
Topic / Issue: Configure the 990421 (ELS-16) for remote access to console devices

Written By: Scott Young

The following technical page describes how to configure the 990421 (ELS-16) Terminal Server to remotely access console based devices such as managed switches or unix type servers.

Note:

Please ensure that you are using the correct serial cables as stated in the equinox manual provided with the 990421 Terminal Server.

- Connect the correct serial cable from Port 1 of the terminal server to a computer and run a terminal emulation program, such as hyperterminal, with the following com port settings 9600, 8, N, 1.
 - Hit Enter and you will be prompted to enter a username. (This can be any name)
 - Type show to display the current terminal server settings.
 - To configure the terminal server you will need to change to Privileged Mode. This can be done by typing set privileged and pressing enter. You will now be prompted for a password, the default password is access. You are now able to set an IP Address in to the terminal server and configure your port settings:
 - To configure an IP Address in to the terminal server type change server ip xxx.xxx.xxx.xxx (Where xxx.xxx.xxx.xxx is the ip address you want to use for the terminal server.)
 - To display a ports current settings type show port x. (Where x is the port number)
 - You now need to change the default protocol used by port x. To change the default protocol type change port x default protocol telnet and press enter.
 - Depending on the device you are connecting to you may need to change the speed settings of the port.
set port x speed 38.4 - this will change port x's baudrate to 38400.
 - Once you have configured the terminal servers IP address and Port Settings you should now be able to access the terminal server via a Telnet Session.
 - To telnet in to the terminal server open a command prompt on a computer and type telnet xxx.xxx.xxx.xxx.
You will now have a blank screen in front of you, press enter and you will see the following prompt #>.
Now enter the password access (this will not be displayed on the screen) and press enter. After you press enter the following prompt will be displayed on the screen Local >.
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- As with the hyperterminal session you will need to put the terminal server in to privileged mode to be able to configure it.
set privileged, you will now have the following prompt Local >>.
You can now configure the device as you would through a hyperterminal session.

Connecting via a LAN Telnet session to a RS-232 device connected to the ELS-16 serial ports.

- To remotely connect and configure a device that is connected to one of the serial ports you just have to telnet to the appropriate port.
telnet xxx.xxx.xxx.xxx 300x. (Where xxx.xxx.xxx.xxx is the ip address of the terminal server and 300x is the port you are trying to access.

If your device is connected to port 2 then you will telnet to xxx.xxx.xxx.xxx 3002).

- Once connected, press the appropriate key(s) to bring up the connected devices user prompt.

Summary:
(If required)