How to Set IP Address on ENET-A429
(Windows)

The factory default IP address for Alta ENET devices is 192.168.0.128. You must set your computer to an IP address on the same subnet (192.168.0.x). Go to the Windows Control Panel, View network status and tasks. Click on "Local Area Connection".
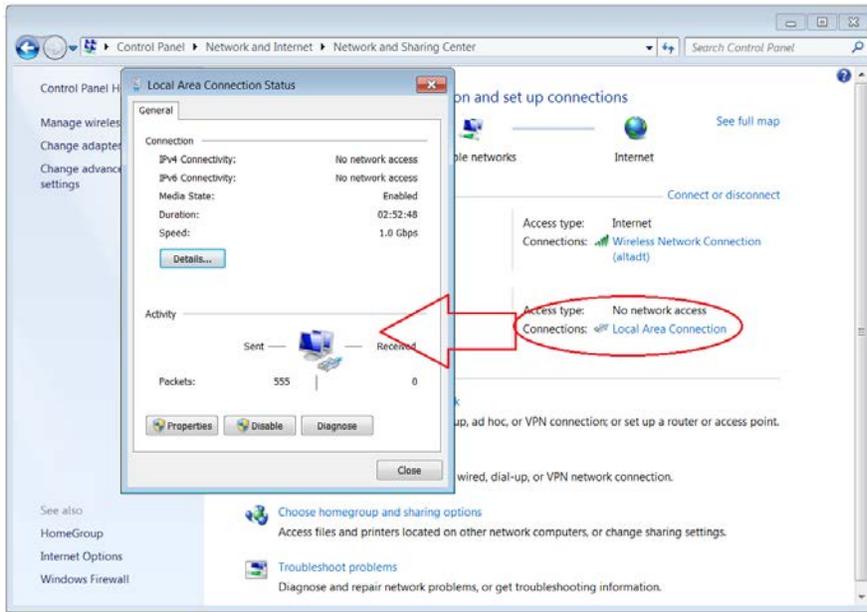
Click on "Properties", select "Internet Protocol Version 4", click "Properties".
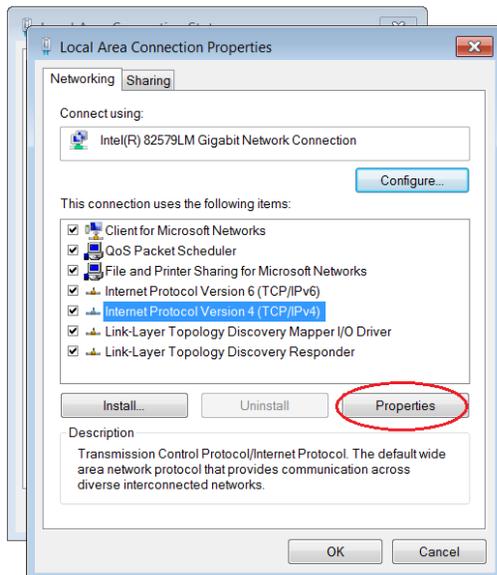
Set a static IP address of 192.168.0.1 as shown here.
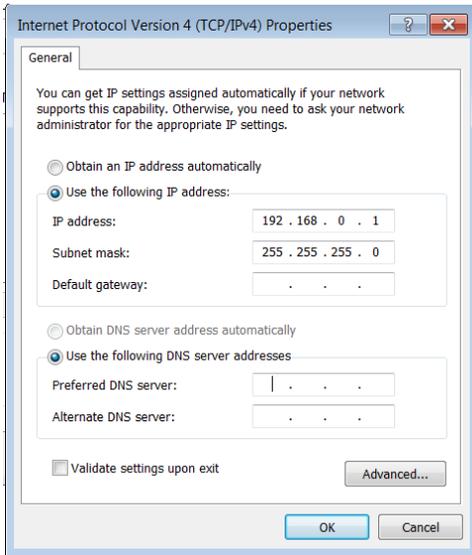
Click OK to back out and close the Windows Control Panel.

Now we can try to open the ENET-A429 device from the AltaView software.
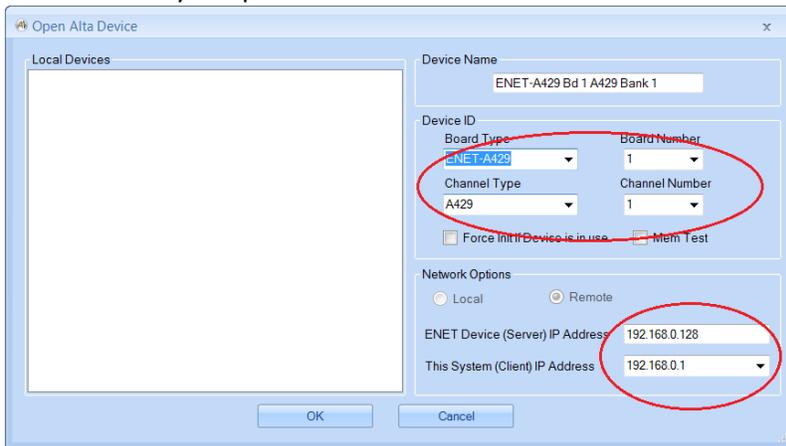
If all goes well we should see something like this:
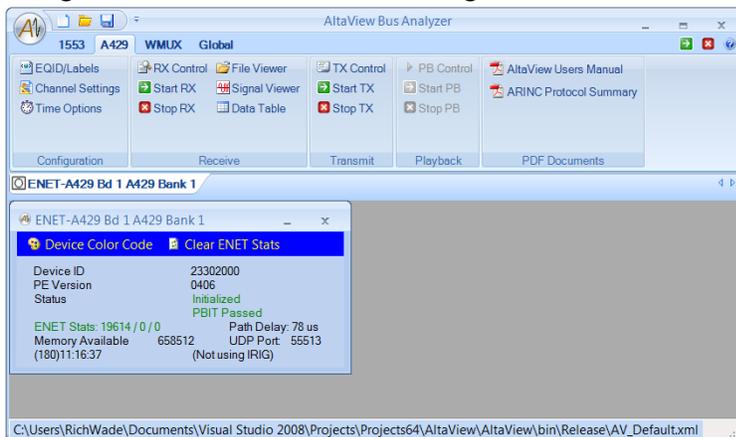
However, if the IP address for the ENET-A429 has been changed and is not what we expect, then we will see an error:
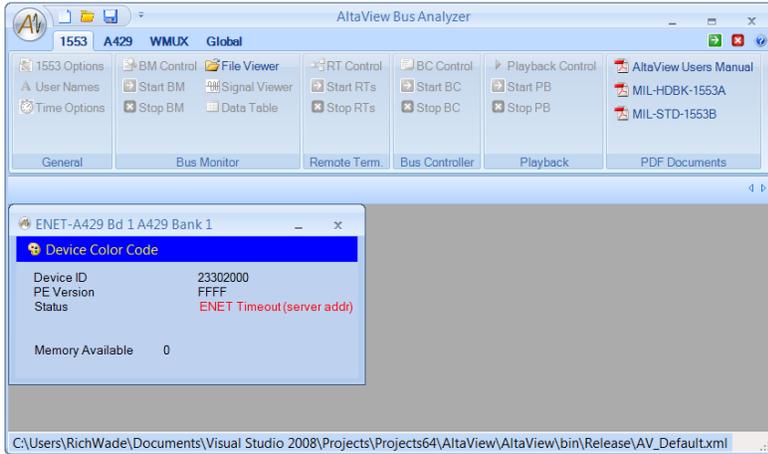
If we don't know the correct IP address for the ENET-A429 device we can use a jumper on the J2 connector to force the device to the factory default IP address (192.168.0.128). We can then use AltaView to program the device with the desired IP address.

The ENET-A429 Hardware Manual shows the J2 pinout, Table A-3 on page 16. Pin 23 is the ~FACTORY IP RESET pin – we need to connect this to GND. I use DB26 pin 11 (pin 8 on circular connector) as a GND line to connect to pin 23. I use the J2 cable assembly with DB26 connector to do this.

Disconnect power to the ENET-A429, jumper pin 23 to GND, then apply power to the ENET-A429.

When the device powers up in reset mode the PWR/BIT LED will be RED.

Now we can use AltaView to open the ENET-A429 **Global device** at the factory default IP address (192.168.0.128). From the Global device we can set the IP address to the desired address.
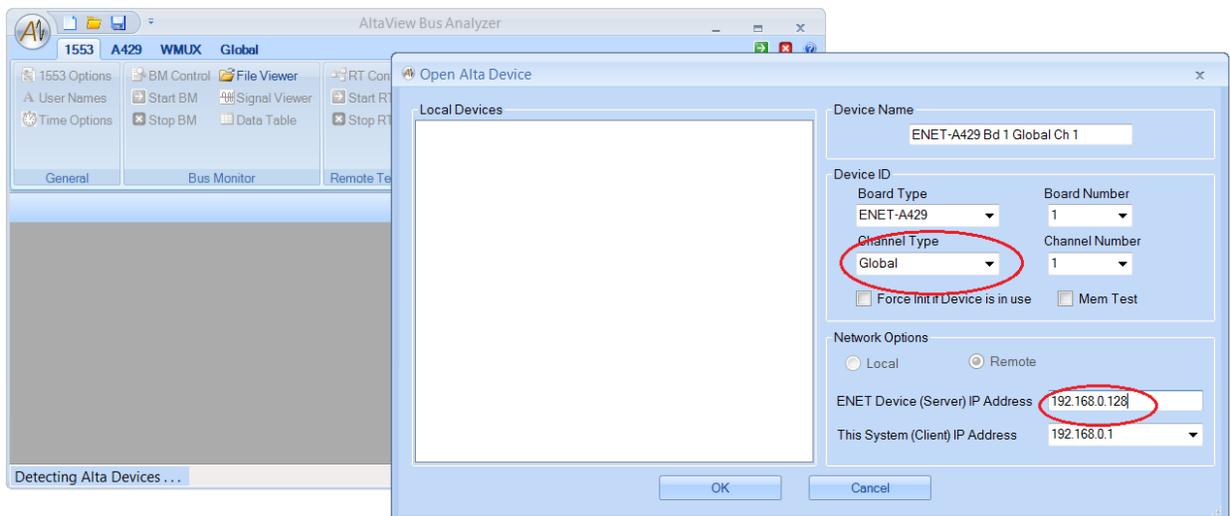
Once the **Global device** is open we have access to the **Global Tools**.

Select the ENET Config tool.
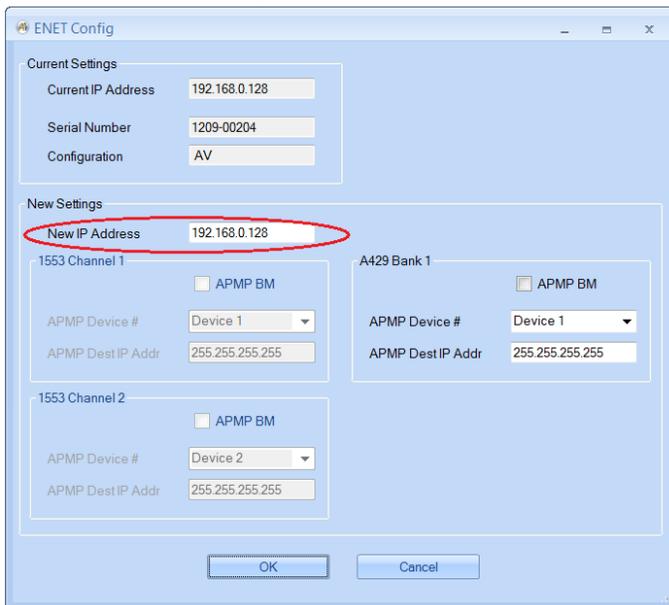
Now you can enter the desired IP Address – we will use 192.168.0.128 to reset the device to the factory default. Click OK to program the device with the new setting.

When programming is complete, close AltaView, disconnect power from the ENET-A429, and remove the jumper from J2.

Apply power to the ENET-A429. Now the PWR/BIT LED should be green. Run AltaView and open the ENET-A429 device at the factory default IP address.
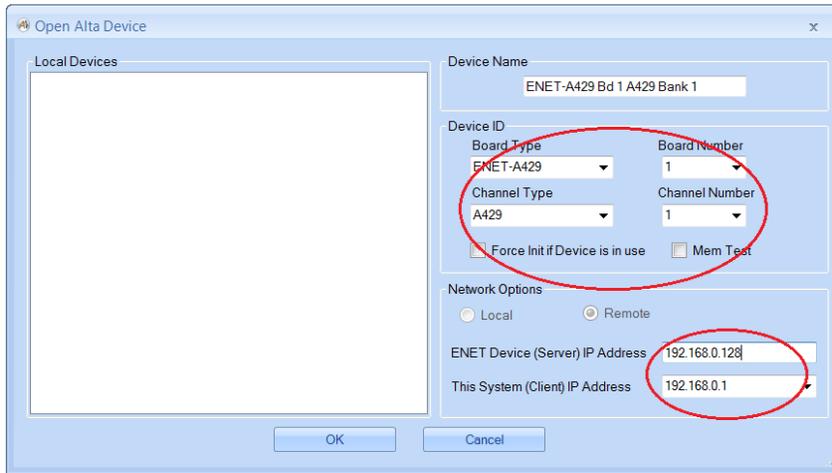
Click OK. Now the device should open successfully.