Upgrading Firmware in a Moxa Unit

Please note that all Moxa units using Progressive DNC will need custom firmware flashed and defaulted in order to work effectively.

If accessing a new Moxa / Connecting a Moxa physically to a PC: Go to Step 1
If accessing an existing Moxa on your network: Go to Step 5

1. Using a **crossover cable**, connect your Moxa device to a computer
2. Plug the Moxa into a power source
   Note: Steps 1 and 2 MUST be done in this order

3. Access Network and Sharing Center > Change Adapter Settings
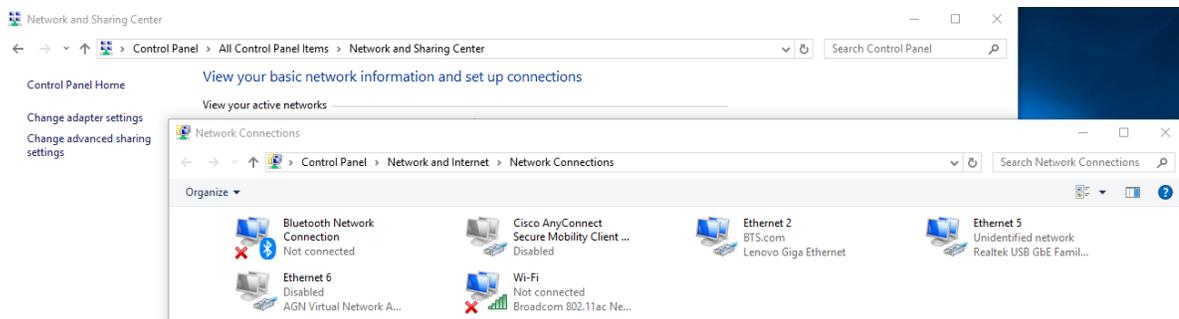
4. Find and select the ethernet port in which you will be connecting the Moxa to. Select Properties > Internet Protocol Version 4. Make sure that particular port is on the same subnet as the moxa unit (the default wired IP address is 192.168.126.254).
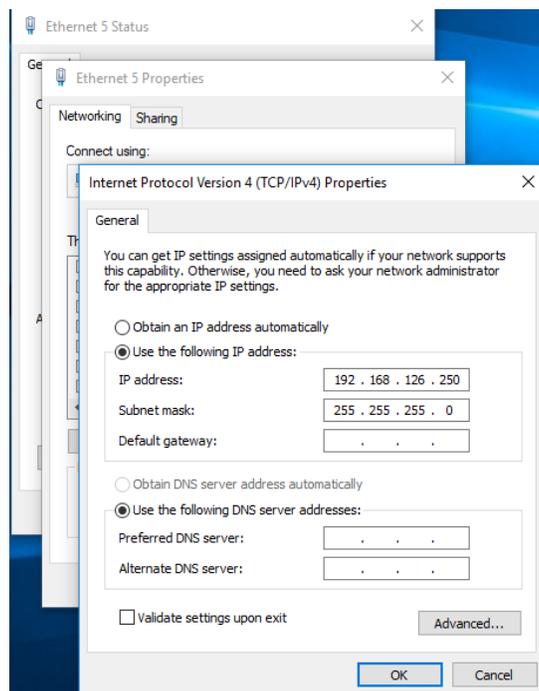
5. In a web browser, enter the IP address of the Moxa unit into the search bar and navigate to it. This will bring you to the login page. Login using the default no-password credentials. If the Moxa device was recently defaulted and does not login using the default credentials, use the password "moxa" to login.

Account   admin ▼

Password

Login

6. On the left-hand side, navigate to System Management -> Maintenance -> Firmware Upgrade.

- Main Menu
  Overview
  Wizard
  Basic Settings
  - Network Settings
  - Serial Port Settings
  - System Management
    - Misc. Network Settings
    - Auto Warning Settings
    - Maintenance
      Console Settings
      Ping
      Firmware Upgrade
      Configuration Import
      Configuration Export
      Load Factory Default
      Change Password
    - Certificate
  - System Monitoring
  - Restart

7. Navigate to the provided firmware file and submit and upload. The moxa should reboot after a couple of minutes.

8. Once the Moxa restarts, follow step 5 to log back into the unit.

9. On the left-hand side, navigate to System Management -> Maintenance -> Load Factory Default.

10. On the next page, **Select Keep IP Settings in order to retain network information if the Moxa unit is currently on your network!!** Failure to do this will result in you having to re-program network settings after defaulting. Select **Submit** to load factory default. If a pop-up prompts to confirm, Select OK. Loading factory default is necessary as vital functions will not work without a factory default after firmware upgrade.

:•Load Factory Default

Click on **Submit** to reset all the settings, including the console password, to the factory default values. To leave the IP address, netmask, gateway and WLAN profile settings unchanged, make sure that **Keep IP Settings** is enabled.

Reset to Factory Default

☑ Keep IP settings

[Submit]