



3/26/2015

# 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.

File Device Edit Options Communications Library Window Help D@@@1111相도에이이이》》하는 한요(일요) #134(日 > @2014) 특별특별[E 수 전 한 수요] 88 명 (米文 배 표) [편 표 1881] 약 ( + + + + ) insten Workspace	Library Browser
ESC-2 XP-6 Control System (2002 XP-6) Control Sy	Motorola Cable Box OIP 72161 Output: <a center;"="" href="https://www.engliship-complexity-style=" text-align:="">button default / unchanged&gt;</a>
System Macros Events Expansion Drivers	< Assign Numbers Automatically > 0 1 2 3 4 5 6 7 8 9 A •
	Select New Remote
/ ロ×A留口のよ for Help, press F1	NUM

- 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.

Edit ESC-	2		X
Name:	My ESC-2		
Addres	55		
() M	AC Address:	00:16:26:04:A0:2	2
O He	ostname / IP Address:		
	OK	Cancel	

Control System [ESC-2	XP-6] *	
Add Expansion Device	Sedit Expansion Device	Selete Expans
My ESC-2 ESC-2 00152604A022		
System Macros Events	Expansion Drivers	

^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.

Button Propertie	8		? 🗾	ĸ
General RS-232	Output	Variables Image	Driver Command Text	•
Serial Comm	unications Se	ttings		ъIJ
Baud Rate:	2400	▼ Pa	rity: None 🔻	
Data Bits:	8	* Stop	Bits: 1	
Output Settin	ngs			51
Delay betwe	een characters	R 0	milliseconds	
Sustain				
Delay	between repe	sets: 0.0	* seconds	
Output Port	:		•	
	[CM-232] P	ort 1		- 11
RS-232 Strin	9 CM-232 P	ort 2 ort 3		n III
Hex	[CM-232] P	ort 4	>	
	[CM-232] P	ort 5	-	
	- [RS-232] P	orto ort1		- 1
	[RS-232] P	ort 2	10	
	[My ESC-2]	Port 1	P.	-
	[My ESC-2]	Port 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<sup>®</sup>

• 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

Res Linder Control*	/		RTI ESC-2
	Status & Confi	guration	
Home	Na	me: RTI ESC-2	
Network	Firmware Revis	sion: 1.00.21	
Settings	IP Addr	ess: 10.0.0.173	
$\smile$	MAC Addr	ess: 00-15-26-04-a0-22	
	Current port settin	gs:	
		Port 1	Port 2
	Baud Rate:	115200 bits/second	115200 bits/second
	Data Size:	8 bits/character	8 bits/character
It's Under Control®	)	Copyright © 2012 Remote Technologies Ind	corporated. All rights reserved.

^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.

R's Linder Control®	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
	Address Type: DHCP/AutoIP -
	Static IP Address: 0 0 0 0
	Subnet Mask: 255 255 0
	Default Gateway: 0 , 0 , 0 , 0
It's Under Control <sup>®</sup>	Copyright © 2012 Remote Technologies Incorporated. All rights reserved.

# MORE INFORMATION:

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

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