

Lantronix MSS100 – Configuration outline



1. Power up the Unit.
2. Connect to the MSS100 from your PC 9 pin serial port to the 25 pin serial port of the Unit. (utilizing Hyper-terminal) 9600-8-N-1. Hit enter and the local prompt should appear.
3. Give privileged status to the port. This will allow you to change the configuration of the unit: “set privileged”. The password is “system”
4. Change the system and login passwords:
 - a. change privpass *****
 - b. change loginpass *****
5. TCP/IP parameters (to see the current configuration, type “show server”)
 - a. change ipaddress 128.117.38.xx
 - b. change nameserver 128.117.xx.xx
 - c. change subnetmask 255.255.255.0
 - d. change gateway 128.117.xx.xx
6. Serial port configuration (to see the current configuration, type “show ports”)
 - a. Change speed 19200 (you will loose contact and have to reconnect)
 - b. change parity none
 - c. change stopbits 1
 - d. change flow control none
7. Emulation a Direct Serial connection
 - a. At the local Unit:
 - i. change dedicated tcp remoteIP:3001T
 - ii. change autostart enabled
 - iii. reboot the unit “I d 0”
 - b. At the remote Unit
 - i. change access remote
 - ii. change dedicated none
 - iii. change autostart disabled
 - iv. reboot the unit “I d 0”

Issue the command “show ports” in order to check your configuration:

Local Unit:

```
Port 1: Username: Port_1          Physical Port 1 (Connected)
Char Size/Stop Bits:           8/1   Baud Rate:                9600
Flow Ctrl:                      None   Session Limit:            4
Parity:                          None   Modem Control:            None
Access:                          Dynamic Break Ctrl:                Local
Local Switch:                    None   Start Character:          None
Forward:                          None   Backward:                 None
Port name:                        4700   Terminal Type:            None
Dedicated Service:   TCP: 128.117.38.195:3001T
```

Characteristics: Telnet Pad Autostart

```
Sessions:                        1     Current Session:128.117.38.195:30
Input/Output Flow Ctrl:         N/N   DSR/DTR/CTS/RTS/CD:       Y/Y/Y/Y/Y

Seconds Since Zeroed:           12130   Framing Errors:            0
Accesses Local/Rem:             1/0     Parity Errors:             0
Flow Control Violations:        0       Overrun Errors:            0
Bytes Input:                     4376    Bytes Output:              18790
Input Flow On/Off:              0/     0       Output Flow On/Off:       0/     0
```

Remote Unit:

```
Port 1: Username: Port_1          Physical Port 1 (Job Service)
Char Size/Stop Bits:           8/1   Baud Rate:                9600
Flow Ctrl:                      None   Session Limit:            4
Parity:                          None   Modem Control:            None
Access:                          Remote  Break Ctrl:                Remote
Local Switch:                    None   Start Character:          None
Forward:                          None   Backward:                 None
Port name:                        Port_1 Terminal Type:            None
Dedicated Service:   TCP: 128.117.38.196U
```

Characteristics: Telnet Pad

```
Sessions:                        0     Current Session: 128.117.38.196
Input/Output Flow Ctrl:         N/N   DSR/DTR/CTS/RTS/CD:       N/Y/N/Y/N

Seconds Since Zeroed:           11999   Framing Errors:            0
Accesses Local/Rem:             0/1     Parity Errors:             0
Flow Control Violations:        0       Overrun Errors:            0
Bytes Input:                     18840   Bytes Output:              4480
Input Flow On/Off:              0/     0       Output Flow On/Off:       55/    99
```