Quick Serial Tunnel Setup for SocketServer 10 and Older

In the example we will be using 2 DeviceMaster 1 port units.

Note the IP address shown in the URL Address line on all screen shots as many of the screens will look similar, but are NOT the same DeviceMaster unit

Open the web page to the DeviceMaster and click on the port number you wish to configure. Scroll down to the TCP Connection Configuration As shown in this example:

Check-mark the Enable option

Enter the IP address of the 2^{nd} DeviceMaster

Enter the port number associated with the serial port on the 2nd DeviceMaster

Check the Connect On as Always

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TCP Connection Configuration 🖤							
Enable:							
Listen:	✓ Port: 8000						
Connect To:	192.168.2.15 To Port: 8000 From Port: 0						
Connect On:	Always Data DSR CD						
Disconnect On:	Idle No DSR No CD						
Idle Timer:	300						
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Scroll to the bottom and click 'Save' Click OK to return to the Home page

In the 2nd DeviceMaster

Check-mark the Enable option and do not change any other setting in this section

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TCP Connection Configuration 🕼							
Enable:							
Listen:	\checkmark		Port:	8000			
Connect To:	0.0.0.0	To Port:	0	From Port: 0			
Connect On:	Always	🗌 Data	DSR	CD			
Disconnect On:	Idle	No DSR	No CD)			
Idle Timer:	300						
Telnet Com Port Control Option (RFC 2217):							
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Scroll to the bottom and click 'Save' Click OK to return to the Home page

You should now be back at the home pages as shown here

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Server Configuration @				N V	Server C	onfiguration 🥑	^
	Software:	SocketServer 8.00	1		Software:	SocketServer 8.00	
	IP Config:	Static			IP Config:	Static	
	IP Address:	192.168.2.14		•	IP Address:	192.168.2.15	
	IP Netmask:	255.255.0.0			IP Netmask:	255.255.0.0	
	IP Gateway:	192.168.0.254			IP Gateway:	192.168.0.254	
DEV/CE-MASTER Configure Network Configure Security Configure Email Messages			DEV/CE-MASTER	Configure Network			
				Configure Security			
				Configure Email Messages			
	Configure RFC1006 (ISO over TCP)				Configure RF	C1006 (ISO over TCP)	
	Port	1			Port	1	
TCP Connection Status				TCP Connection Status			
Enabled:	bled: Yes			Enabled:	Yes		
Local:	0.0.0.0:0			Local: Remote:			
Remote:	192.168.2.15:8000			Ry hytes:	192.108.2.14:1123		
Rx bytes:	0			Tx hytes:	0		
IX DYTES:	U			Serial Status	0		
Mode:	RS-2	32	~	Mode:	RS-2	232	~
Done	😝 Internet	🖓 🕶 🔍 100%	•:	Done	😜 Internet	🖓 🔹 🔍 100% 🔹	:

This will show the Remote IP information to indicate that the two ports are in communication as seen here.

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	Server C	onfiguration	2		Server C	onfiguration 🥑 [^]	
	Software:	SocketServer 8.00			Software:	SocketServer 8.00	
	IP Config:	Static			IP Config:	Static	
	IP Address:	192.168.2.14		• • • • •	IP Address:	192.168.2.15	
	IP Netmask:	255.255.0.0			IP Netmask:	255.255.0.0	
	IP Gateway:	192.168.0.254			IP Gateway:	192.168.0.254	
DEVICE	Configure Net	Configure Network		DEV/CE+MASTER	Configure Ne	twork	
	Configure Security Configure Email Messages			,	Configure Se	Configure Security	
					Configure Email Messages		
Configure RFC1006 (ISO over TCP)				Configure RF	C1006 (ISO over TCP)		
	Port	1			Port	:1	
TCP Connection Status				TCP Connection Status			
Enabled:	Yes			Enabled:	Yes		
Local:	0.0.0	0.0:0		Local:	0.0.	0.0:8000	
Remote:	192.168.2.15:8000			Remote:	192.168.2.14:1123		
Rx bytes:	5490			Rx bytes:	5490	0	
Tx bytes:	5490	1		IX Dytes:	5490	J	
Serial Status				Serial Status Mode:	DC-	222	
Mode:	RS-2	32	M	mode.	KS-	232	
Done	😜 Internet	🖓 🔹 🔍 100%	·:	Done	😜 Internet	🖓 🔹 🔍 100% 💌 🛒	

These two shots show that data is being transmitted and received by the serial ports.