

Procedure How to Setup Computer

Setting Laptop Computer to the Correct TCP/IP Address

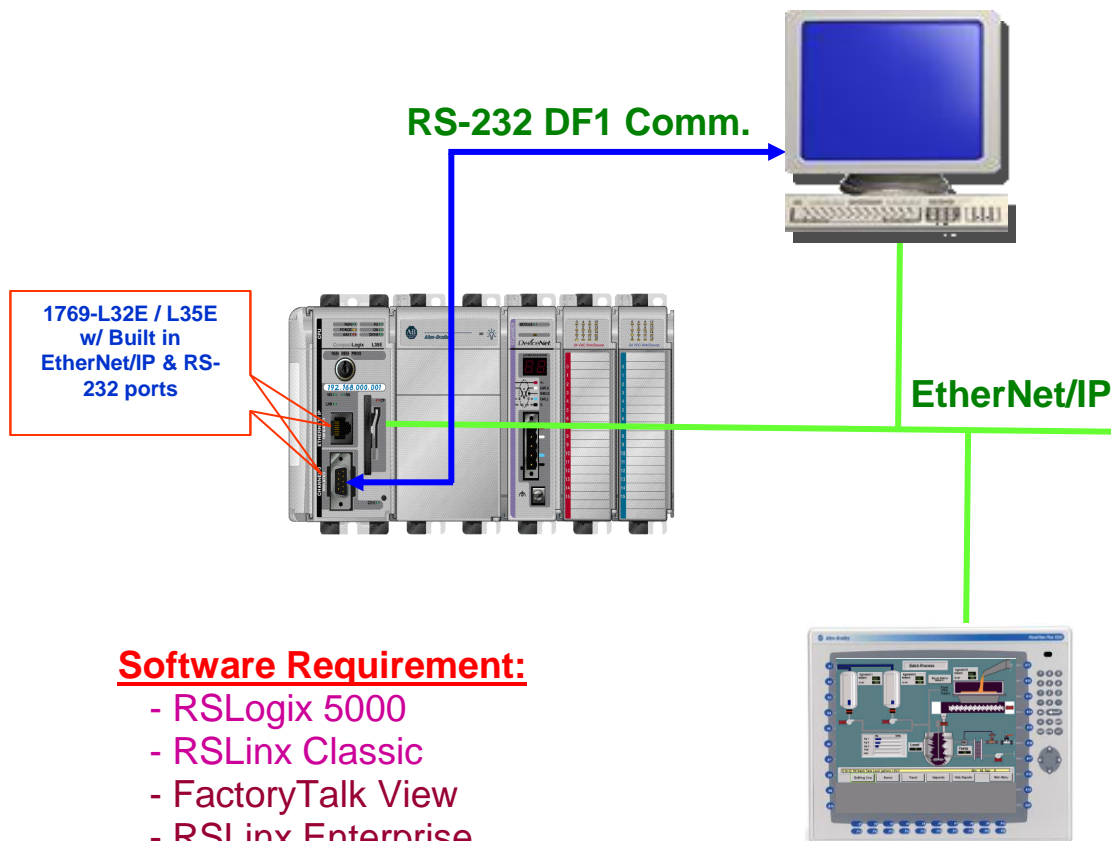
(Sheet 2 - 3)

Configuration RSLinx w/ RS-232 DF1

(Sheet 4)

Configuration RSLinx w/ Ethernet

(Sheet 5 - 7)



Software Requirement:

- RSLogix 5000
- RSLinx Classic
- FactoryTalk View
- RSLinx Enterprise

Hardware

- ❖ Ethernet Cables
- ❖ Switch (if necessary)

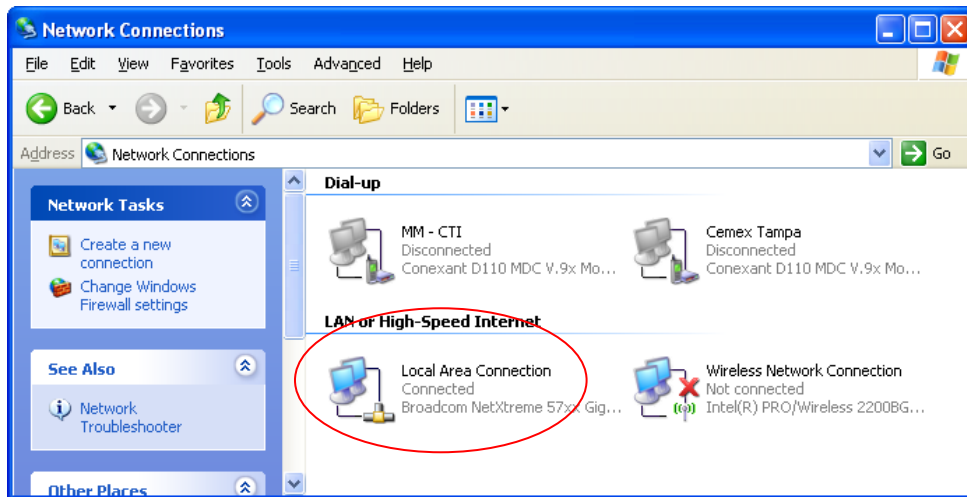
Software

- ❖ Configure IP Address for Computer
- ❖ Configure IP Address for PLC
- ❖ Configure IP Address for PV+
- ❖ Verify Communication Connections

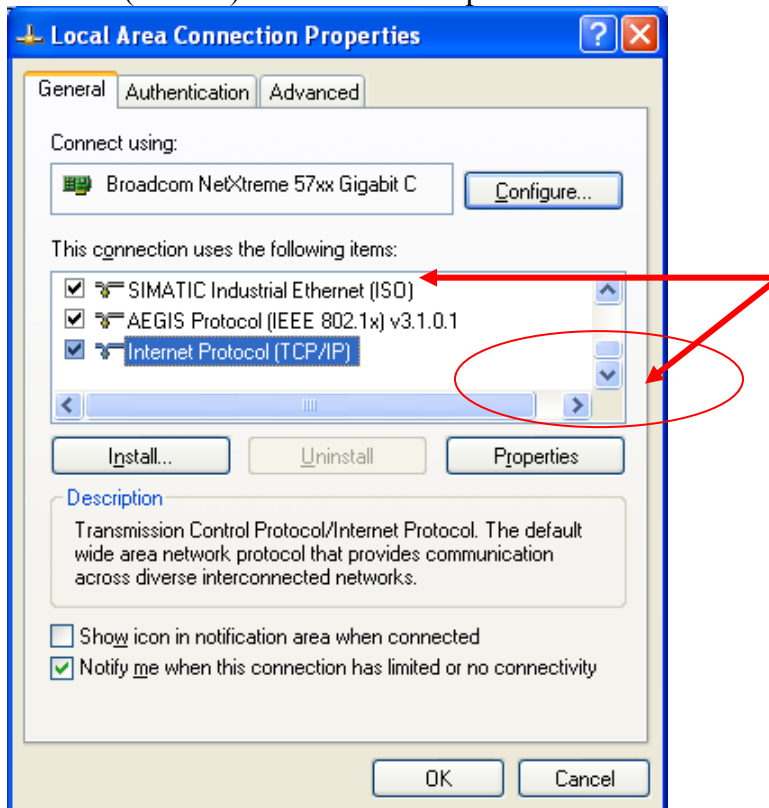
Laptop Computer

Setting Laptop Computer to the Correct TCP/IP Address (Transmission Control Protocol/Internet Protocol)

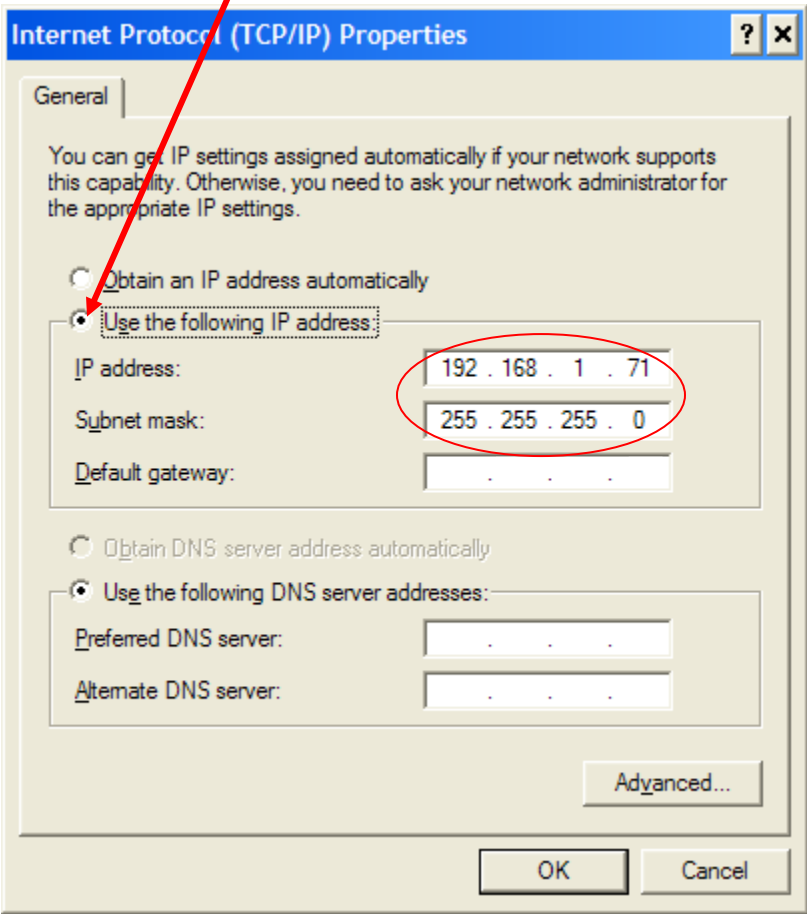
1. From Start Menu, browse to settings and select “Network Connections”
 - **Start → Settings → Control Panel → Network Connections**



2. Right click on Local Area Connection and select “Properties”. Select “Internet Protocol (TCP/IP)” and Choose Properties.



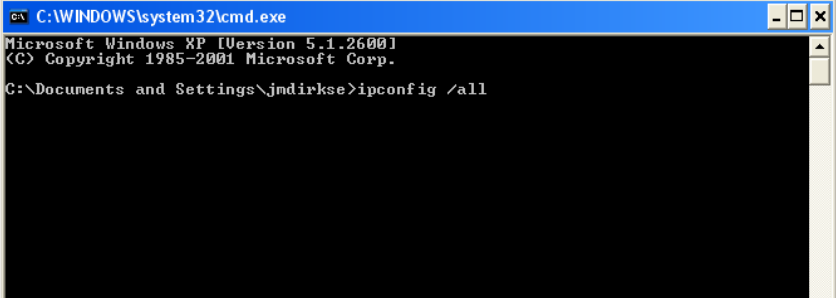
3. Check the “**Use the following IP address**” and enter the correct IP address, Subnet mask, Default gateway of the unit then choose “Ok”.



4. Press “Closed” to closed windows.

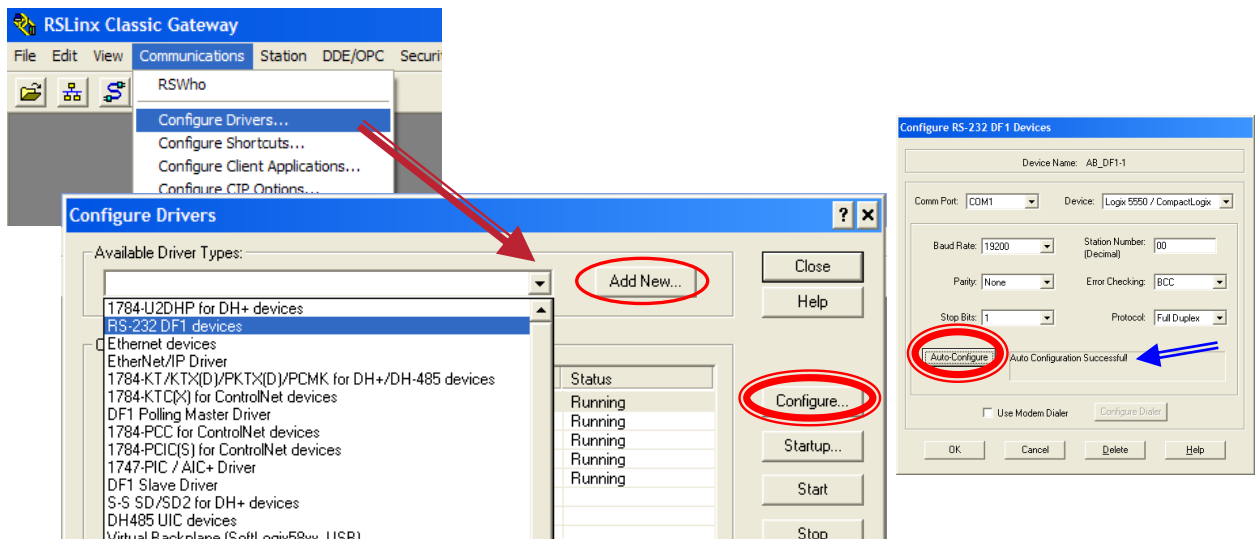
To double check your computer

- Go to **Start** → **Run**
 - Type “**cmd**” and Press Enter
- In Command Prompt:
 - Type “**ipconfig /all**” and Press Enter
 - Should see the entered IP Address once Windows has completed

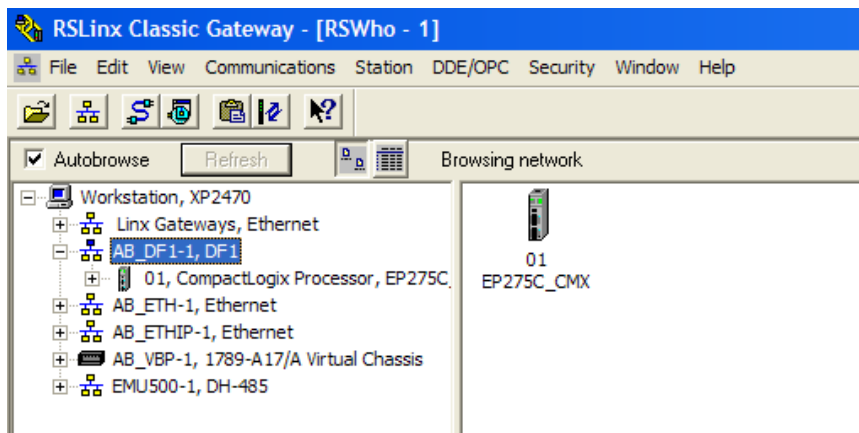


Configuration RSLinx w/ RS-232 DF1

1. Connect Serial Cable (1747-CP3) to Computer & PLC Channel 0
2. Go to Start → Programs → Rockwell Software → RSLinx → RSLinx Classic
3. Select Communications → Configure Drivers
4. Select **RS-232 DF1 devices** from the pull-down list and press ‘Add New’ create RS-232 DF1 devices driver if not already defined
5. Press ‘**Configure**’ then ‘**Auto-Configure**’ button. Confirm for “**Auto Configuration Successful!**”

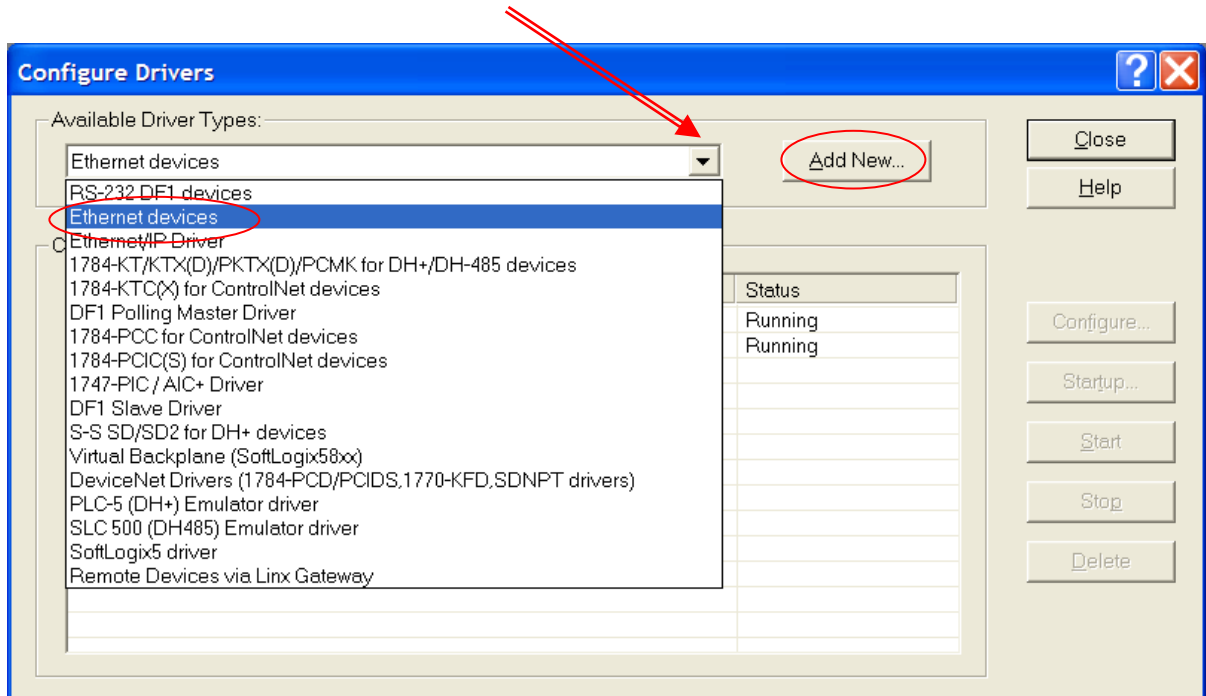


6. Press “OK” to close the Configures RS-232 DF1 Devices window
7. Select Communications → RSWho
8. Expand folder AB_DF1-1, DF1 by press + until display the PLC

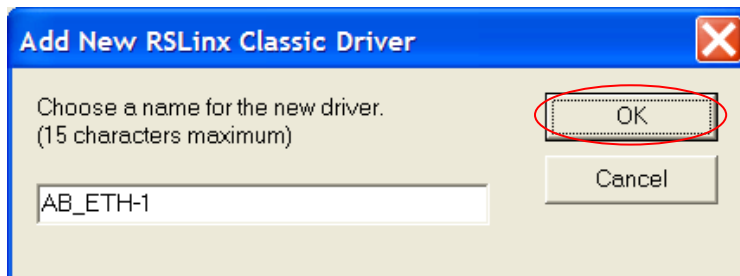


Configuration RSLinx w/ Ethernet devices

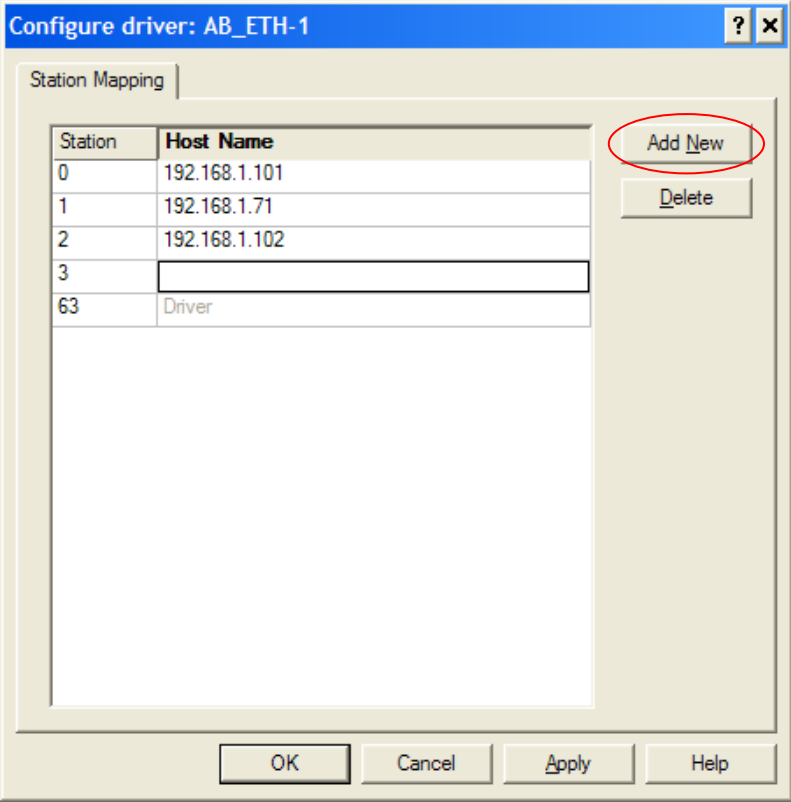
1. Connect Ethernet Cable to Computer & Ethernet port on the PLC
2. Go to Start → Programs → Rockwell Software → RSLinx → RSLinx Classic
3. Start **RSLinx**
4. Select Communications → Configure Drivers
5. Select **Ethernet devices** from the pull-down list and press ‘Add New’



6. Press ‘OK’

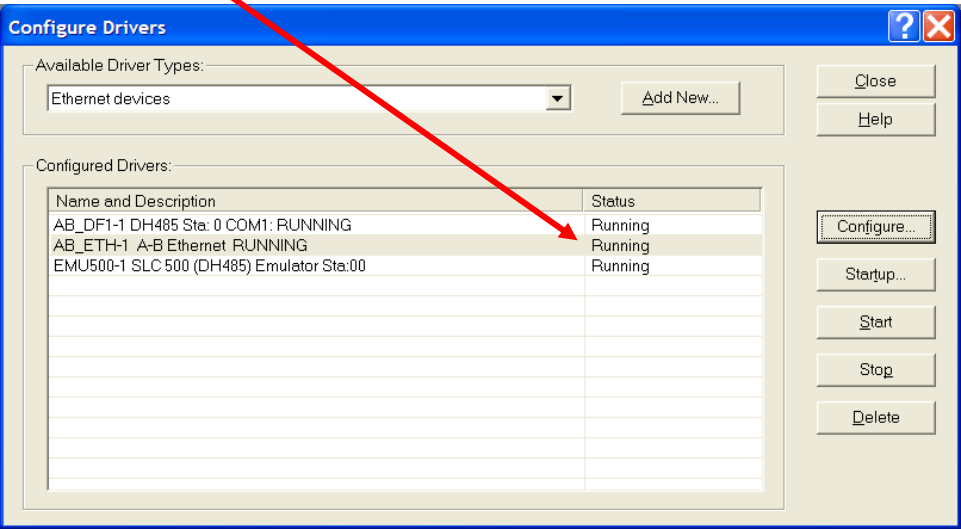


7. Press 'Add New' and type in ALL PLC and PV Plus IP Address that you want to connect.



8. Press 'OK' when complete.

9. Check for 'Running' status.



10. Open 'RSWho' and check for connection.

