Change Parallax PCA and Exact V2 IP Address

Current Factory Default IP Addresses for Parallax
PCA NIC: 192.168.0.100
Exciter 1:   192.168.0.209
Exciter 2:   192.168.0.210

Here is the Username and Password for:
Parallax PC if the screen has been Locked, user: PCA; password: X
Exact V2 exciters user: Administrator;   password: admin

Note: Both exciter IP addresses will need to be changed first through the PCA Gui. After these changes, the computer will no longer be able to communicate with the Exciters until the computer NIC card has been changed to be on the same Network as the exciters. The app config file also needs to be edited with the new exciter addresses.

1. Double click the **pca-gui** icon if it is not already open. The PCA opens.
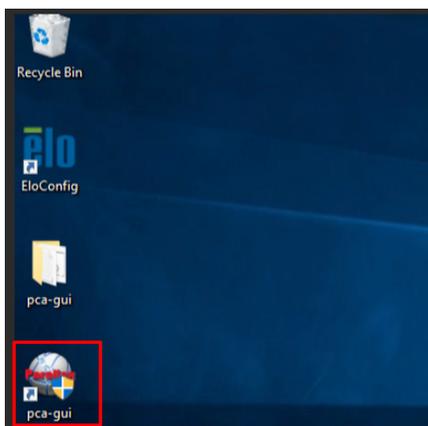
Note: If the pca-gui is already open and has been locked, select the **Unlock Control** to unlock it. The Unlock Control prompt opens. Type in the box the following password: **changeme**. When finished, select **OK**. The Green Unlock Control button clears to a neutral status represented by the standard gray button color.

2. Select **System Configuration** in the Navigation Bar. The System Configuration screen opens.
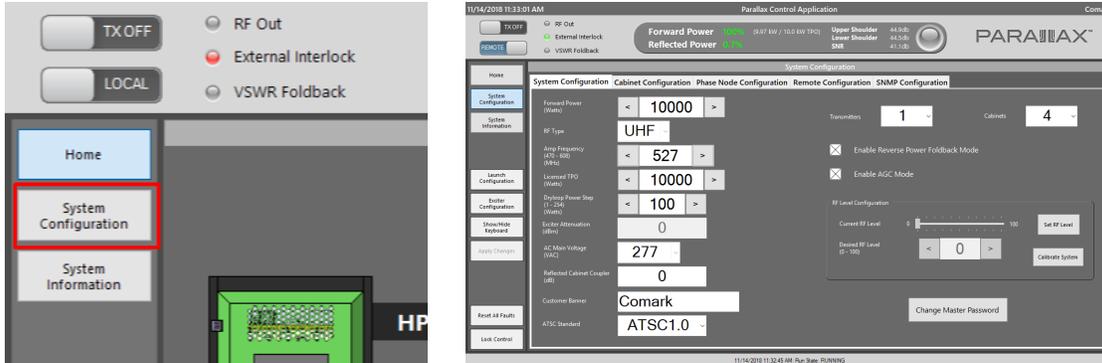
3. Select **Exciter Configuration** in the Navigation Bar. A drop down menu for Exciter 1 and Exciter 2 appears. Select the Exciter you wish to make the IP changes to. The Exciter X Setup screen opens.

4. Select **Administrator** from the drop down menu for the User and then enter in the following password in the field found below: **admin**.
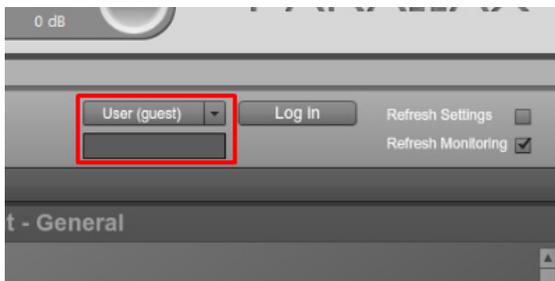
5. Select **Login**.
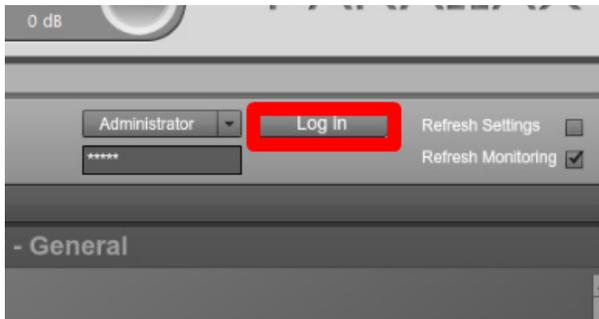
6. Under **Control 1**, make the necessary IP changes to the **Address**, **Subnet Mask**, and **Gateway** fields.
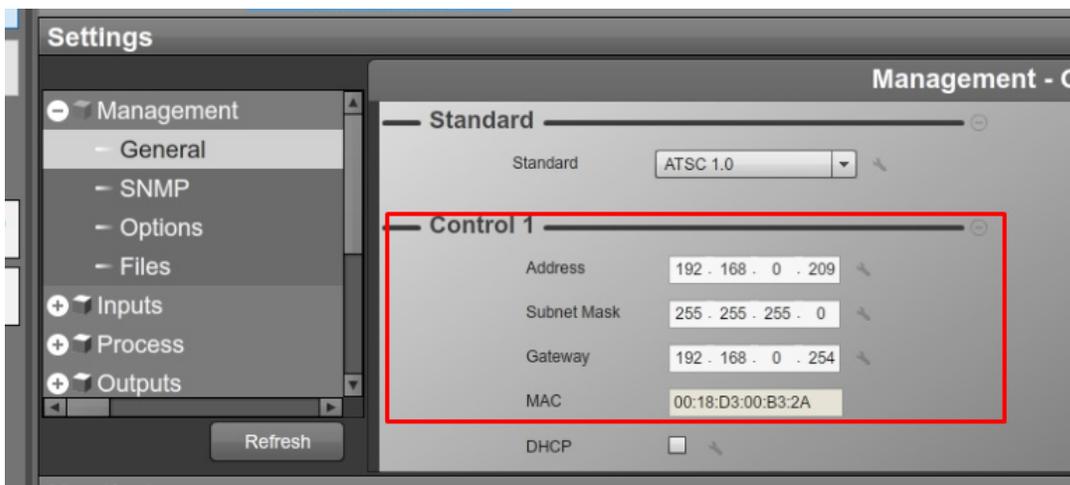
7. Once you have made the necessary changes, the Apply button appears in order to save these new changes. Select **Apply**.
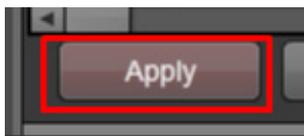
8. Select **Log out** to exit out of the Exciter. If you have another Exciter to change, return to Step 3 and complete steps for the second Exciter. If not, proceed to Step 9.
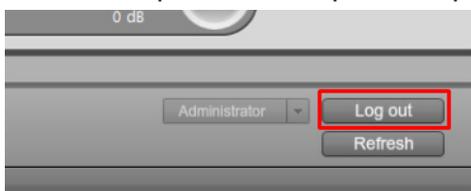
9. Select **Home** in the Navigation Bar. The Home screen opens.
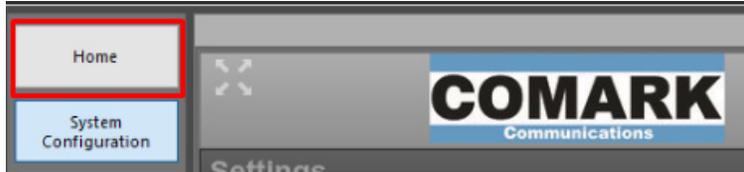
10. Select **System Information** in the Navigation Bar. The System Information screen opens.
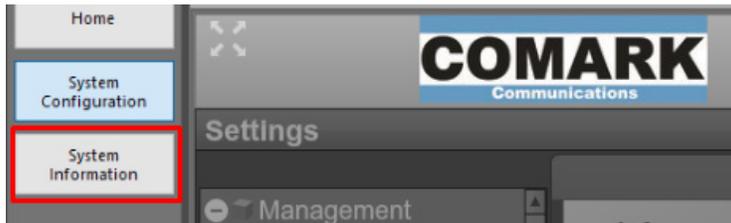
11. Select **System Control** in the Navigation Bar. The System Control screen opens.
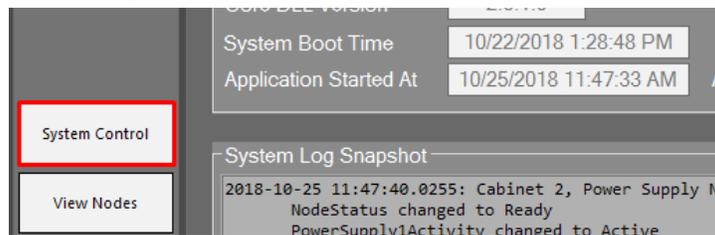
12. Select **Exit** from the drop down menu. The PCA closes.
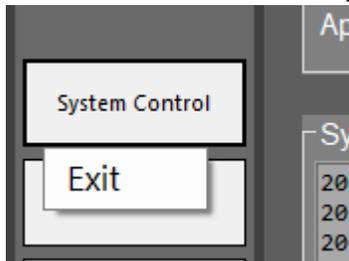
> **Note**: The PCA control system is Windows 10. If you are familiar with setting network connections up in Windows, you do this as you do with any PC.

13. Select the **Windows** icon at the bottom left of the screen. Scroll to and then select **Settings**. The Window Settings screen opens.
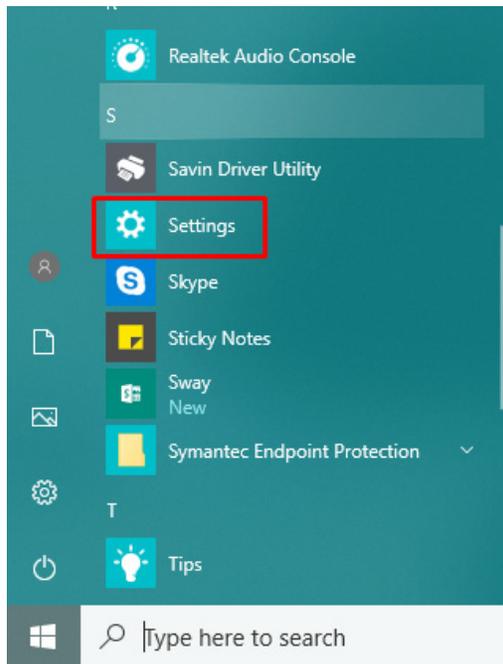
14. Select **Network & Internet**.
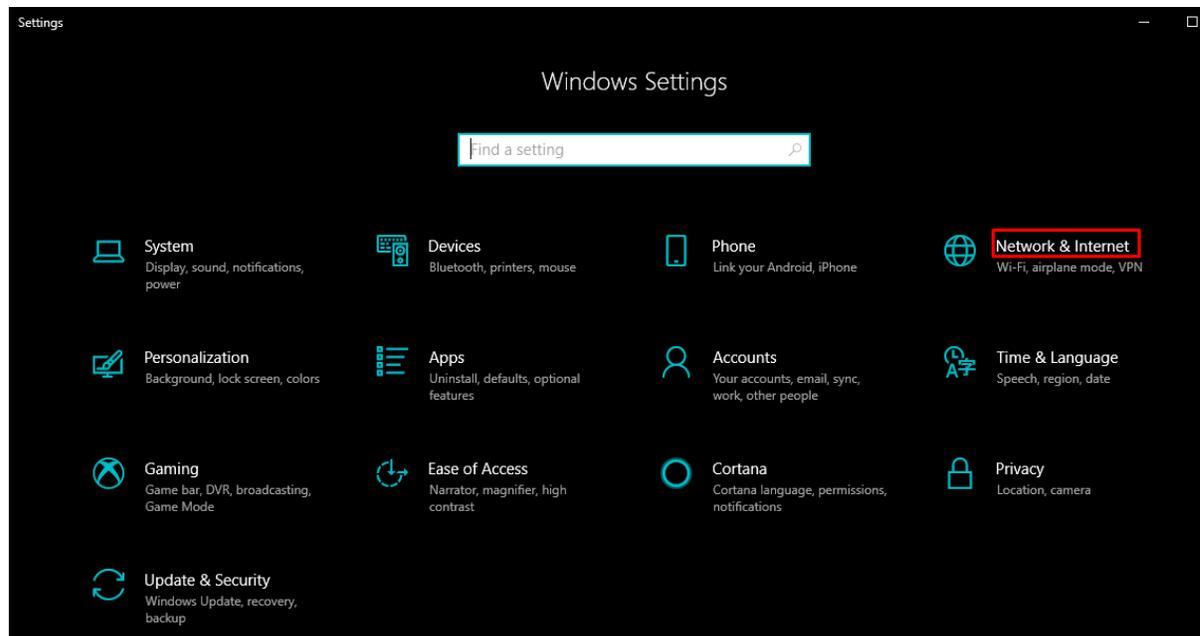
15. Select **Change adapter options** under the Status section. The Network Connections screen opens.
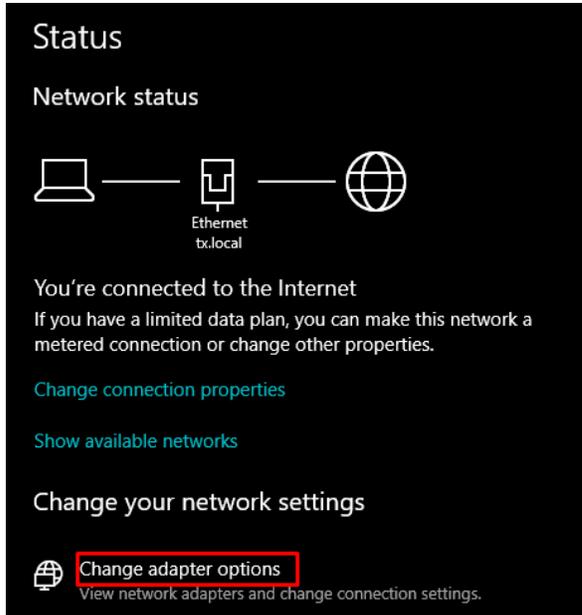
16. Double click on the **NIC adapter** icon. The Ethernet Status window opens.
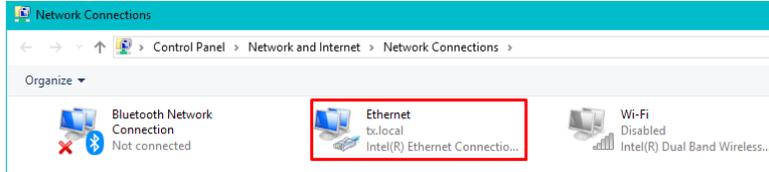
17. Select **Properties** in the dialog box.
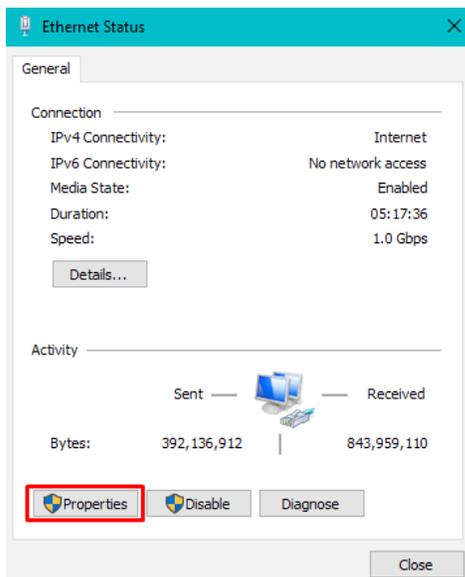
18. Double click on **Internet Protocol Version 4 (TCP/IPv4)**. The Internet Protocol Version 4 (TCP/IPv4) Properties window opens.
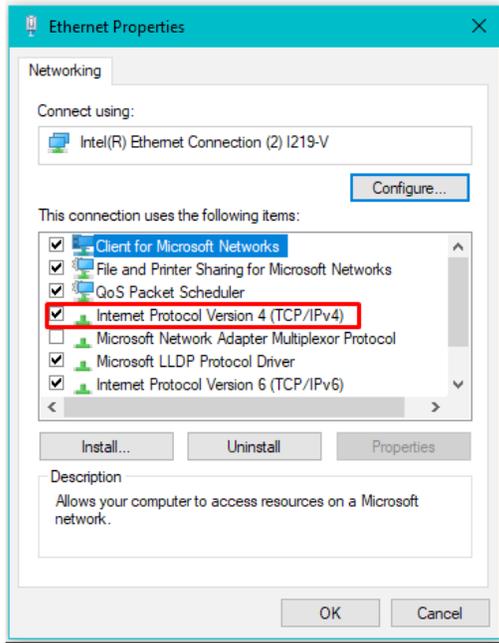
19. Enter a static **IP address**, **Subnet mask**, and **Default gateway**. Select **OK** to save the new settings.
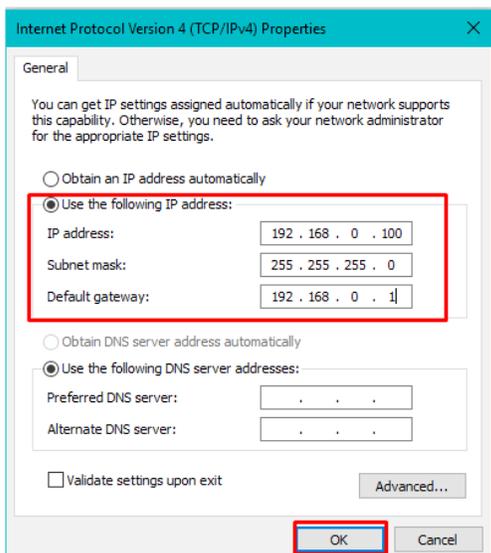
20. Return to the desktop and double-click on the **pca-gui** folder.
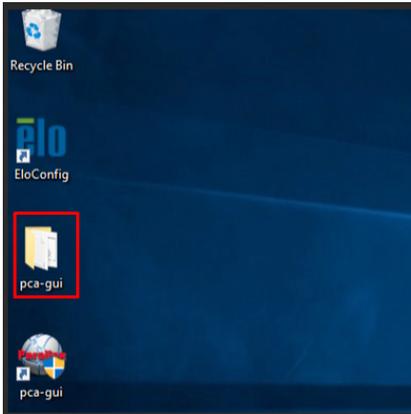
21. Double click on the **app** CONFIG file. A text file opens.
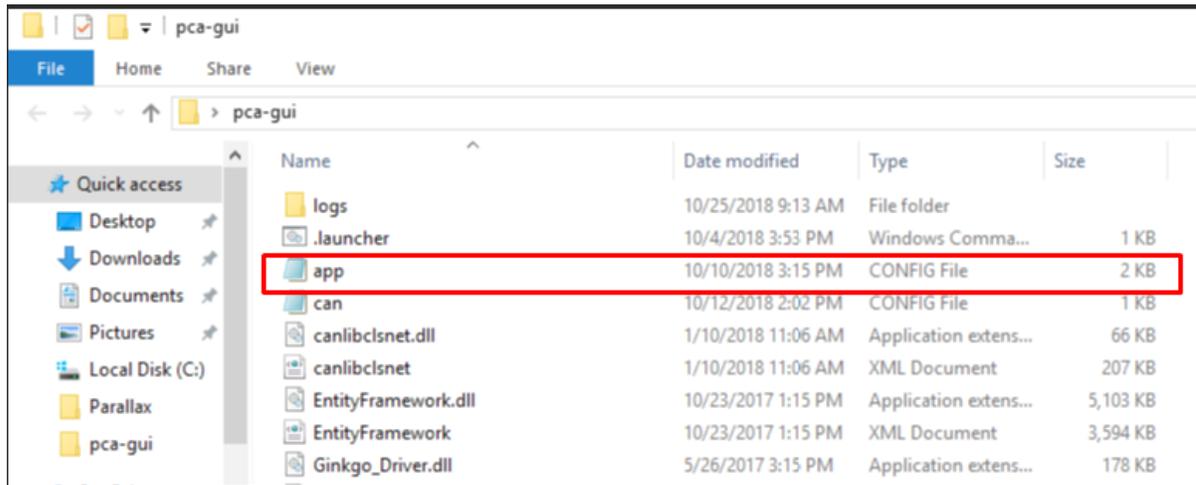
22. At the top of the opened config file the original IP addresses attributed to Exciter1 and Exciter2 are present. Replace both with the updated IP addresses that are now in use within the PCA.

Note: In the process of replacing the IP addresses in the app CONFIG file, make sure to match the use of quotation marks and commas as displayed in the accompanying image.

23. Select the **File** drop down menu in the text edit window and then select **Save**. This saves the changes to the config file. Select the **File** drop down menu again and then **Exit**.
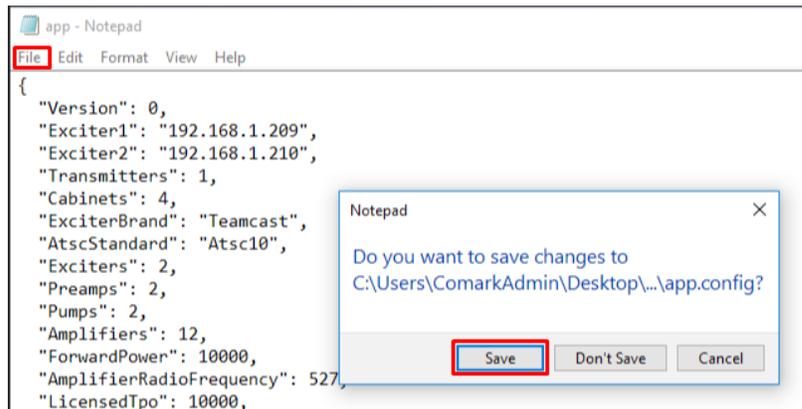
24. Return to the desktop, double click on the **pca-gui** icon to return to the PCA.