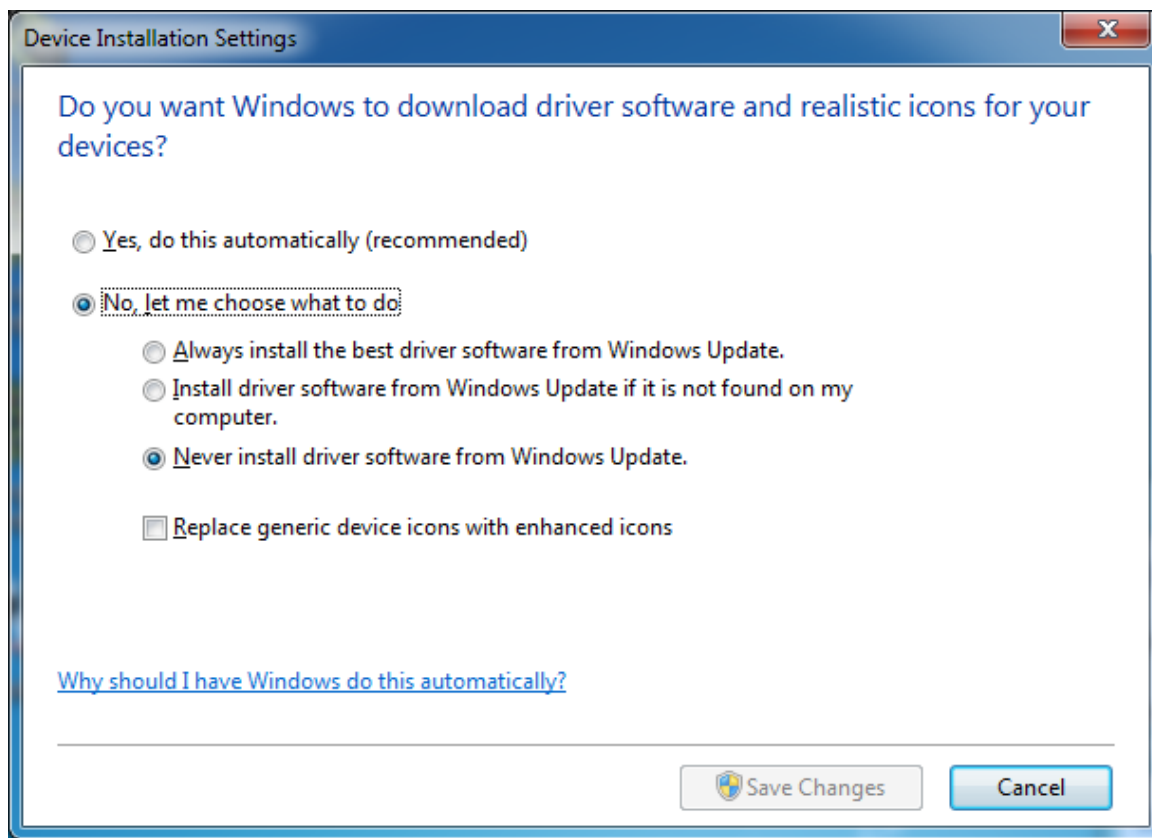
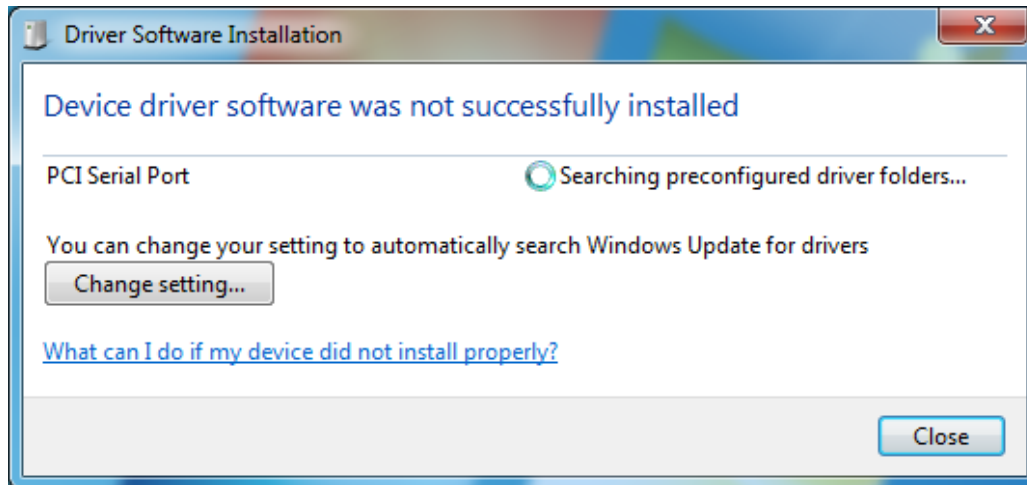


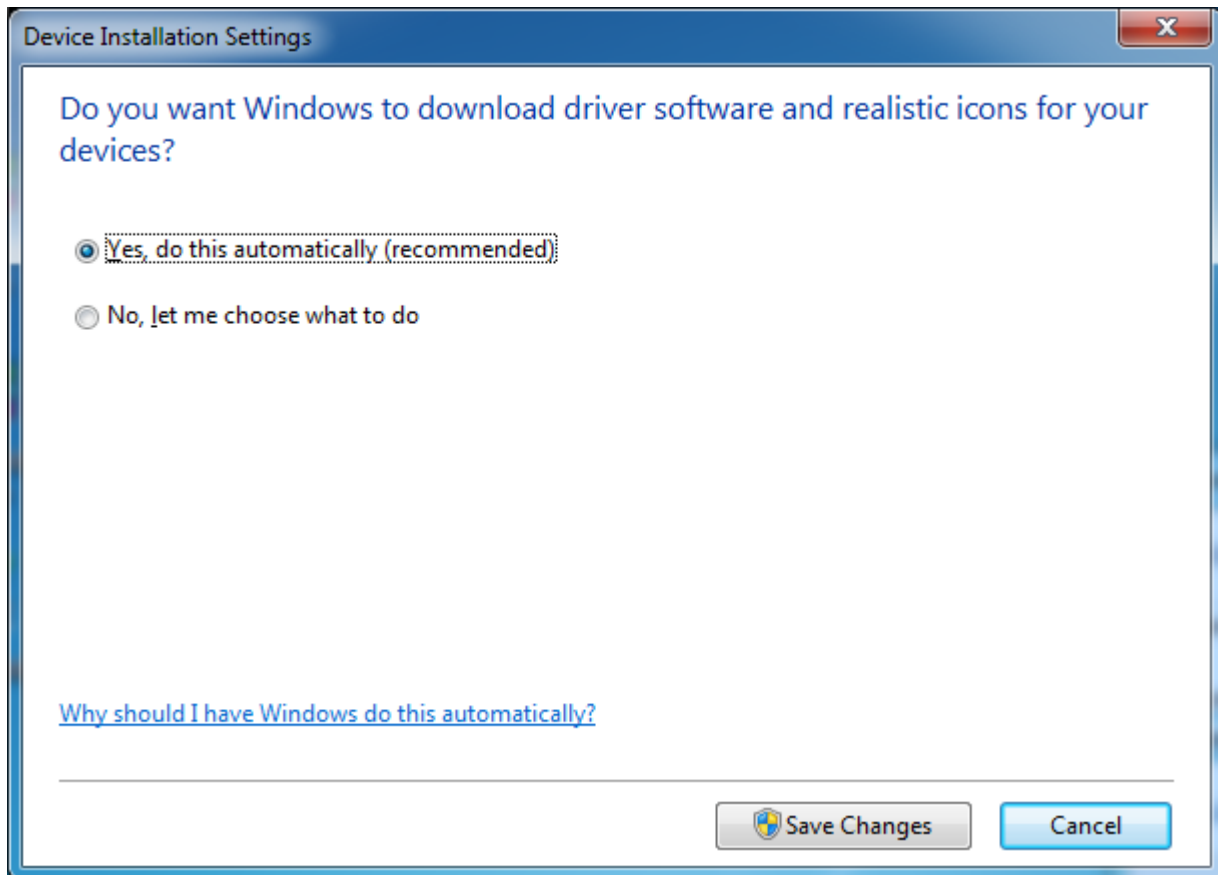
Equustek DLPCIe (Allen BradleyDF1 to DH+ / DH485) PCI Express Bus Card with Windows 7

In case Windows 7 does not successfully install the DLPCIe driver like what you see in the following screen shots.

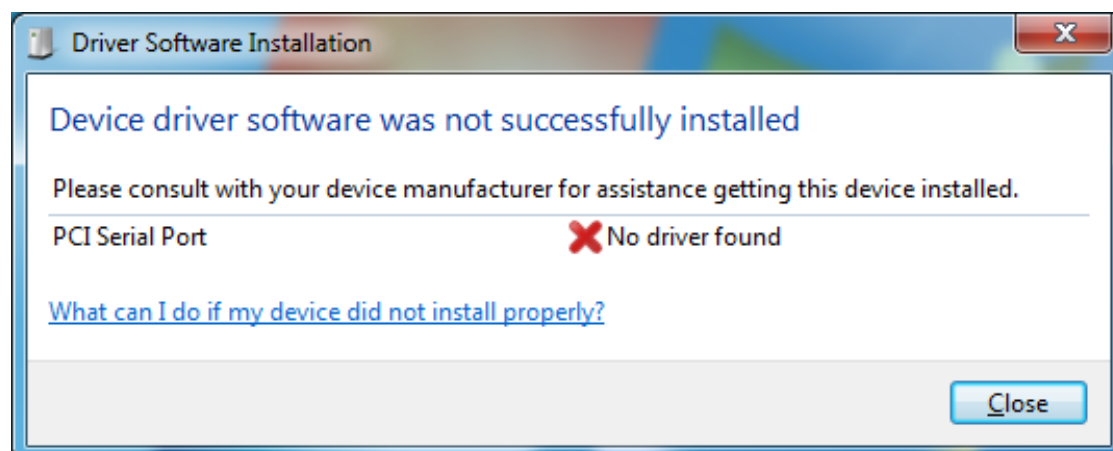
Click on Change setting..



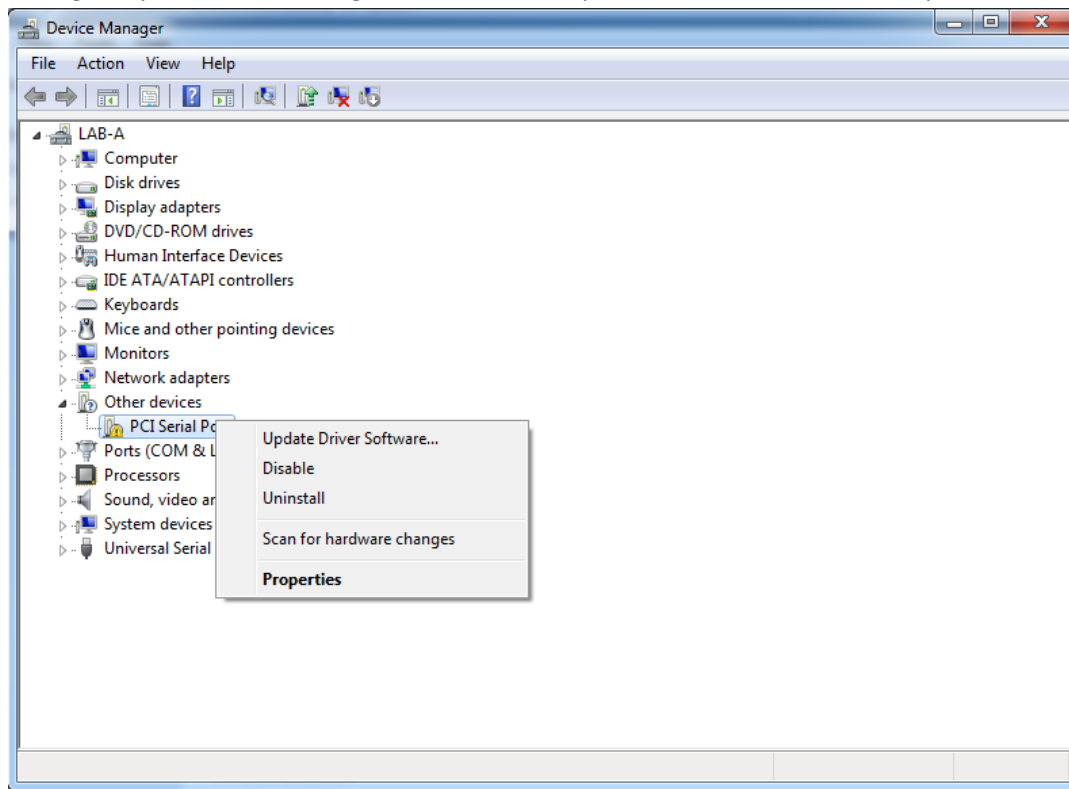
Change it to Automatic update.



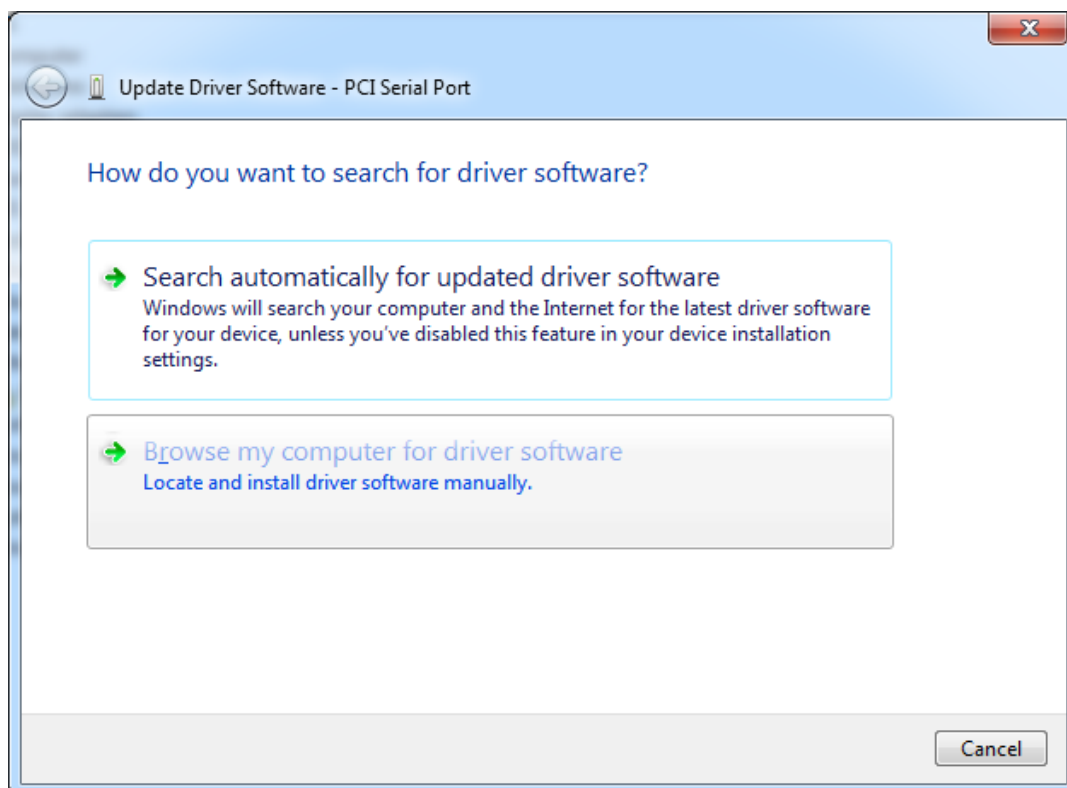
And if it still does not find the driver like what you see below.



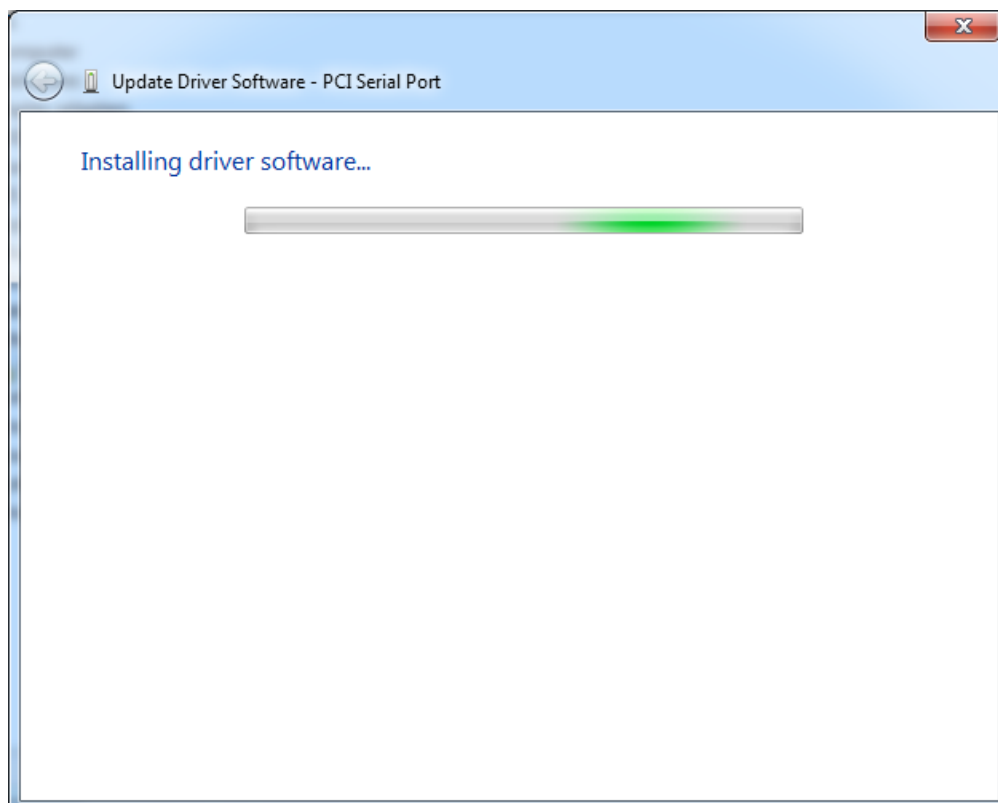
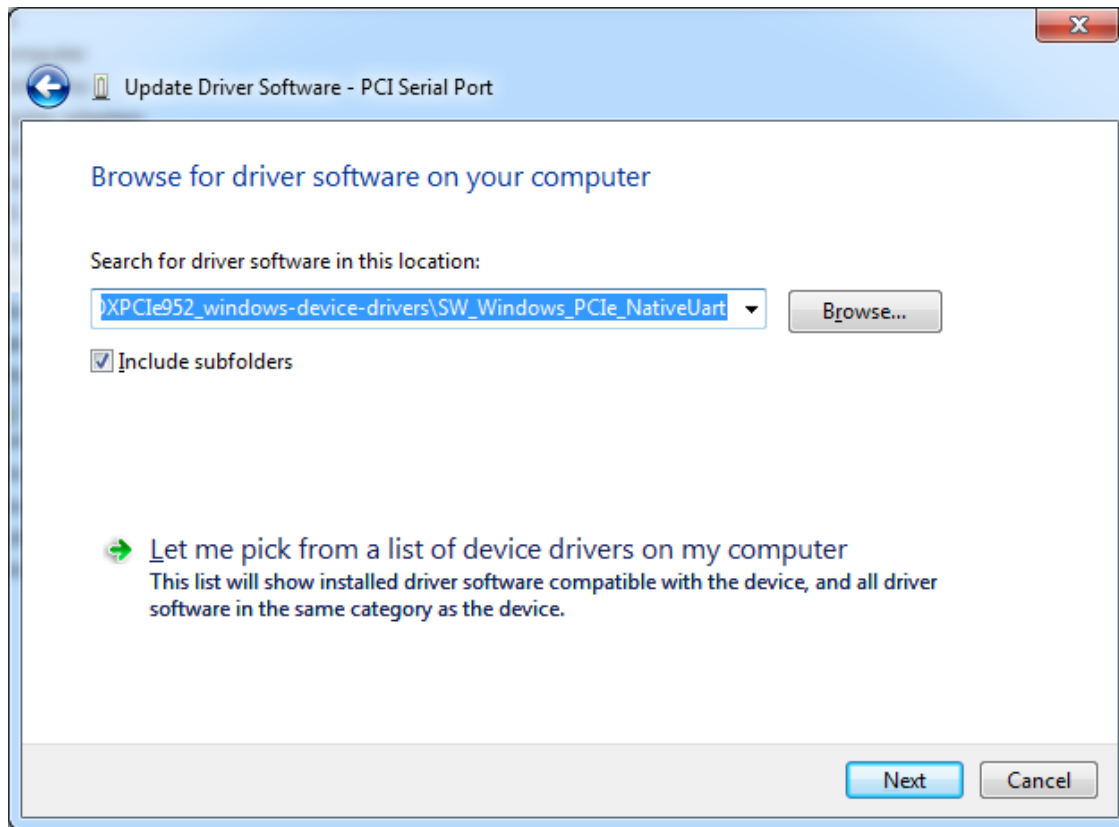
Then go to your device manager and look under ports and LPTs and click on update driver software.



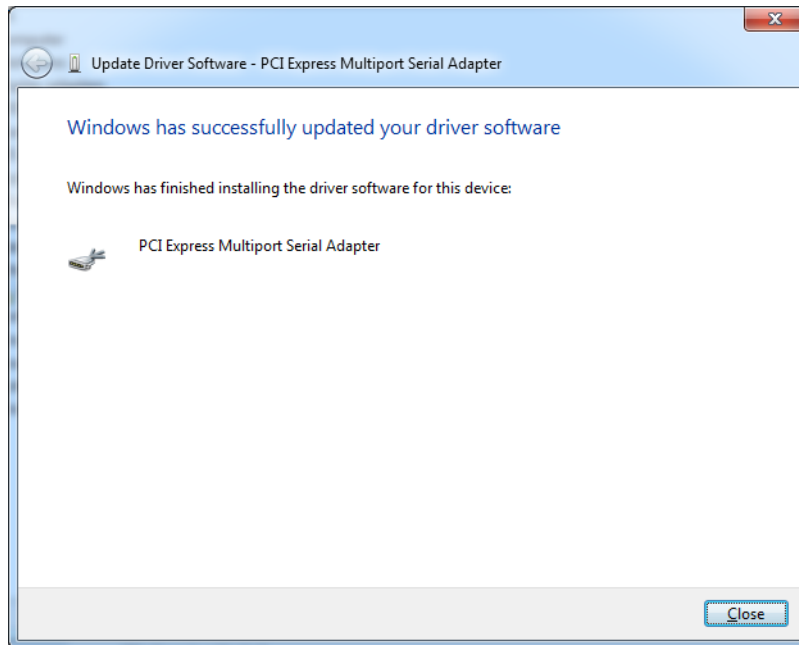
Choose Browse my computer.



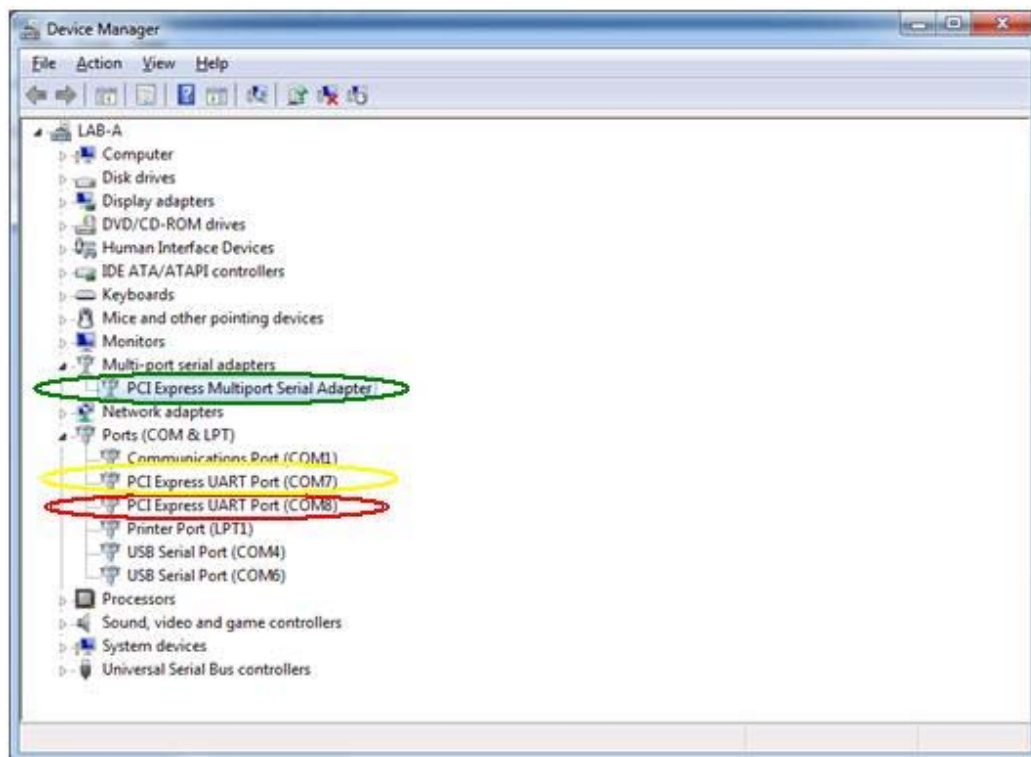
Browse to where the SW_Windows_PCl_e_NativeUart folder is on your CD and click on Next



Wait until you see



The two serial port numbers will differ from one PC to another and you can change the number to your desired available one.



That will complete the installation of the PCI Express driver for the card.
please note that in Win7 the second port is used for setting up the DF1 drive, later on.

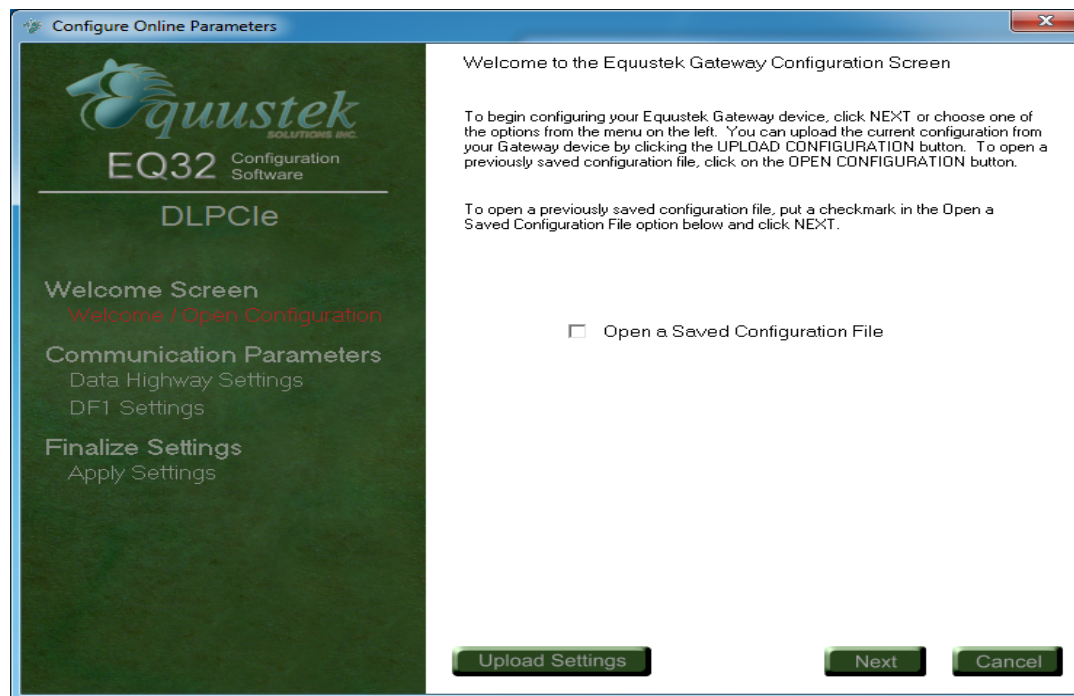
To configure the card using EEPROM settings, start the EQ32 configuration software and select DLPCle



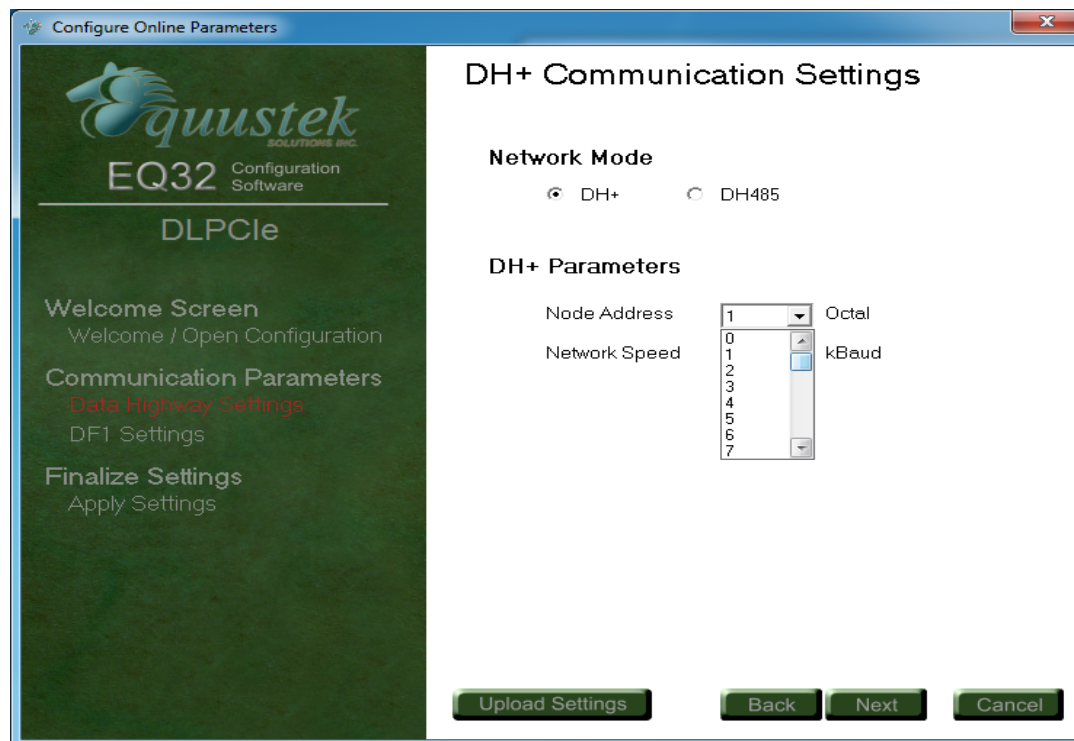
Select the COM port number you saw in previous screen shot the second one circled in red COM8 and click on configure.



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.



Select your DH+ baud rate.

The screenshot shows the 'Configure Online Parameters' window for the 'quustek' EQ32 Configuration Software. The left sidebar contains a navigation menu with 'Welcome Screen', 'Communication Parameters' (highlighted), and 'Finalize Settings'. Under 'Communication Parameters', 'Data Highway Settings' is selected. The main area is titled 'DH+ Communication Settings'. It includes a 'Network Mode' section with radio buttons for 'DH+' (selected) and 'DH485'. Below is the 'DH+ Parameters' section with 'Node Address' set to 1 (Octal) and 'Network Speed' set to 57.6 kBaud. A dropdown menu for 'Network Speed' is open, showing options: 57.6, 115.2, and 230.4. At the bottom are buttons for 'Upload Settings', 'Back', 'Next', and 'Cancel'.

Configure Online Parameters

quustek SOLUTIONS INC.
EQ32 Configuration Software
DLPCle

Welcome Screen
Welcome / Open Configuration

Communication Parameters
Data Highway Settings
DF1 Settings

Finalize Settings
Apply Settings

DH+ Communication Settings

Network Mode
☒ DH+ ☐ DH485

DH+ Parameters

Node Address: 1 Octal

Network Speed: 57.6 kBaud

57.6
115.2
230.4

Upload Settings Back Next Cancel

Now you need to set up DF1 parameters.

The screenshot shows the 'Configure Online Parameters' window for the 'quustek' EQ32 Configuration Software. The left sidebar is the same as the previous window, but 'DF1 Settings' is now selected under 'Communication Parameters'. The main area is titled 'DF1 Communication Settings'. It includes a 'Serial Parameters' section with 'Serial Speed' set to 115200 Baud, 'Parity' set to None, 'Data Bits' set to 8, and 'Stop Bits' set to 1. Below is the 'DF1 Parameters' section with 'Error Checking' set to BCC, 'Duplicate Messages' set to Ignore, and 'Embedded Responses' set to None. At the bottom are buttons for 'Upload Settings', 'Back', 'Next', and 'Cancel'.

Configure Online Parameters

quustek SOLUTIONS INC.
EQ32 Configuration Software
DLPCle

Welcome Screen
Welcome / Open Configuration

Communication Parameters
Data Highway Settings
DF1 Settings

Finalize Settings
Apply Settings

DF1 Communication Settings

Serial Parameters

Serial Speed: 115200 Baud

Parity: None

Data Bits: 8

Stop Bits: 1

DF1 Parameters

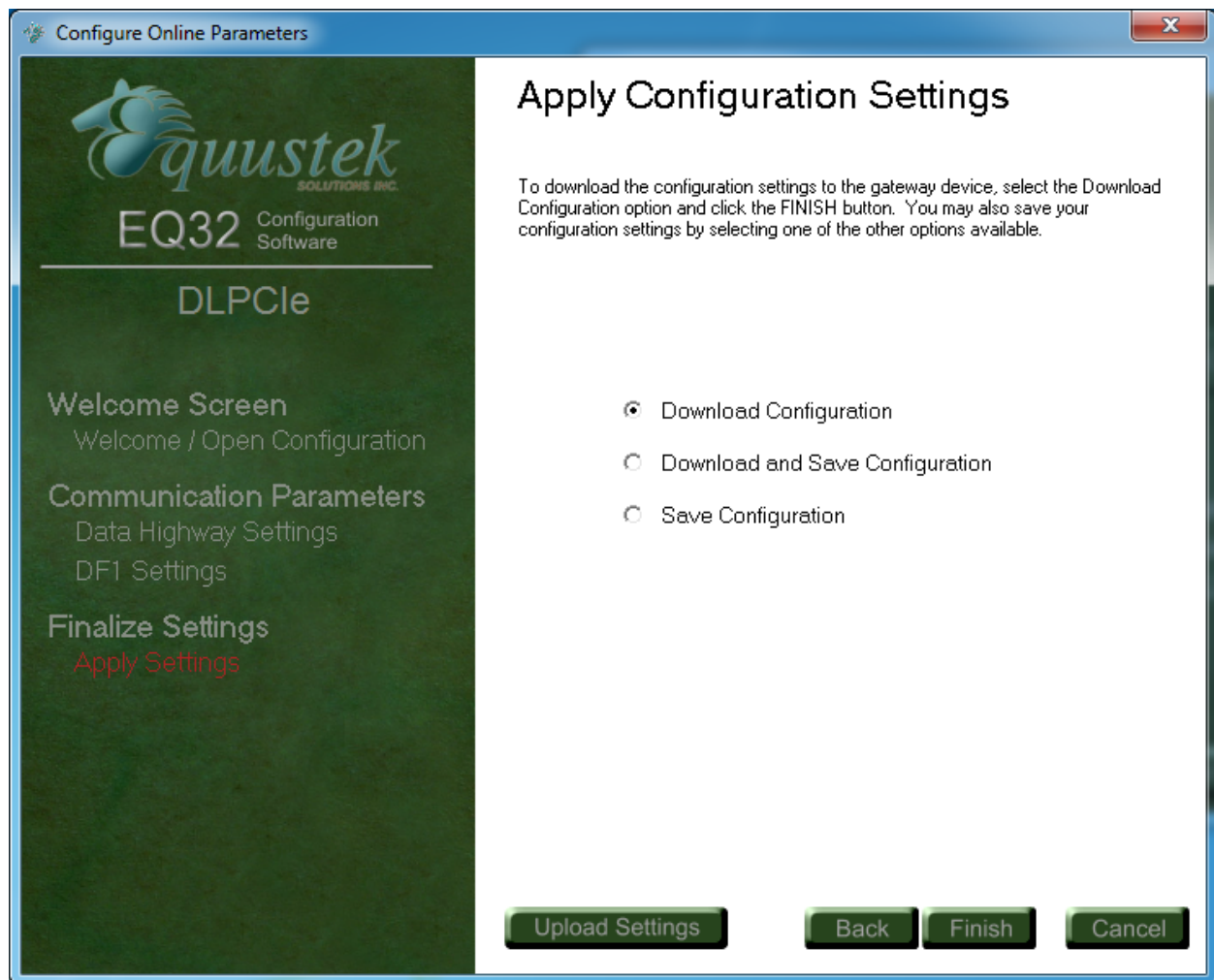
Error Checking: BCC

Duplicate Messages: Ignore

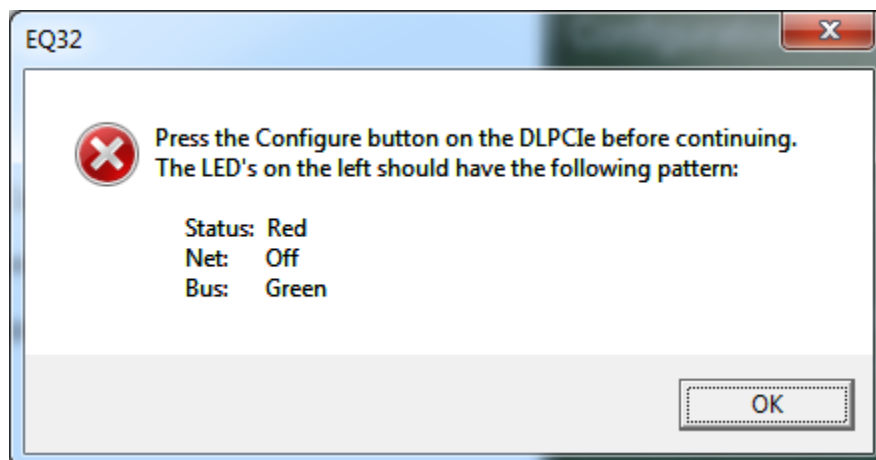
Embedded Responses: None

Upload Settings Back Next Cancel

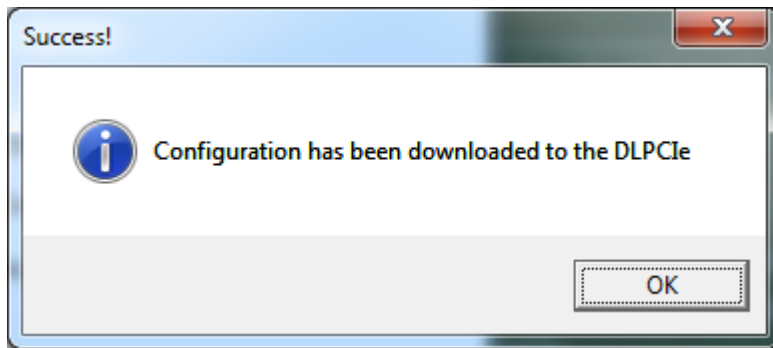
Here you can download your configuration to the DLPCle, and also an option of saving it for future use.



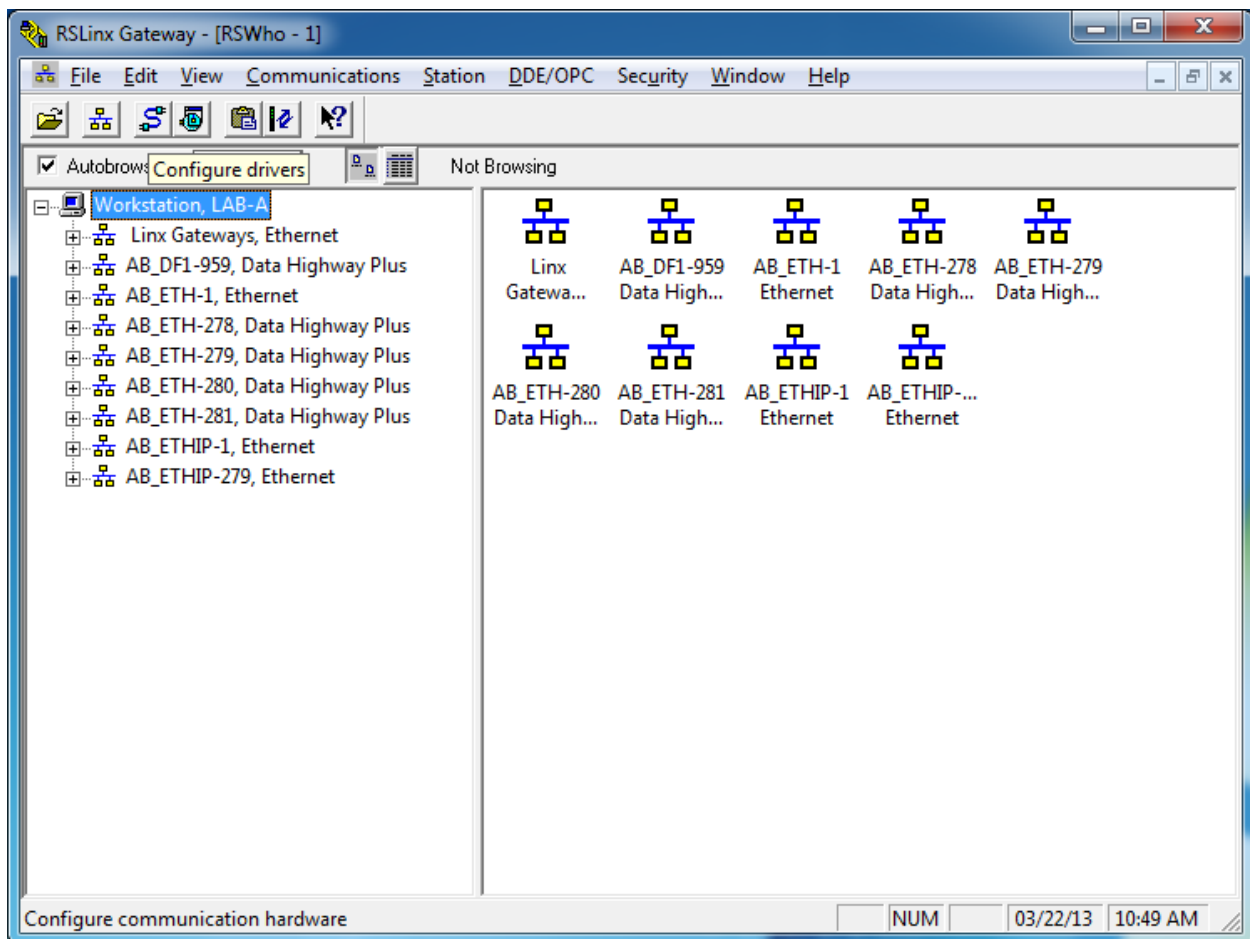
Put the DLPCle in configuration mode by pressing the configuration push button switch on the DLPCle



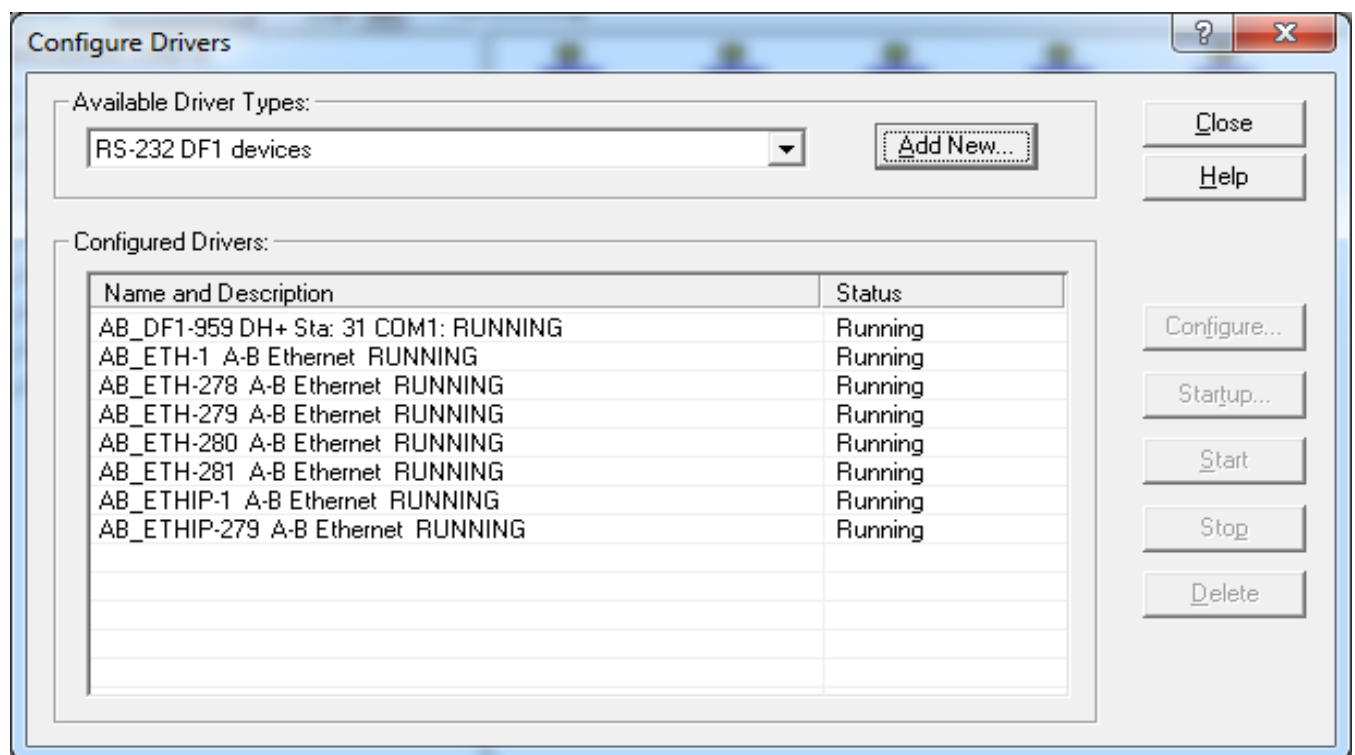
Once downloaded successfully, close the EQ32 configuration software and restart your PC.



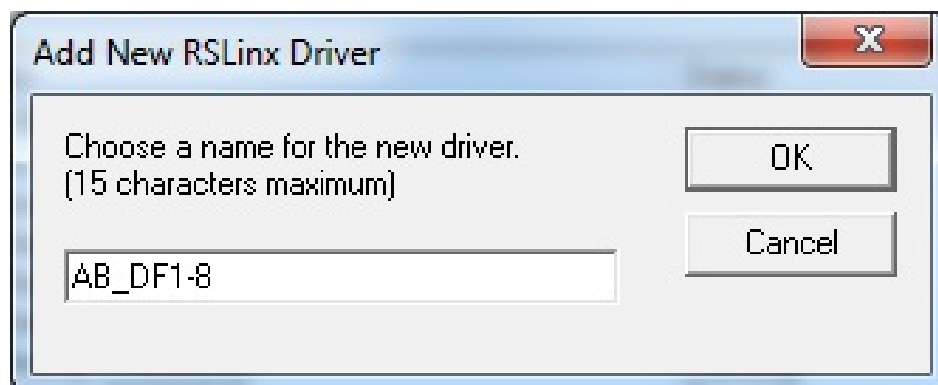
After you restarted your PC, start RSLINX and click on configure drivers.



Select RS232DF1 devices from the available Driver Type, and click on Add New.



Type the name for the driver or just use the default.



Select the serial port which in our example here we saw it was COM8, then click on Auto-Configure, or select all the DLPCle DF1 settings you previously configured the DLCPle in the EQ32, then click on Auto-Configure.

Configure RS-232 DF1 Devices

Device Name: AB_DF1-8

Comm Port: COM8 Device: 1770-KF2/1785-KE/SCANpoi

Baud Rate: 115200 Station Number: 10 (Octal)

Parity: None Error Checking: BCC

Stop Bits: 1 Protocol: Full Duplex

Auto-Configure

☐ Use Modem Dialer Configure Dialer

OK Cancel Delete Help

It should find all the configuration settings as shown below (Auto Configuration Successful), click on ok and close the driver configuration window.

Configure RS-232 DF1 Devices

Device Name: AB_DF1-8

Comm Port: COM8 Device: 1770-KF2/1785-KE/SCANpoi

Baud Rate: 115200 Station Number: 10 (Octal)

Parity: None Error Checking: BCC

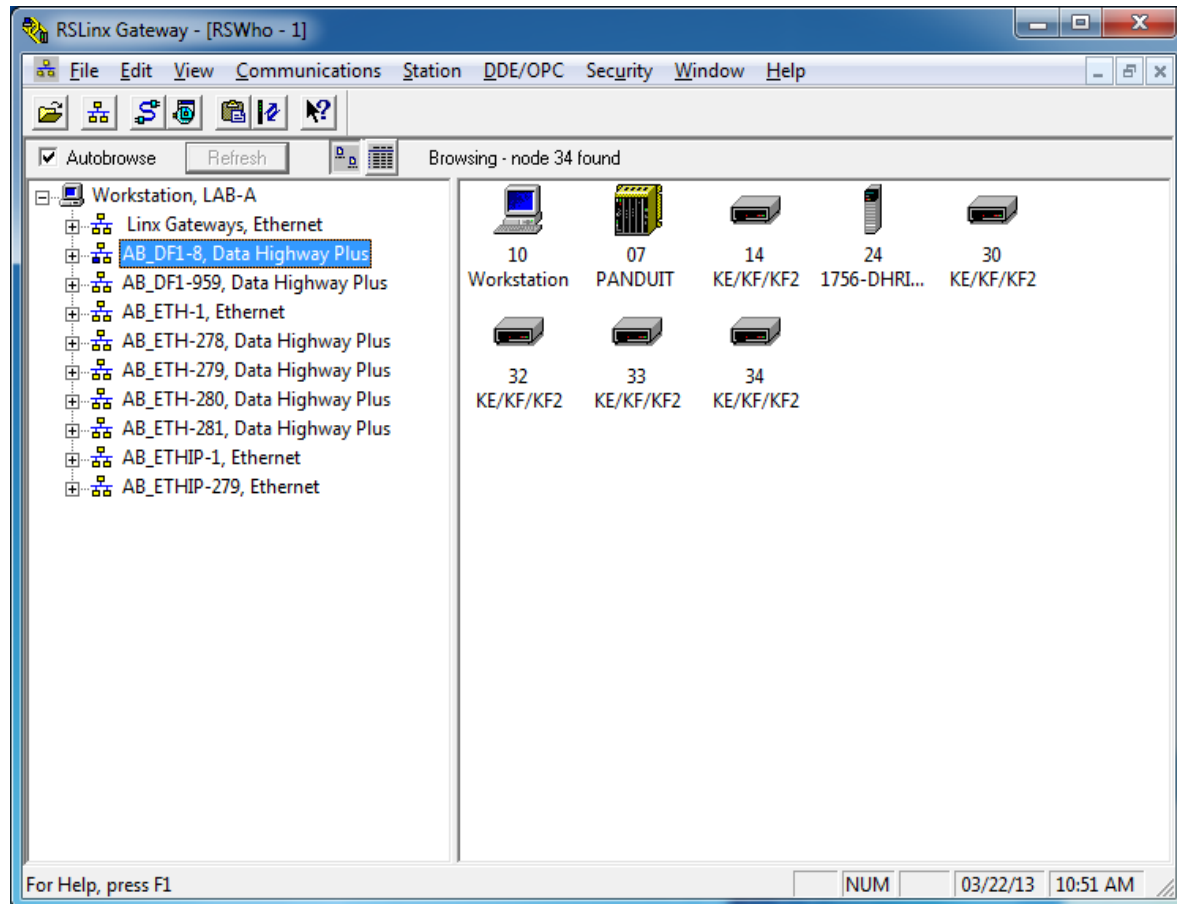
Stop Bits: 1 Protocol: Full Duplex

Auto-Configure Auto Configuration Successfull

☐ Use Modem Dialer Configure Dialer

OK Cancel Delete Help

Once the RS232 DF1 driver is configured, open RSWHO windows, then just highlight that driver and check mark the Autobrowse, that will show all you DH+ nodes that you have on your network.



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