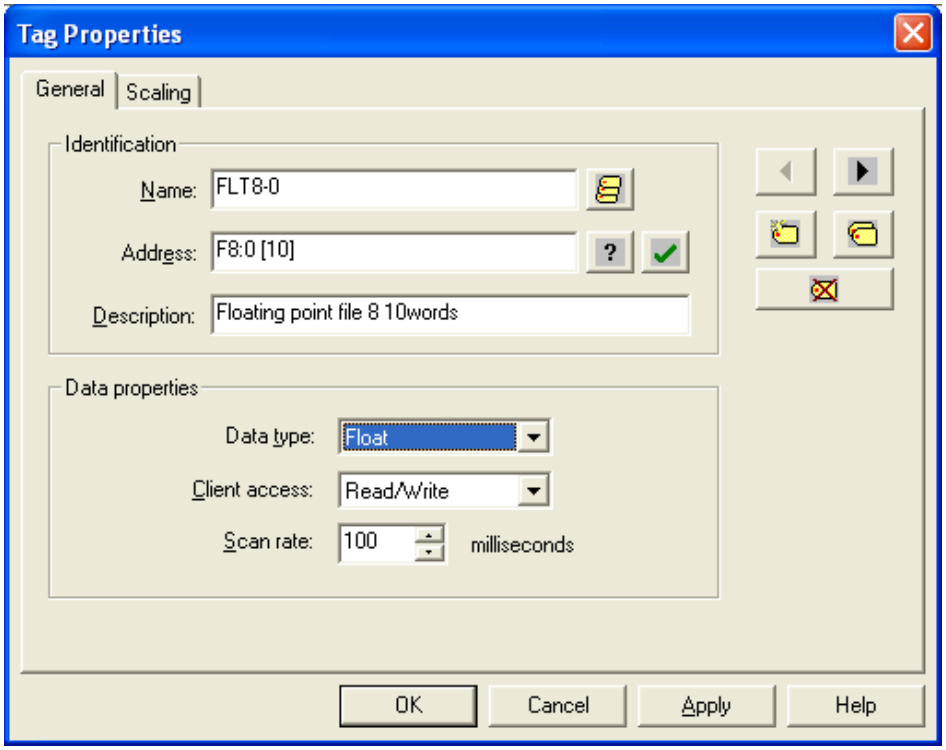
Add Tags



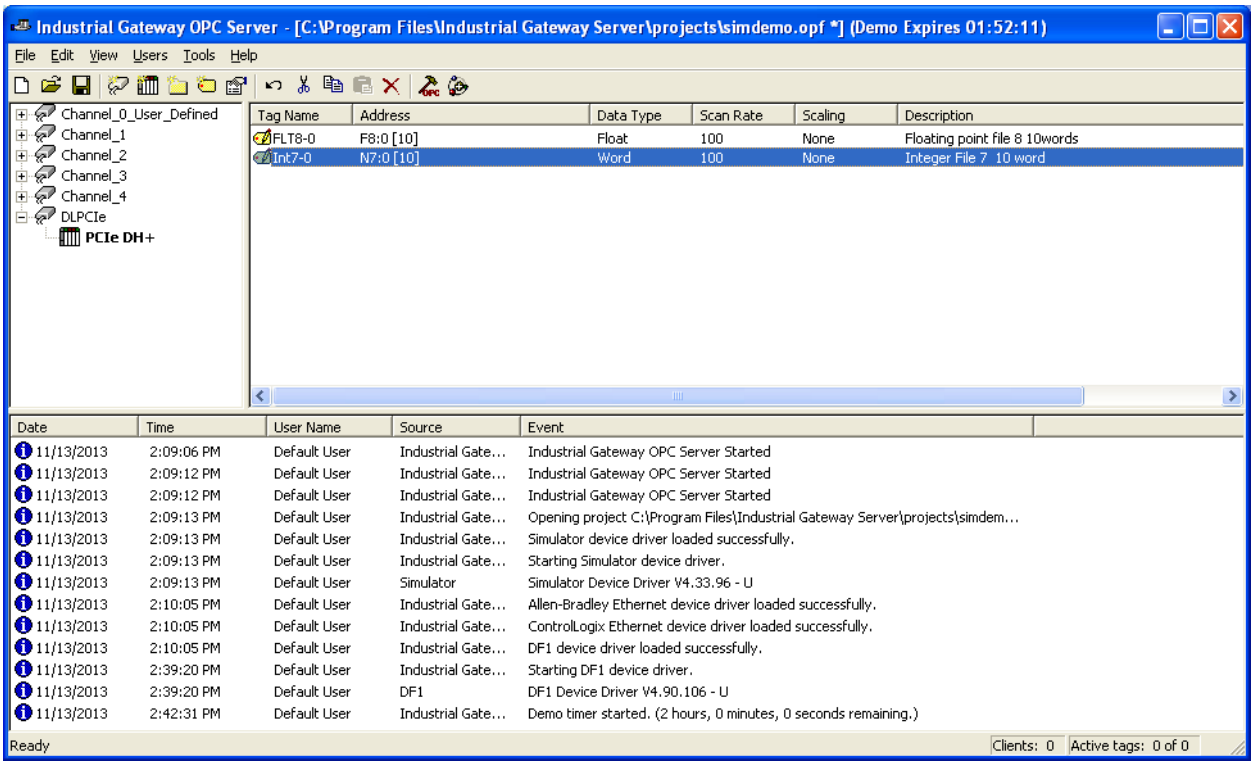
Here we are trying to read 10 words from Integer file 7 starting at word 0



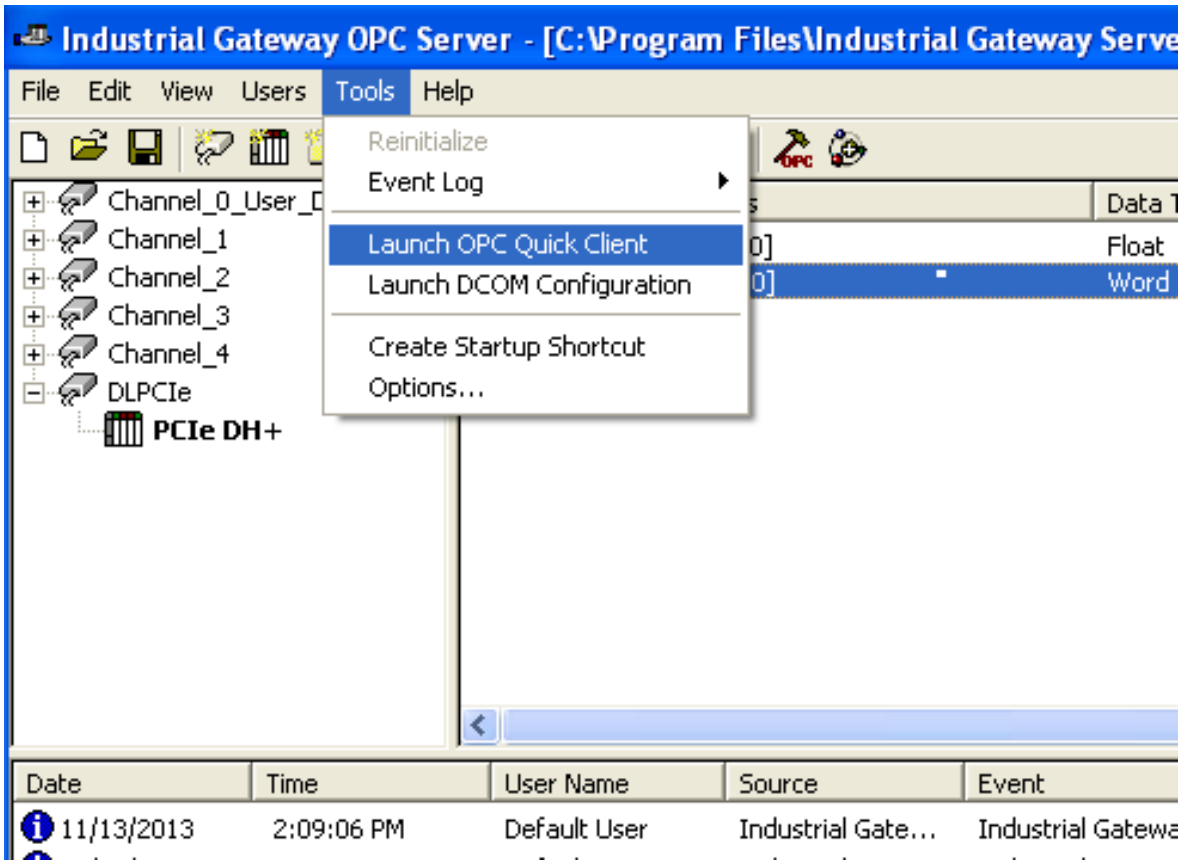
Next tag Floating point file F8 starting at word0 .



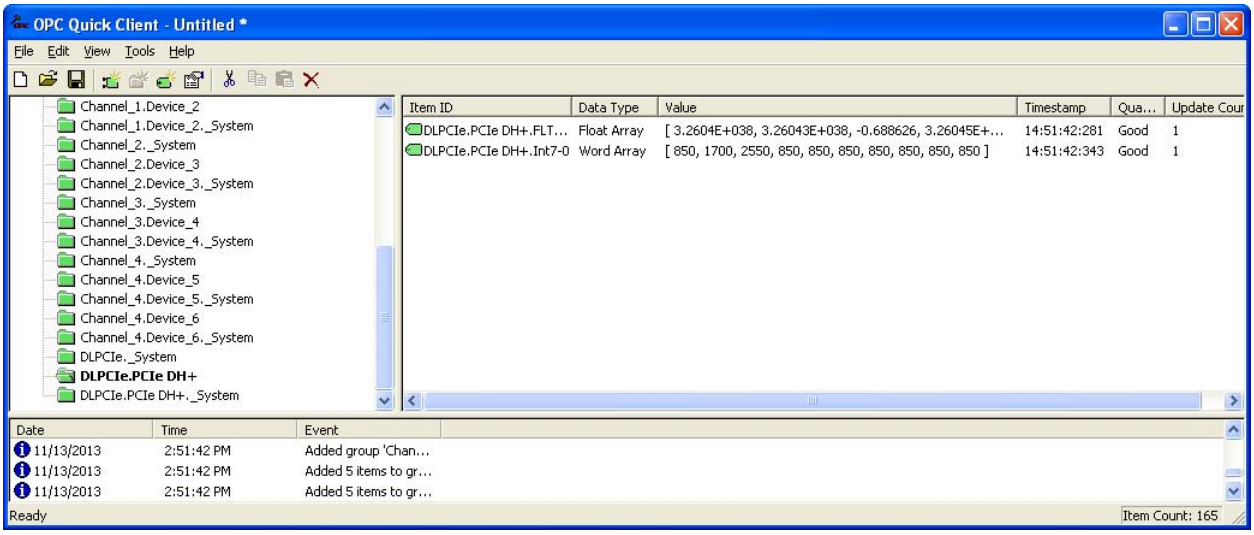
Click on apply.



Under Tools click on lunch OPC Client.



As you can see below we are able to read the N7 and F8



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