Configuring the E3 or Site Supervisor with E2 in Mixed Environments with Connect+

A Peer network allows communication between multiple controllers to take place with one controller as the annunciator, which will send alarms for all the controllers on the network.

For Peer network and Annunciator setup, see **Appendix E** in the **Supervisory Control Platform Controller Installation and Operation Manual P/N 026-1803**. Click here to access.

- When a Site Supervisor or E3 is added to an existing E2 network, the Supervisor must be the gateway unit to Connect+ and if sending Advisories, the Supervisor must be commissioned to send to Connect+

- The Site Supervisor or E3 must communicate over a different port than the E2, and the port must be open to Connect+ either directly or through VPN. Contact Technical Services and your IT Administrator for assistance.

Typical Port Configurations	
Site Supervisor/E3 Port	80 or 443
E2 Port	1025
Monitoring (Advisory COM Port)	3001 or 3004

1. Once connected and logged-in to the Supervisor, click the gear icon ⚙ > **Configure System** > **General System Properties**. This will take you to the Network configuration settings.
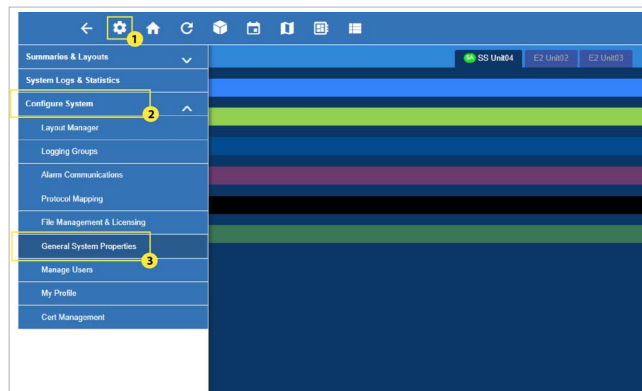

Figure 1 - General System Properties

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2. At the Network Configuration screen, click the **Network Settings** tab to access the TCP/IP settings of the controller.
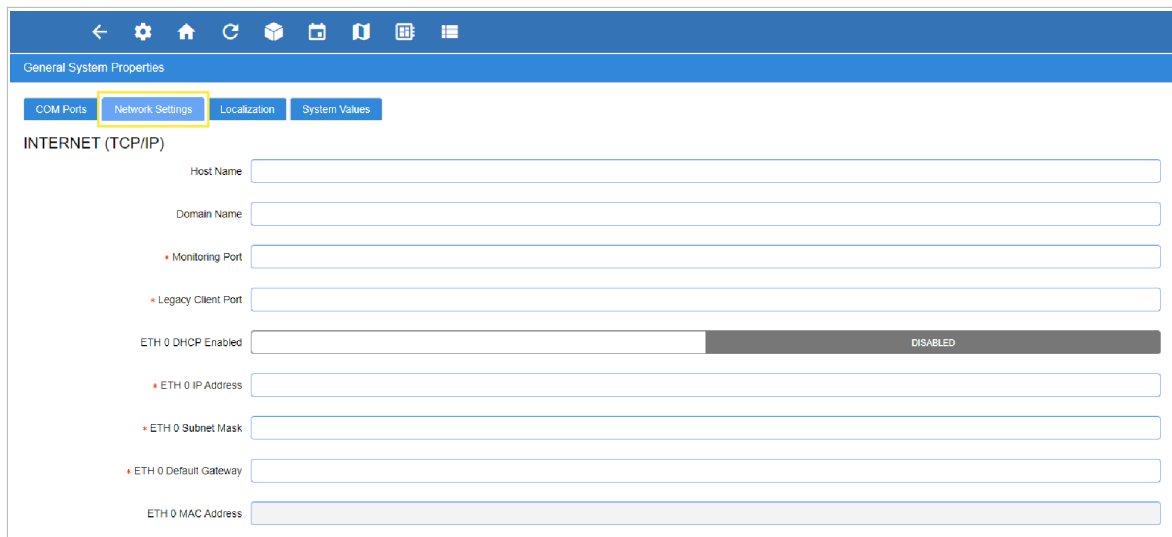

Figure 2 - Network Settings

3. Click the **Advanced** options button on the upper right corner of the screen. This will enable Advanced options.
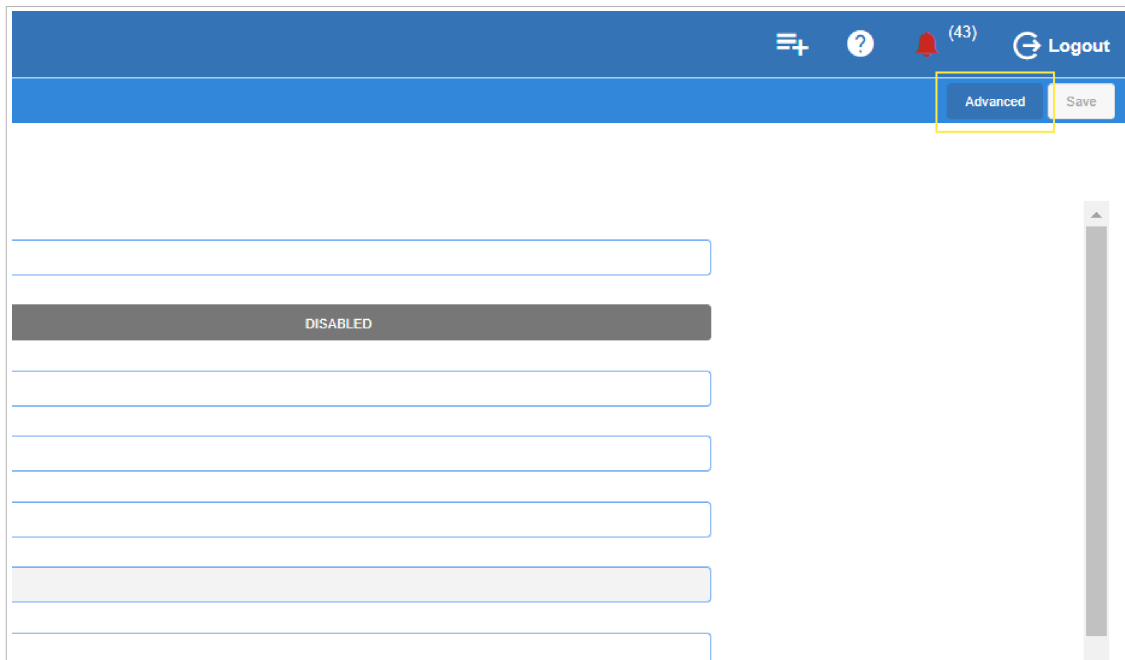

Figure 3 - Advanced Tab

Note that this menu is visible when a user's profile is set to **Basic**. If the user profile menu is set to **Advanced**, the button will not be visible. To configure, go the gear icon > **Configure System** > **My Profile** > **Select User View Level** > choose **Basic** or **Advanced**.

4. The IP address to be used for the ETH 0 should be the same IP address used in the control system settings of the Connect+ instance. The Supervisor will be the gateway controller in this setup. Contact Technical Services at **ColdChain.TechnicalServices@copeland.com** to obtain the gateway IP address to be used.

E3 Interface

Connect+ Interface
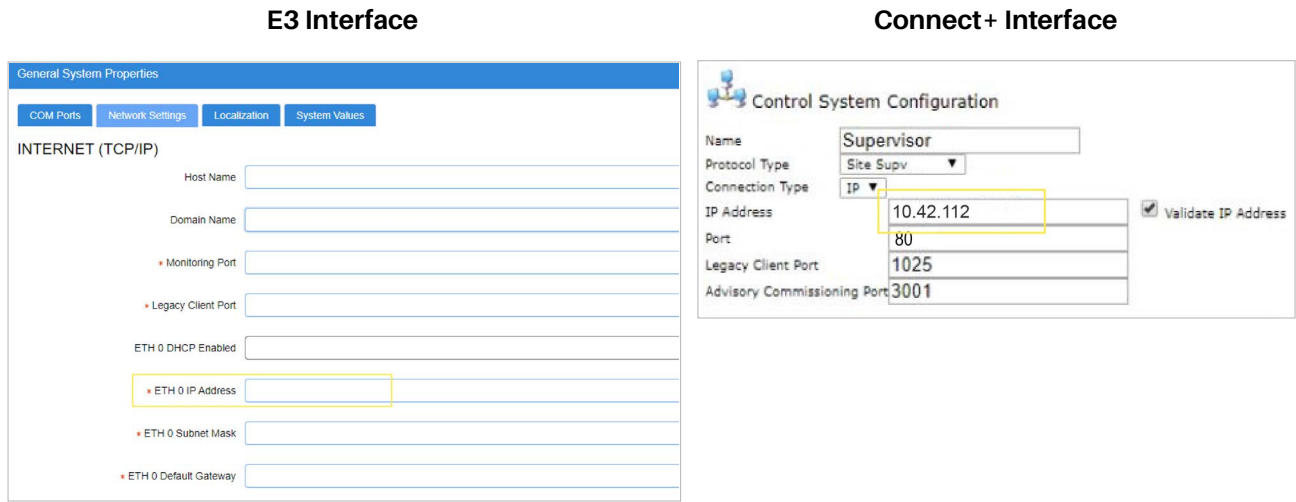
Figure 4 - IP Address for E3 and Site Supervisor/UltraSite

5. The ETH 0 Subnet Mask and Default Gateway would be just copied from the existing E2 controllers on site. To get to the TCP/IP settings of the E2, press ⬭Menu, 7, 3, 1 from the Home screen. Press F2 three (3) times to go to the TCP/IP tab.

E3 Interface

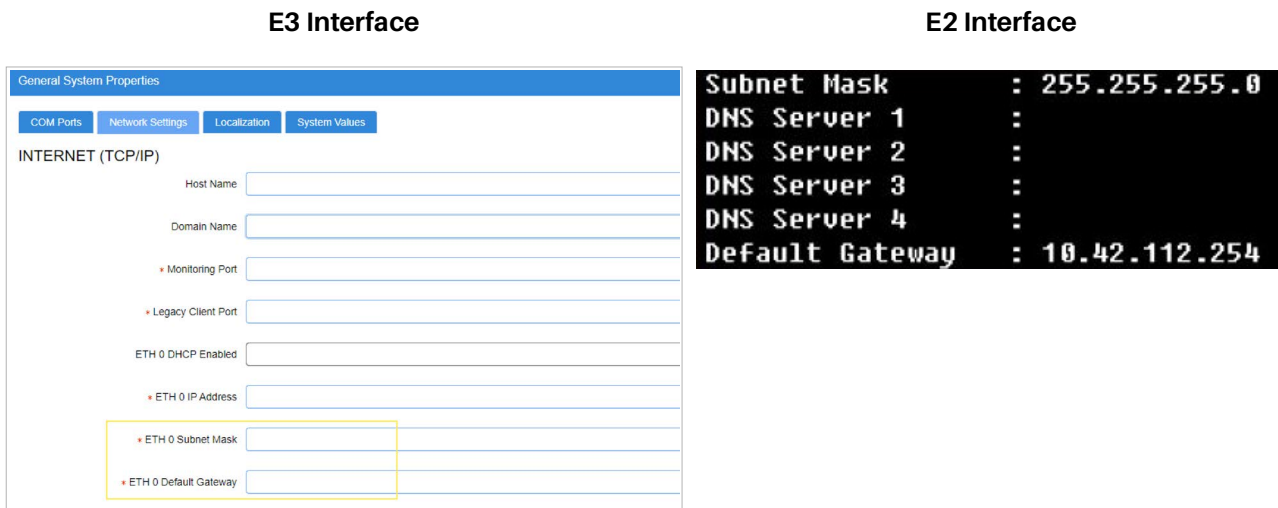**E2 Interface**

Figure 5 - ETH 0 Subnet mask and Default Gateway for E3 and E2

6. Change the following addition settings to your default values:

Monitoring Port:	3001
Legacy Client Port:	1025
Web Port:	80

Figure 6 - Network Settings Port

7. Click the **System Values** tab. Configure the Site Name and Unit according to your specifications, then edit the Group Name to match the Group Name on the existing E2 controllers on site.

Figure 7 - System Values

To view the Group Name of the existing E2 controllers on site, press [Menu] , [& 7] , [# 3] , [! 1] from the Home screen. Press [F2] four (4) times to go to the **Peer Network** tab.
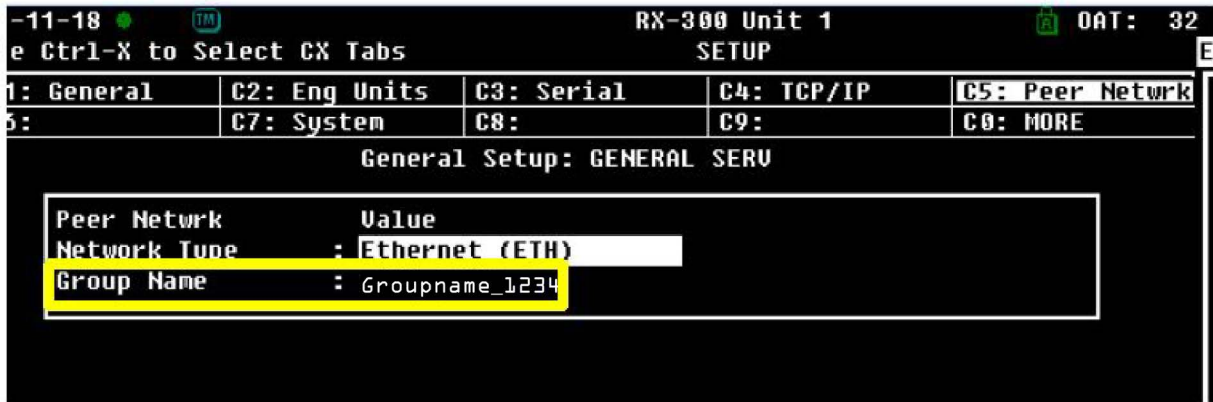

Figure 8 - Peer Network

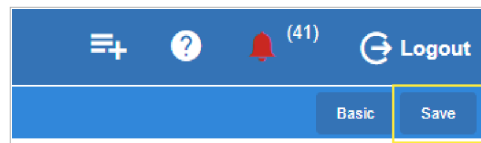8. Save the changes by clicking on the **Save** button on the upper right corner of the screen.

Figure 9 - Save Properties

9. The user credentials of both Supervisor and E2 must be modified to accommodate the login protocol of Connect+. To create a new user on the Supervisor, click the gear icon (Main Menu) button, **Configure System** and select **Manage Users**.
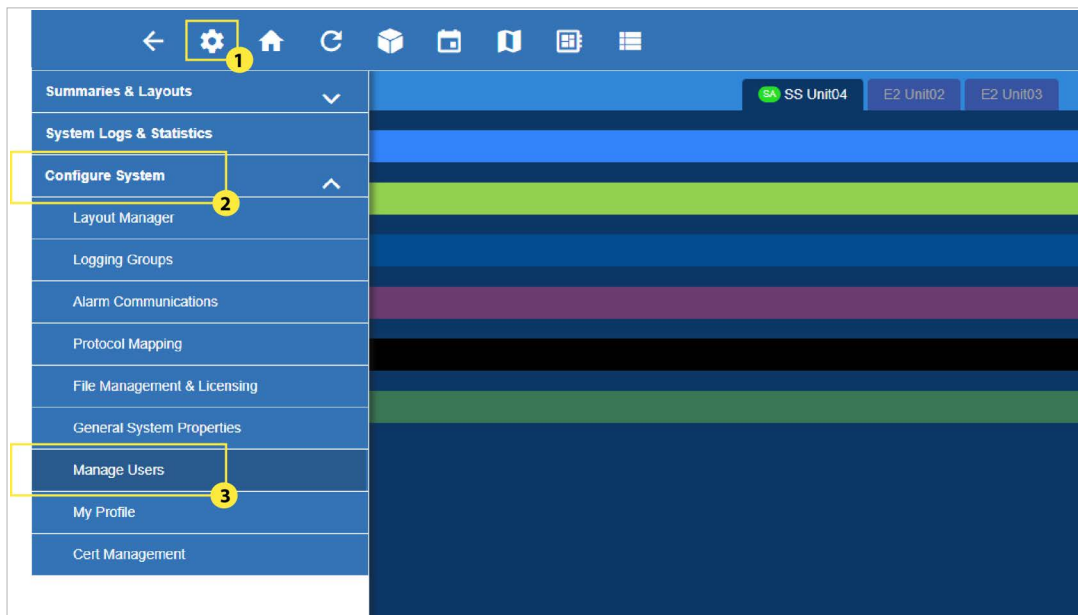

Figure 10 - Manage Users

10. Click the **Create a User** button. On the window that will appear, enter the information for your **Username** and **Password**. Both username and password are case sensitive.

Username:	yourname
Actual Name:	yourname
Password:	Example1
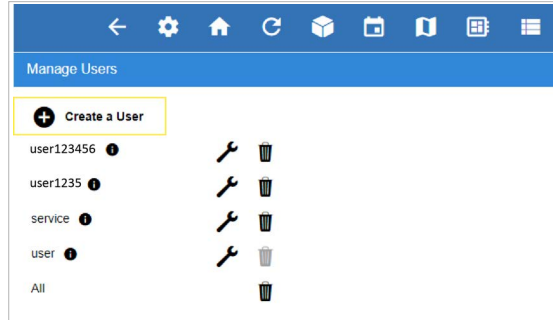
Figure 11 - Create a User

Choose the Technician role for the user account created.

Figure 12 - User Role - Technician

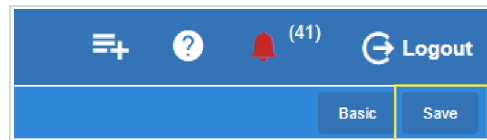11. Click the **Save** button in the upper right corner of the screen to save the changes.

Figure 13 - Save Properties

12. On the existing E2 controllers on site, additional user credentials must also be set up. To do this, press ⬭Menu, ⁷&, ³#, ³# from the Home screen. This will take you to the User Access Level screen.
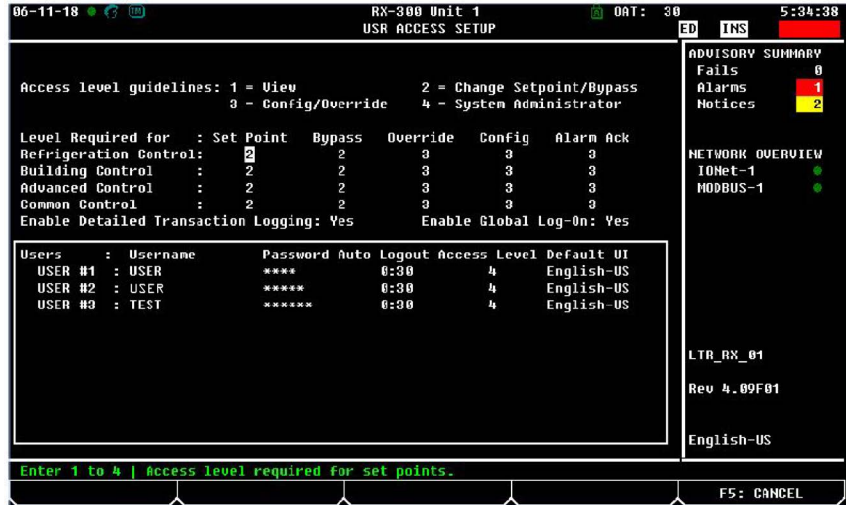

Figure 14 - User Access Setup

13. Press the down arrow button until you are in the User List box. Press F1 to add a new User. Enter the following for the **Username** and **Password** then set the Access Level to 4. Press the ⬭ button to save the settings.

Username:	yourname
Password:	Example password

Note: Perform the above steps prior to upgrading the Firmware version of the E2.
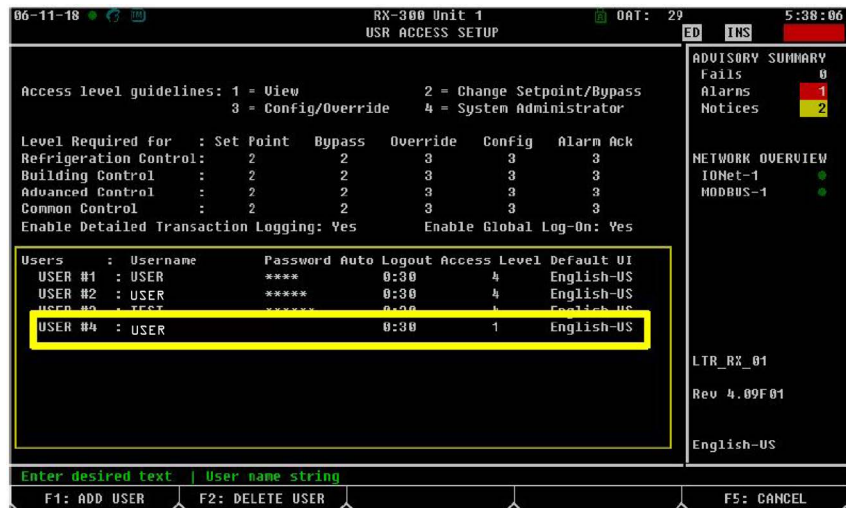

Figure 15 - User Access Level 4

14. The login credentials of the control system must be updated with the correct username and password used. Make sure the "use this protocol user information" checkbox is enabled and enter the following username and password.

Figure 16 - Control System Configuration

15. Ensure that the E2 controllers on site are running the 4.10F01 or above firmware. If the firmware is below 4.10F01, the controllers on site must be upgraded to the latest firmware. Refer to the User Guide on Basic E2E USB Operations for instructions on how to upgrade the firmware using a USB drive or Contact Copeland Technical Services using the below contact information.

Email:	ColdChain.TechnicalServices@copeland.com
Australia number:	1 800 456 047 (option 1)
United States number:	833-409-7505

Visit our website at **copeland.com/en-us/products/controls-monitoring-systems** for the latest technical documentation and updates.

For Technical Support call **833-409-7505** or email **ColdChain.TechnicalServices@Copeland.com**

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