This document provides the changes that must be completed in order for Thermal Advantage for Q Series instruments to work properly.

NOTE: Each user account that will be running a Q Series instrument <u>MUST</u> have full administrative rights on the computer.
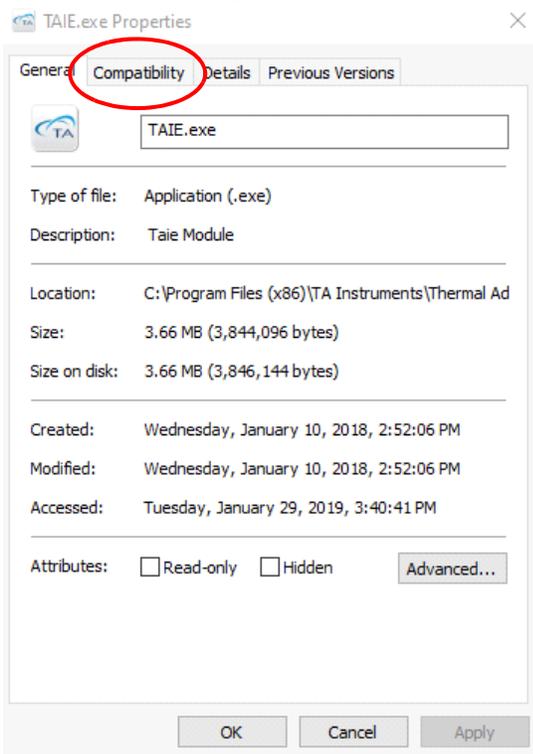
After Thermal Advantage is installed, the following procedures must be completed:

1 <u>Setting the following files to run as administrator</u>:

- TAIE.exe

- TAMA.exe

- QAdvX.exe

2 <u>User Access Control (UAC) must be set to "Never Notify"</u>

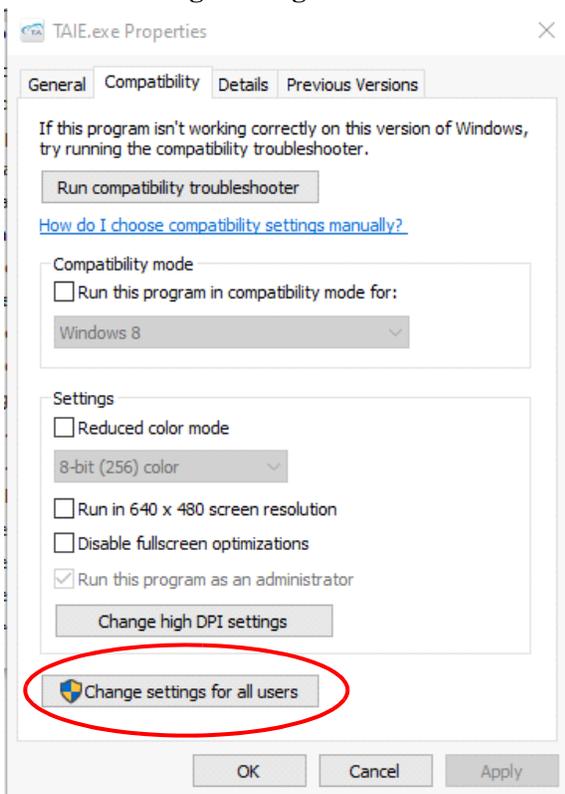**3** <u>A static IP address must be set on the network adapter</u> (NIC) that is to control the instrument

Setting Files to Run as Administrator

1 Navigate to the following folder:
C:\Program Files (x86)\TA Instruments\Thermal Advantage\Q Series.

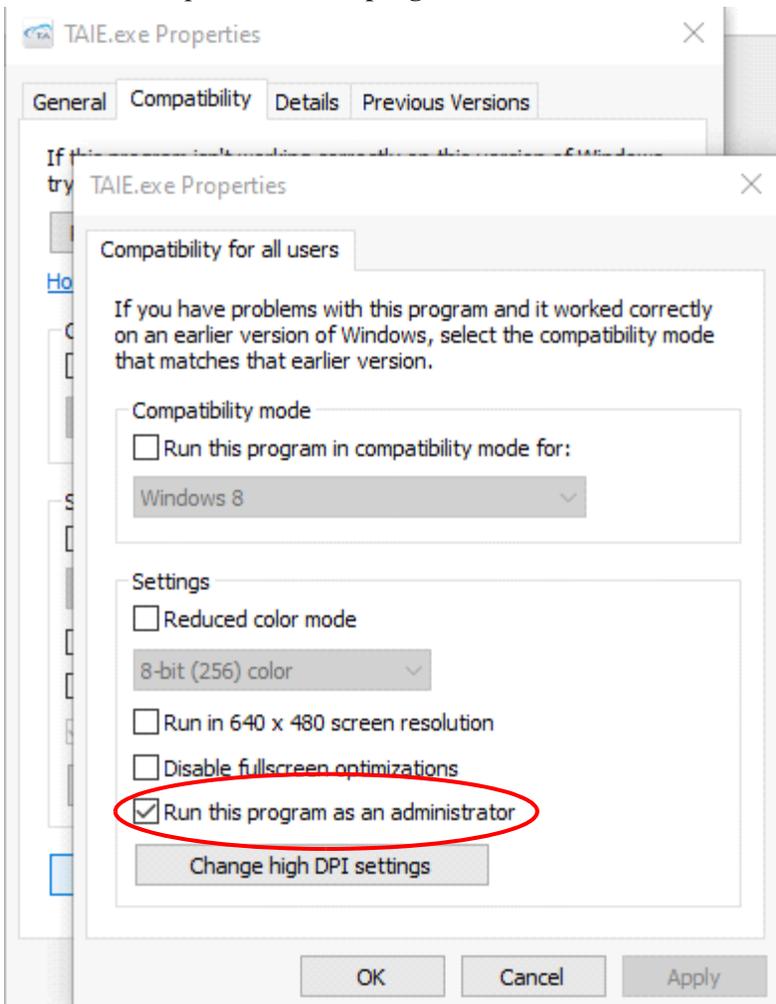**2** Right-click the **TAIE.exe** file and then select **Properties**.

3 Select the **Compatibility** tab.

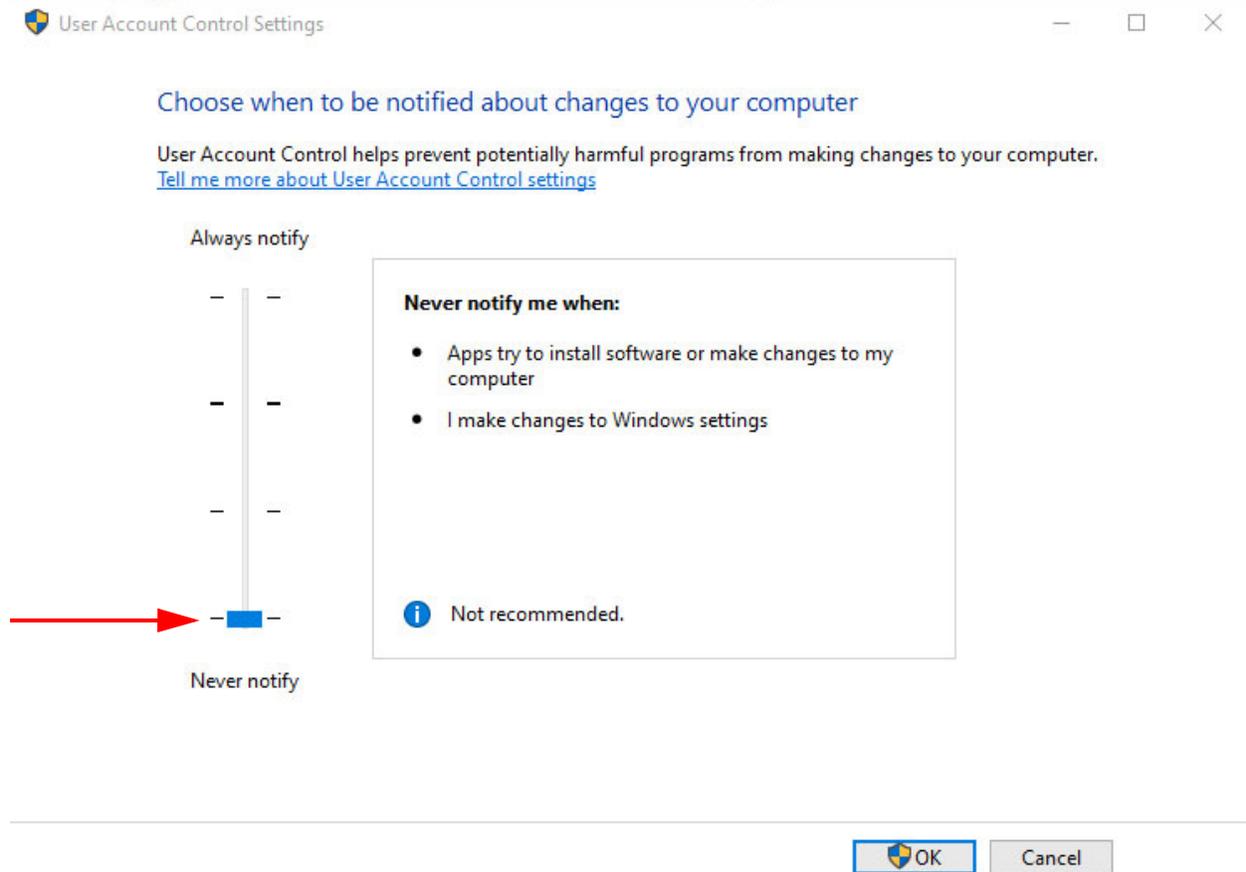**4** Click **Change settings for all users**.

5   Select the option **Run this program as an administrator**.

6   Click **Apply**, then click **OK**.

7   Click **OK** on the **Properties** window.

8   Repeat this procedure for the two remaining files in the Q Series folder.

Setting UAC

1   In the Windows 10 search bar (Cortana), type "UAC" and then press **Enter**.

2   In the User Account Control Settings window, slide the notification bar down to **Never notify**.
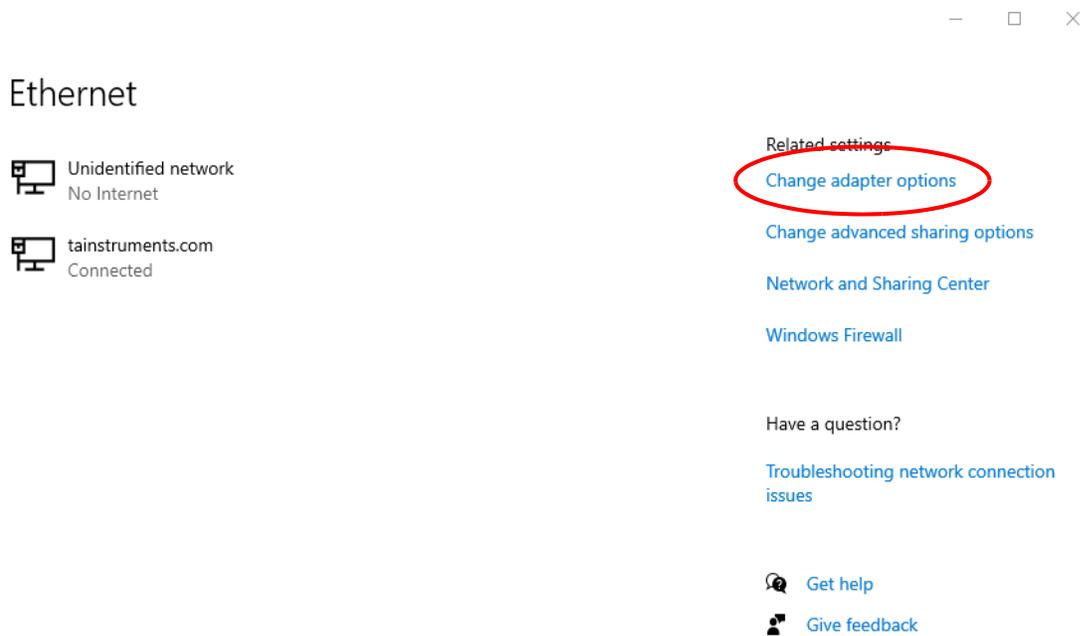

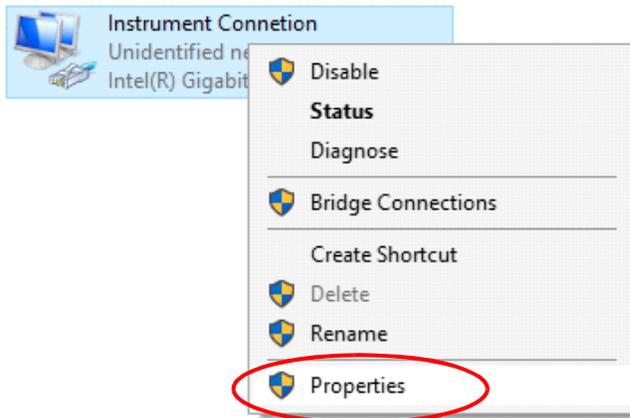**3**   Click **OK** to close the window.

NOTE: You may need to reboot the computer for this action to take effect.
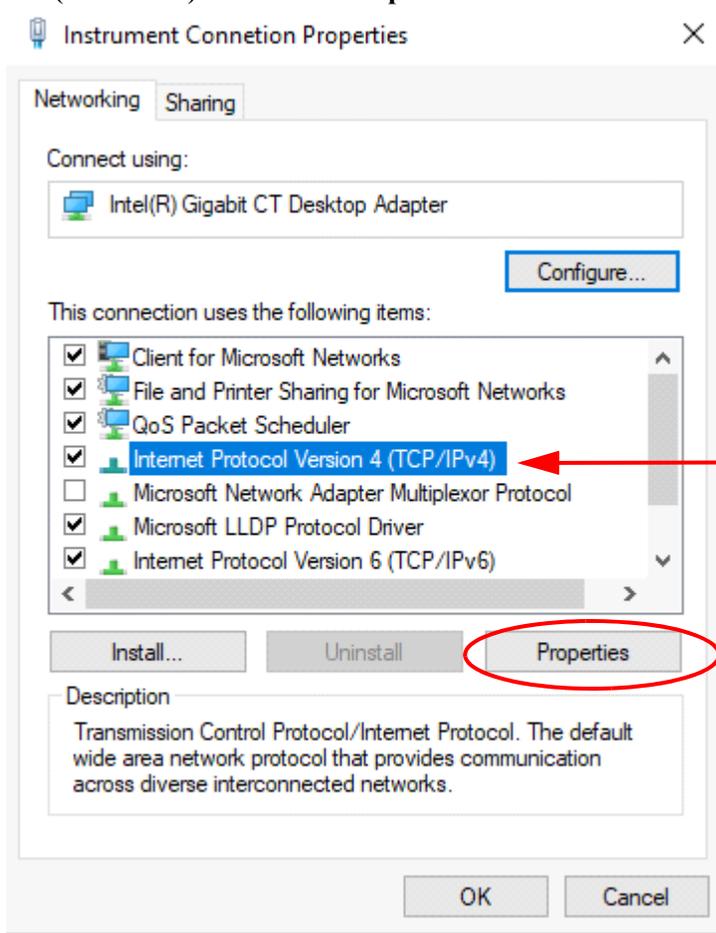
Setting a Static IP Address

1   In the Windows 10 search bar (Cortana) type "Ethernet Settings" and press **Enter**.

2   The Ethernet window displays how many NIC there are. Click **Change adapter options**.
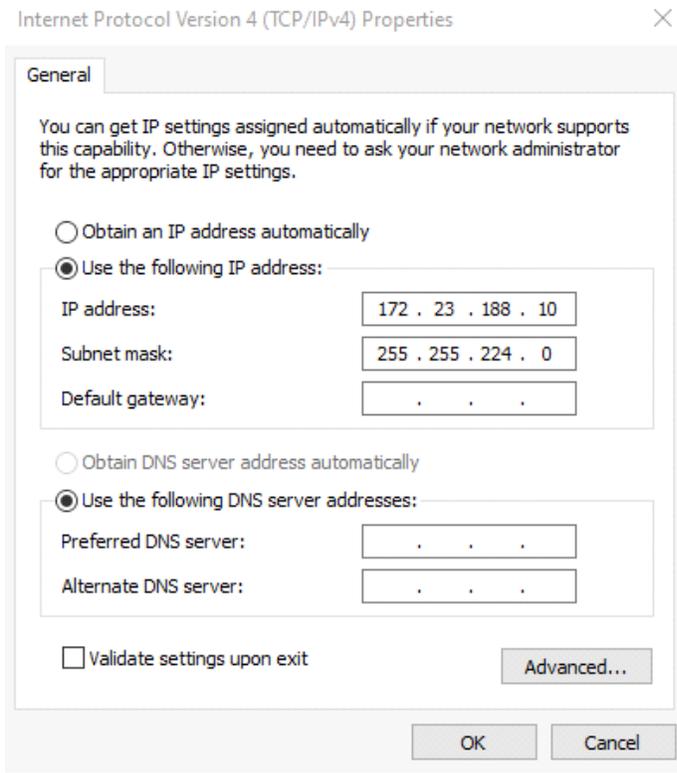

3   Right-click the network adapter being used for instrument communication and click **Properties**.

4   The Instrument Connection Properties dialog box displays. Highlight **Internet Protocol Version 4 (TCP/IPv4)**. Then click **Properties**.
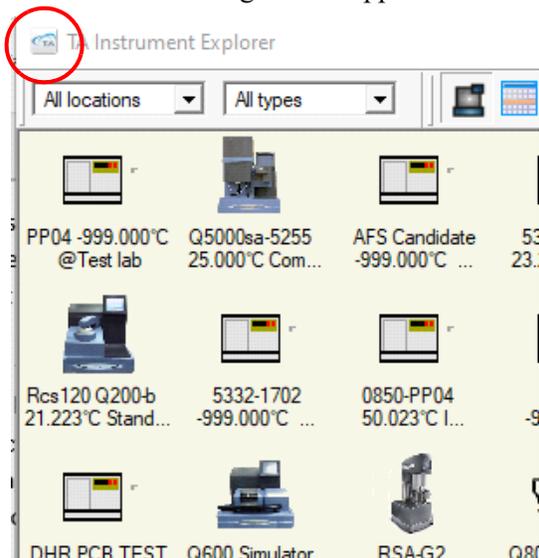
5   On the Internet Protocol Version 4 dialog box, input the IP and subnet mask for the controller NIC.
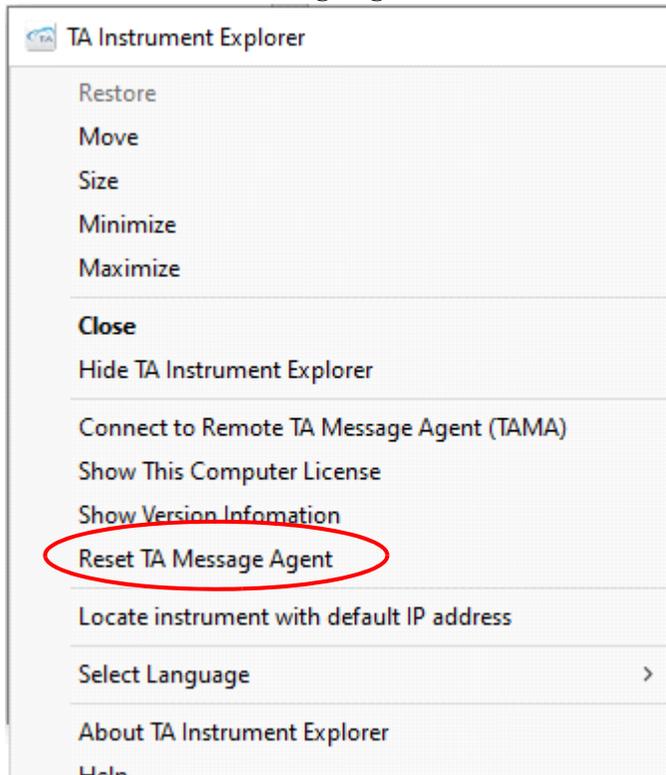

We recommend using 172.23.188.10 for the controller IP address. The subnet shown is the required subnet for the 172.23 network. Leave the Default gateway blank.

6   Click **OK**.

7   Click **OK** to close the Instrument Connection Properties dialog box.

8   Open Q Series Explorer and verify that there is an icon for each instrument connected to the computer. If the instruments are not there or will not open, do the following:

    a   Click the TA logo in the upper left corner of the Q Series Explorer.

b Click **Reset TA Message Agent**.

c The Q Series Explorer closes, and will reopen automatically. If it does not, reopen the Explorer by clicking the desktop icon.