CC200 BACnet/IP to E3

Configure the CC200 IP Address with the Full Touch Display

For BACnet IP Devices Connecting to an E3, Set the Following Parameters:

- IP address octet 1 (**iP1**)
- Rack id (**rid**)
- Circuit lineup id (**Lid**)
- Case id (**Cid**)
- MS/TP related parameters can be skipped

1. Unlock the Full Touch display by pressing and holding the upper right corner for 5 seconds. The display will beep and **PRG** and **SET** will become visible.

2. With the display unlocked, tap and hold **PRG** again for 3 seconds to reach the first menu level. **PCL** will be displayed. Tap **PRG** again to enter the **CON** menu level. From **CON**, tap **PRG** again to enter the communication protocol menu. Verify that **biP** is shown. If **nrt** is shown, swipe down on the display to change the parameter to **biP** then push and hold the **PRG** for 3 seconds to save the edit. **CON** is now displayed. Tap the back arrow in the upper left corner of the display. **PCL** is now displayed. Swipe from right to left and locate **bAC**.

3. From **bAC**, tap **PRG** again to enter the parameter menu, **ADr** will be displayed. Horizontally swipe from right to left to reach **iP1** parameter.

4. Tap **PRG** to enter edit mode on **iP1**. This screen has 3 digits - set the first digit to 1, the second digit to 9 and the third one to 2 by swiping up/down to set **iP1** to **192**. Once **192** is selected, push and hold **PRG** for 3 seconds to save the edit. Once saved, the value will flash, display will beep and return to the **iP1** parameter label.

5. From **iP1**, horizontal swipe right to left to reach **rid** for Rack ID. Tap **PRG** to enter edit mode. Swipe up/down to select the rack ID, which is **A** for rack A, **B** for rack B, and so on. Rack ID is used in automatically setting the BACnet device ID and octet 2 of the IP address. Once selected, push and hold **PRG** for 3 seconds to save the edit. Once saved, the value will flash, display will beep and return to the **rid** parameter label.

6. From **rid**, horizontal swipe right to left to reach **Lid** for circuit lineup ID. This sets the refrigeration circuit ID, which is used for calculating BACnet device ID and octet 3 of the IP address. Tap **PRG** to enter edit mode. Swipe up/down to select the circuit number. Once selected, push and hold **PRG** for 3 seconds to save the edit. Once saved, the value will flash, display will beep and return to the **Lid** parameter label.

7. From **Lid**, horizontal swipe right to left to reach **Cid** for case id. This sets the case letter ID, which is used for calculating BACnet device ID and octet 4 of the IP address. Tap **PRG** to enter edit mode. Swipe up/down to select the case letter. Once selected, push and hold **PRG** for 3 seconds to save the edit. Once saved, the value will flash, display will beep and return to the **Cid** parameter label.
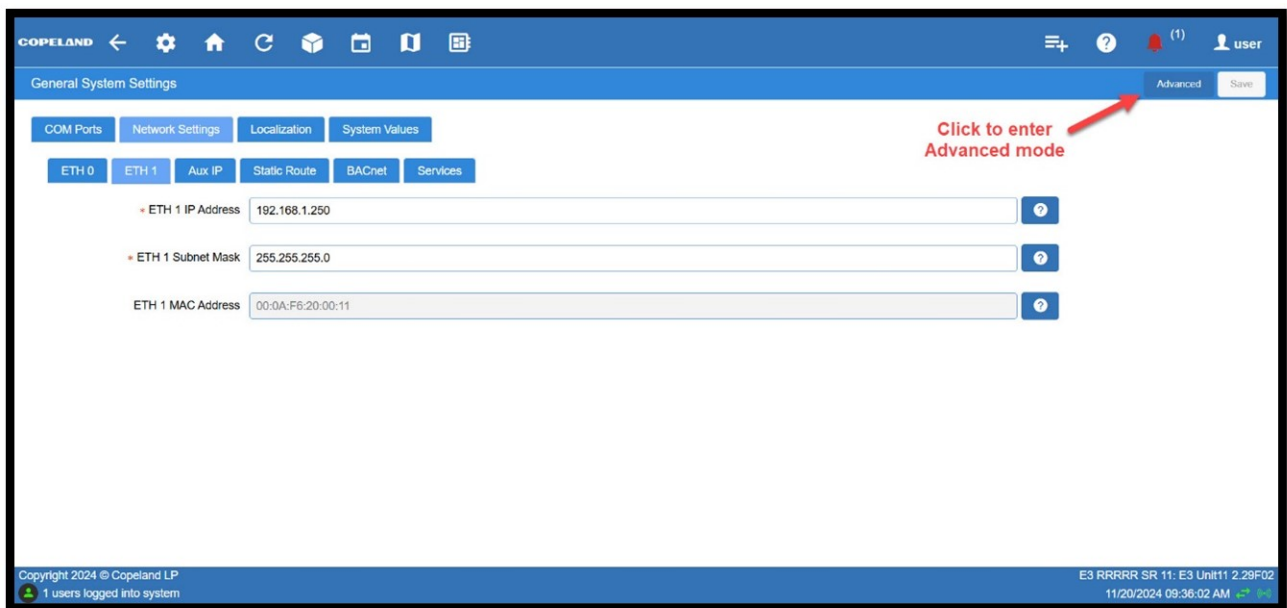
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8. From **Cid** horizontal, swipe right to left to reach **CiL** for cases in lineup. This sets number of cases in the lineup including this device. For standalone/single case systems set to 1; for lineups set the number of cases in the lineup including this device. Tap **PRG** to enter edit mode. Swipe up/down to select the value. Once selected, push and hold **PRG** for 3 seconds to save the edit. Once saved, the value will flash, display will beep and return to the **CiL** parameter label.

9. From **CiL** swipe horizontally right to left to reach **rtr**. Ensure **rtr** is set to **No**.

10. Lastly, from **rtr** swipe from right to left to reach **Sav**. Tap **PRG** to enter edit mode. Swipe up/down to select **Yes**. Once **Yes** is selected, push and hold **PRG** for 3 seconds to save the edit. Once saved, the value will flash, display will beep and return to **Sav**. The CC200 will automatically reboot to initialize BACnet settings.
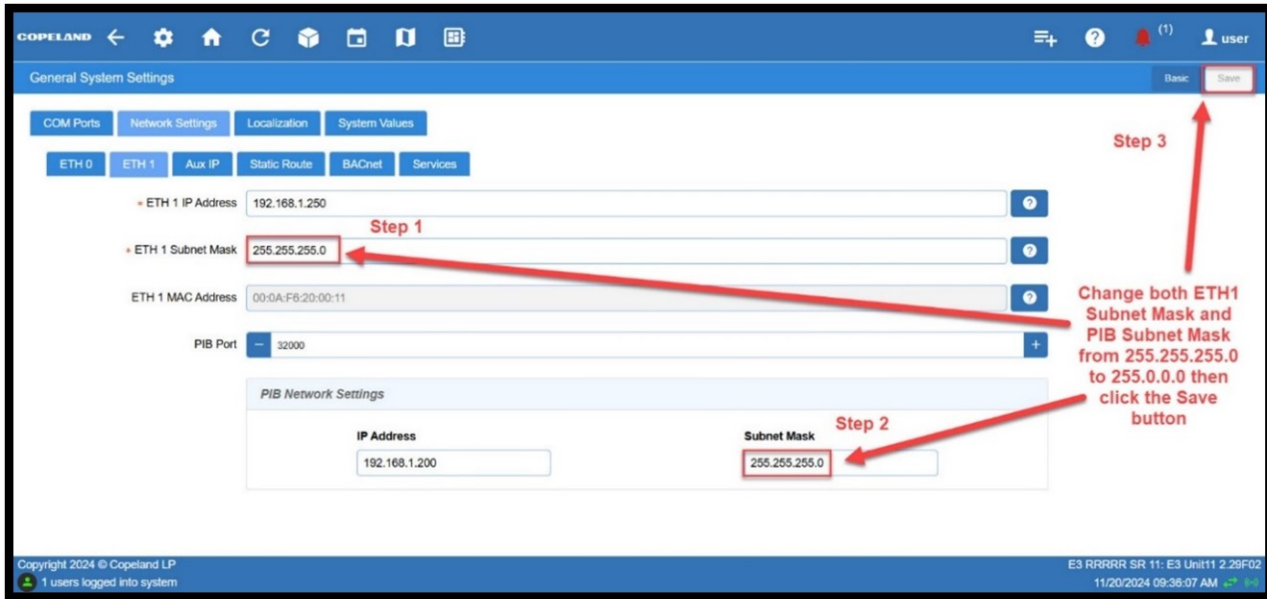
BACnet IP / E3 Configuration

Configure E3 Network Settings

1. Log into the E3 with your credentials.

2. Click the gear icon to access the Main Menu.

3. Select **System** and click **General System Settings**.

4. Select the **Network Settings** tab, then select the **ETH** 1 tab.

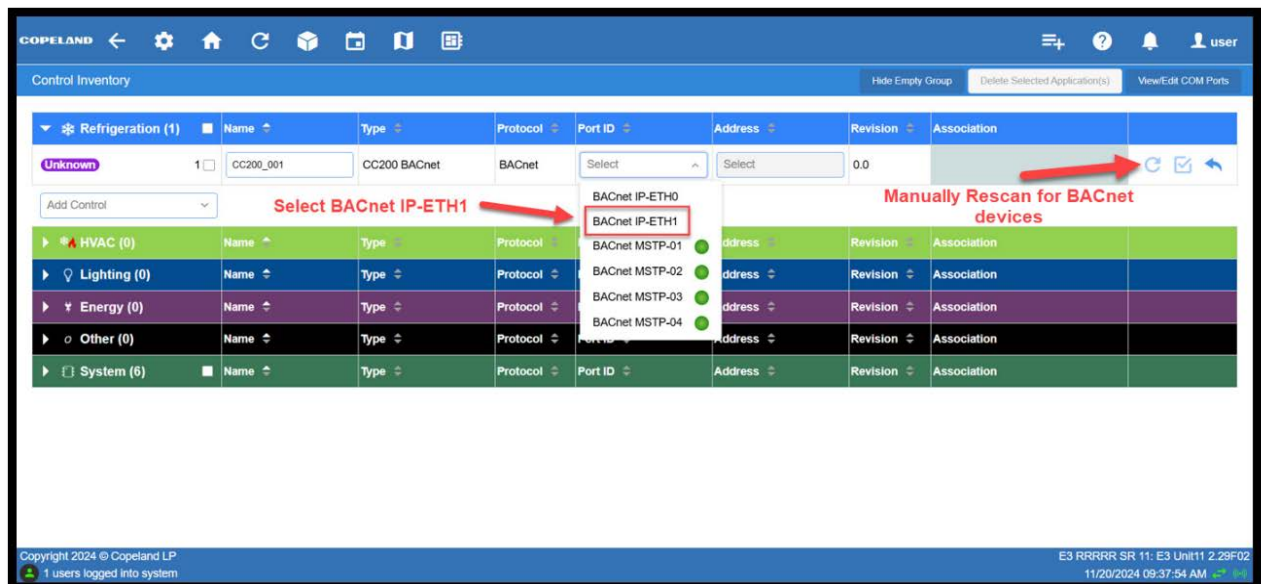5. On the top right of the screen, click **Advanced**.

6. Change the **ETH 1 Subnet Mask** to **255.0.0.0**

7. Change the PIB Network Setting **Subnet Mask** to **255.0.0.0**

8. From the top right of the screen click **Save**.

9. After saving, click **OK** on the pop-up window to confirm the changes.
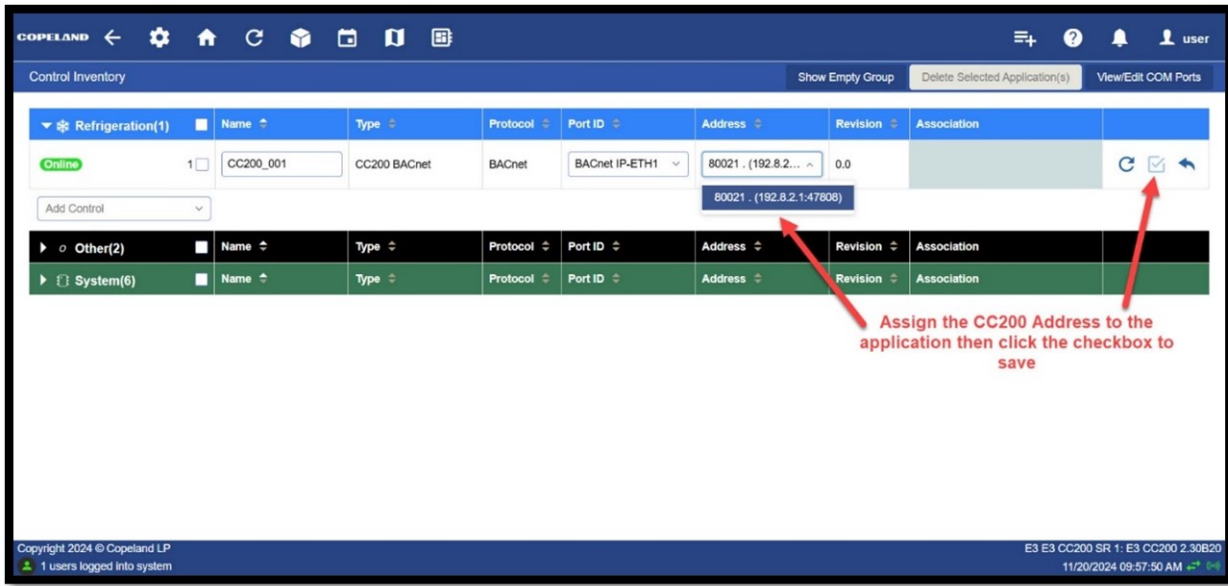
Add a CC200 Case Controller to E3

1. Click the Control Inventory icon.

2. Click **Add Control** and select **CC200 BACnet**.

3. Select **BACnet IP-ETH1** from the **Port ID** drop-down for BACnet protocol.

4. The E3 should automatically scan for and detect BACnet IP devices on ETH1.

5. To start a manual scan, click the circle arrow button on the right side of the screen.

6. From the drop-down select the address for this CC200 case controller.

7. Then click the checkbox to save.

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