

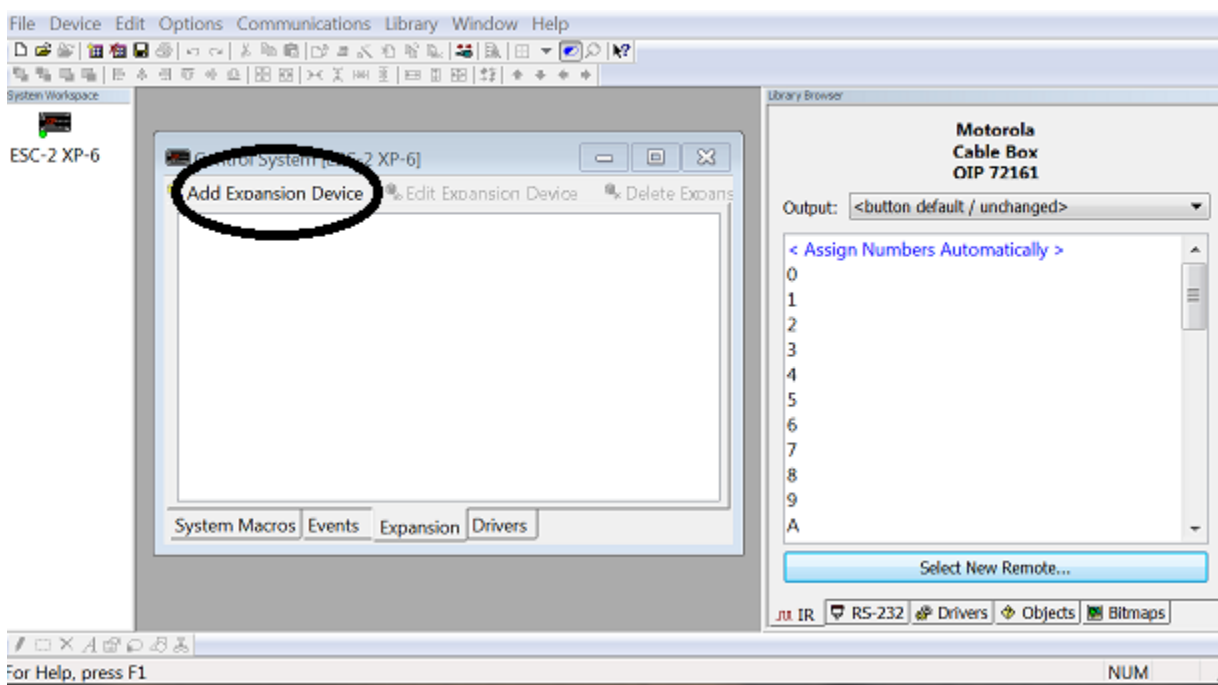
## ESC-2 Ethernet to Serial Adapter Set Up and Programming

### NOTE:

- \*Please update your Integration Designer software to the latest version.
- \*Please verify you have the latest firmware on your XP processor.

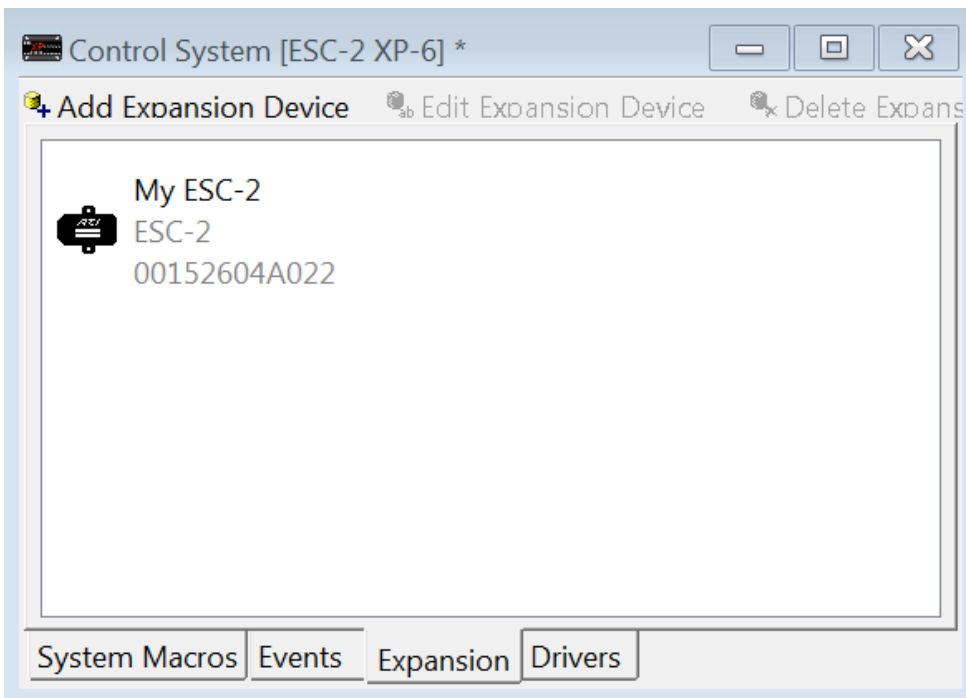
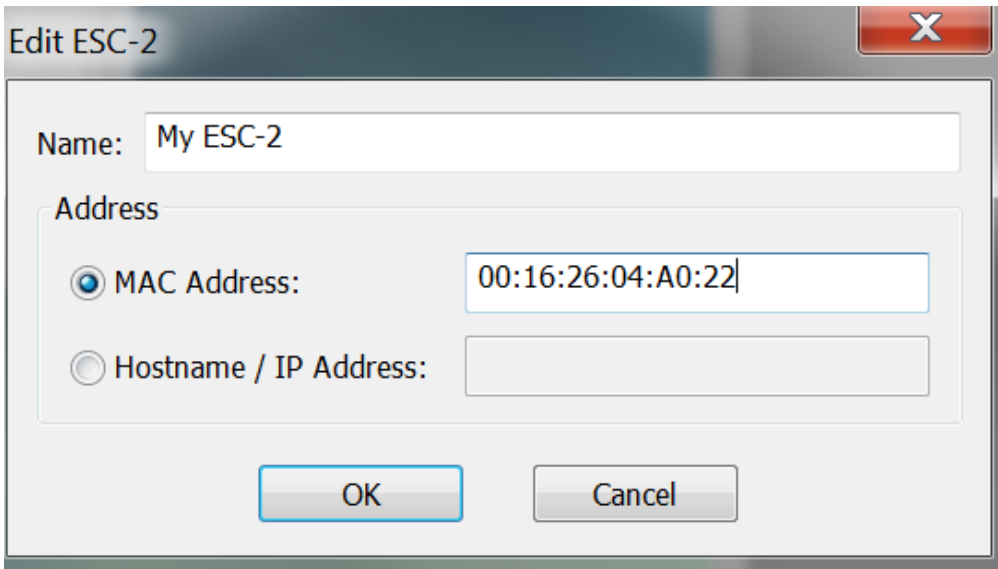
**Step 1:** Add the ESC-2 as an expansion device in your programming file.

- Select the XP Series Processor
- Click on the Expansion tab
- Click on Add Expansion Device
- Select the ESC-2 from the expansion device window.



**Step 2: Add the MAC address or Hostname / IP address.**

- The MAC address is printed on the ESC-2.
- See the next page for assigning the ESC-2's network connections.

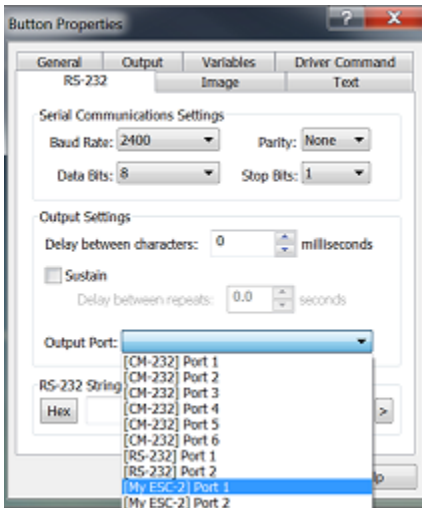


^This is how it will appear in the Expansion Tab of the XP processor

### Step 3: Programming commands using the ESC-2

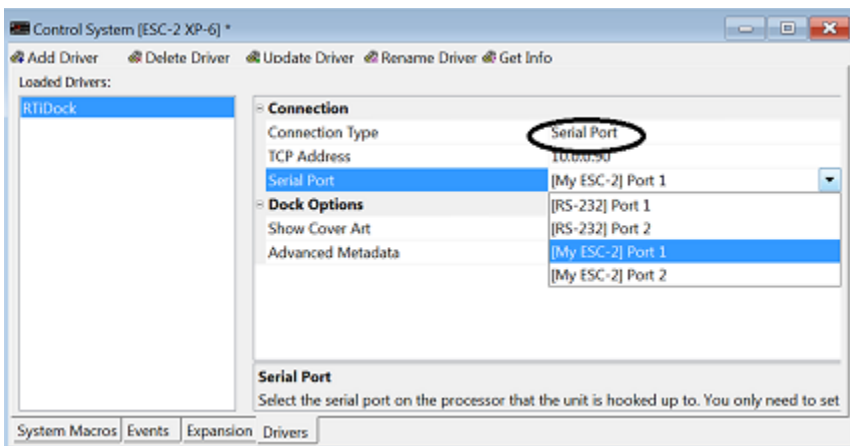
#### For RS-232 one way strings.

- Right click on the button with you serial command.
- Select Edit Properties
- Select the RS-232 tab
- Click on the Output Settings drop down arrow and select the correct port of the ESC-2.



#### For Driver Commands:

- Select your driver in the Driver tab of the XP Processor
- Make sure the connection type is set to Serial
- Change the Serial Port the the correct ESC-2 serial port.



## Step 4: Adjust Ethernet Settings of ESC-2 if necessary

### Find the ESC-2 device on the local area network and open the Web Interface

**NOTE:** This process may vary depending on your version of Microsoft Windows®

- Press the Start button on the Windows task bar
- Click on the "Control Panel" option listed in the Start Menu
- Click on Network and Internet
- Click on Network and Sharing Center
- Click on the Domain Network
- Scroll down to Other Devices
- Double click the ESC-2 in the network list to open web interface
- Select Network Settings



RTI ESC-2

**Status & Configuration**

Home

**Network Settings**

Name:	RTI ESC-2	
Firmware Revision:	1.00.21	
IP Address:	10.0.0.173	
MAC Address:	00-15-26-04-a0-22	

**Current port settings:**

	Port 1	Port 2
Baud Rate:	115200 bits/second	115200 bits/second
Data Size:	8 bits/character	8 bits/character

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### ^ESC-2 Web Configuration Interface

Also, while it isn't necessary or recommended, you can change the address type from DHCP to static as shown by hitting the drop down arrow. Once static is selected you can input the static connection settings. After making the changes, select "Update Settings".

**PLEASE NOTE:** If the incorrect IP address settings are entered, it is possible you will no longer see the ESC-2 on the network and will not be able to see or make changes to the ESC-2 rendering it inoperable.



RTI ESC-2

Home

Network Settings

Name:	RTI ESC-2	
Firmware Revision:	1.00.21	
IP Address:	10.0.0.173	
MAC Address:	00-15-26-04-a0-22	

**IP Address Selection**

Address Type:	DHCP/AutoIP		
Static IP Address:	0	0	0
Subnet Mask:	255	255	255
Default Gateway:	0	0	0

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**MORE INFORMATION:**

For more important information regarding these models including specifications and other documentation see the link below:

- ESC2: <http://www.rticorp.com/dealer/product-support/product?id=29>