Easy Setup

Prolon Cloud Communication

BEFORE GETTING STARTED

- Although not required, it is highly recommended to have a PL-485-BT converter handy in case a direct connection must be made.
- To enable cloud communication, there must be an internet connection available to:
  - The computer via WiFi or network cable.
  - The PL-NC2000 Network Controller via network cable.
- To setup and access the cloud communication, the user must have previously created a free Prolon account in Focus and must be logged into the account.

STEPS 1, 2 & 3 are required if the existing PL-NC2000 Network Controller is not running version 7.1 or higher. If the PL-NC2000 is already running this version, PROCEED TO STEP 4.

1. Install or update the Prolon Focus software to Focus 7.1 or higher. (www.proloncontrols.com)

2. Locate Network Controller firmware file (BIN file)
   - Ensure that the BIN file is located in the Prolon Controls folder.
   - File path on desktop: C:\ProLon\Focus v.7.1.0\NC2000_V710_ISP.bin
   - The BIN file can also be downloaded from Prolon's FTP site: Click here to download.

3. Update the PL-NC2000 Network Controller firmware to Version 7.1 or higher (Figure 1-2)
   - Connect to PL-NC2000 Network Controller via serial or TCP/IP
   - Double-click the Network Controller icon
   - Config → Device
   - Press on "Reprogram" button
   - Select the BIN file from Step 2, and press on "Start" button to update the Network Controller.

4. Set Network Controller IP Settings (Figure 3)
   - Connect to PL-NC2000 Network Controller via USB, serial or TCP/IP
   - Double-click the Network Controller icon
   - Config → Communication
   - Ensure the "Allow Cloud Communication" box is checked
   - Set the IP mode to DHCP – OR – Static IP + enter valid Local Area Network settings (IP Address, Subnet Mask, Default Gateway)
   - Press Apply
   - Reset the PL-NC2000 Network Controller (Config → Device → "Reset" button)

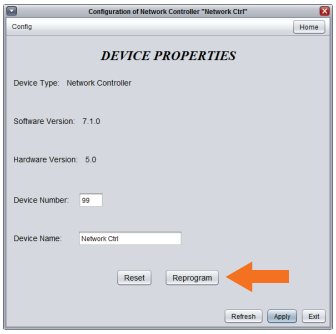

Figure 1

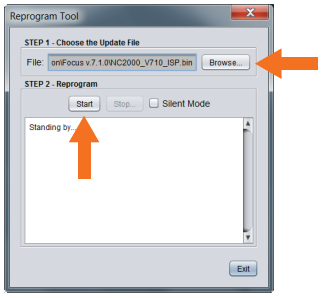

Figure 2

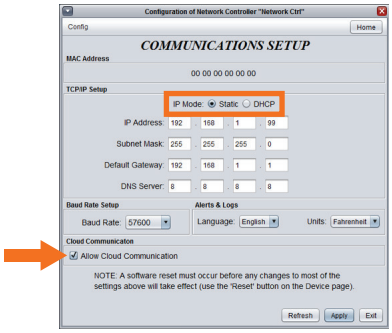

Figure 3

5 Retrieve NCID (Figure 4-5)

- Connect to PL-NC2000 Network Controller via USB, serial or TCP/IP
- Right-click the Network Controller icon
- Select "View NCID"
- Select "Copy to Clipboard"

6 Disconnect communication with the PL-NC2000 Network Controller

- Click on the "Disconnect" button in the Connection side panel

7 Claim the PL-NC2000 Network Controller (Figure 6-7)

- Access Connection menu:
  Project → Setup → Connection tab
- Select Type: "Cloud"
- Below, click on "Claim NC"
- Right click and "Paste" NCID. Press "Claim" button.
- Click on Save
- Click on the "Connect" button in the Connection side panel

8 Confirmation Cloud communication is active (Figure 8)

- Upon clicking on the "Connect" button, a green checkmark will appear thus confirming the communication is now active.

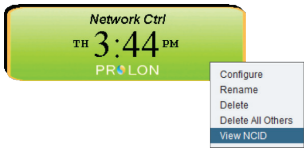

Figure 4

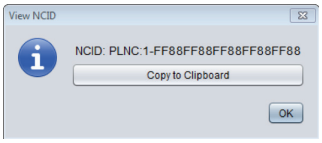

Figure 5

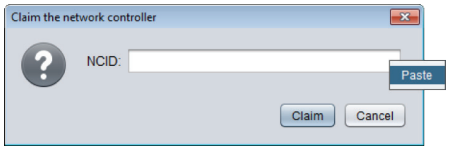

Figure 6

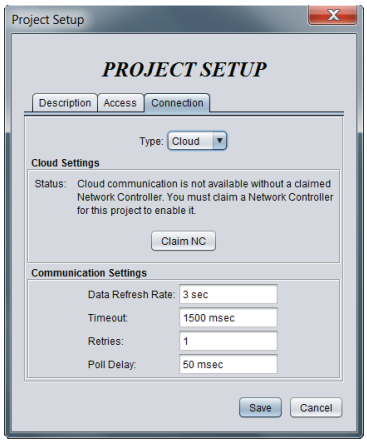

Figure 7

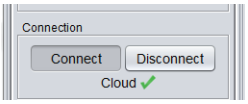

Figure 8

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