Connect to the Robot Control Console

In order to manage the Control Hub (REV-31-1595) or programming using the onboard programming languages a computer or other WiFi enabled device will need to connect to the Control Hub's Robot Control Console.The Robot Control Console is a local network created by the Control Hub to program and manage the device.

> ⓘ This example assumes the user uses Windows 10 as their operating system. If you are not using a Windows 10, the procedure to connect to the network will differ. Refer-to your device's documentation for details on how to connect to a WiFi network.

By default, the Control Hub has a name that begins with the phrase "FTC-" or "FIRST-" followed by four characters that are assigned randomly. The default password for the network is "password". If either of these is forgotten, follow the procedure to reset the WiFi Network.

WiFi Connection Procedure

- With the Control Hub powered, select the WiFi Network icon in the lower right corner of the desktop.
- Look for the WiFi that matches the naming protocol of the device.
  - To ensure you are able to locate the correct device, it is recommended that you first connect in a location without other active Control Hubs or significant WiFi connections.
- Once you have found the target network in the list, click on it to select it then press connect.
- Provide the network password (in this example "password") and press "Next" to continue.

> ⚠ Passwords are case sensitive. Make sure that your spelling and capitalization matches the original spelling and capitalization for the password.

- Once a wireless connection is established, the status is displayed in the wireless settings for the Windows device.

> ⚠️ When connected to the Control Hub, the Windows Device will not have access to the Internet. It only has direct access to the Control Hub.

- Open a web browser (Chrome, Firefox, Internet Explorer) and navigate to "192.168.43.1:8080" through the address bar.

From the Robot Control Console users can change the Control Hub name, update the password, upgrade the operating system and firmware, as well as program the device. It is strongly recommended that you go through all steps above before you begin programming.