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## ***ILR-100/SignalPath Quick Setup Guide***

This document provides quick instructions for setting an ILR-100 up as a server for Encore Networks' SignalPath SP201.

If the ILR-100 does not operate as expected after you have performed the procedures in this guide, contact your sales representative at Encore Networks, Inc., or contact Technical Support at [support@encorenetworks.com](mailto:support@encorenetworks.com) (e-mail), 703-787-4625 (fax), or 703-318-4350 (voice).

For more information, see the general guide to *Setting a BANDIT™ Device Up as a Terminal Server*.

- 1** Apply AC power to the ILR-100 and SP201 units.
- 2** Connect the ILR-100 unit to a local PC's serial (comm) port, as follows:
  - a** With the supplied RJ45-to-DB9 adapter and RJ45-to-RJ45 straight cable, connect one end of the RJ45 cable to the Supervisory (SUPV) port on the front of the ILR-100.
  - b** Connect the other end of the cable to the RJ45-to-DB9 adapter.
  - c** Plug the DB9 end of the adapter into the comm port of your PC.
- 3** Open a Comm program, such as HyperTerminal or ProComm Plus. Configure the Comm program with the following values:
  - 9600 baud rate
  - 8 data bits
  - No parity
  - 1 stop bit
- 4** Press the **Enter** key on your keyboard.
  - ❖ The Main Menu is displayed.

```

WELCOME TO ENCORE Product, ELIOS Version: 15800.0585
Copyright ENCORE NETWORKS Inc., 2002-2005.
-----
Term server
Main Menu
-----
1) Quick Start Config Builder

2) Typical Configurations
3) Advanced Configurations
4) Tools

V) View Current Unit Status
L) Load Factory Defaults
P) Load Plug and Play Defaults
W) Write Configuration
R) Reset Unit
X) eXit Session
S) Statistics
Y) sYstem Administration

```

**Note:** This unit has been preconfigured, but changes to the IP address need to be made so that the unit will work in the customer's own network.

**5** From the Main Menu, select **Typical Configurations**.

❖ The Typical Configurations menu is displayed.

```

Term server
Typical Configurations Menu
-----
1) System Configuration
2) IP Interfaces
3) IP Static Routes
4) IP Policies
5) NAT Profiles
6) DNS/DHCP Servers
7) Configure Firewall
8) IP QoS (Quality of Service)

W) WAN      : EtherNet           No DHCP           ETHERNET
S) SERIAL  : Telnet Terminal     SERIAL           V.24/RS232 DTE
P) More Ports...

```

**6** Select **System Configuration**.

```

Enter Choice : 1
-----
Term server
Configure System Parameters
-----
1) System IP Address : 192.168.101.247
2) System Name : Term server

```

**7 Select System IP Address.**

```

Enter Choice : 2

Entry  IP Address      Net Mask      Gpt Name      Next Router      Mode  MTU
-----
1     192.168.101.247  255.255.255.0  WAN           0.0.0.0         Off   1500

Add, Modify, or Delete an Entry? (Enter A, M, or D):

```

**8 Select Modify; then select number 1.**

```

Add, Modify, or Delete an Entry? (Enter A, M, or D): m
Enter Number of Entry to be Modified: 1

1) IP Address : 192.168.101.247
2) Net Mask : 255.255.255.0
3) GPT Name : WAN
4) Next Hop : 0.0.0.0
5) Mode : Off
6) Extra Receive Hops : 0
7) Router Protocol : RIPv1-Compatibility
8) Router Receive Mode : RIPv1 and RIPv2
9) NAT Configuration Number : None
10) Backup Interface IP Address : None
11) Incoming Access List Number : None
12) Outgoing Access List Number : None
13) MTU Configuration : 1500
14) Dynamic MTU adjustment : Disabled
15) Minimum Dynamic MTU: 256
16) Ping Address: None
17) VRRP Parameters: Disabled

```

**9 Select IP Address** and change the preconfigured address to an IP address in your network.**10 Select Net Mask** and change the preconfigured value to the subnet mask of your network.**11 Press the ESC key twice.****12 Select IP Static Routes.**

❖ The following menu is displayed.

```

Enter Choice : 3

Entry  IP Address      Net Mask      Next Router      Path Name  Hops
-----
1     0.0.0.0         0.0.0.0       192.168.101.1  n/a       2

Add, Modify, or Delete an Entry? (Enter A, M, or D):

```

**13 Select Modify; then select number 1.**

```

Enter Number of Entry to be Modified: 1

1) IP Address / Network : 0.0.0.0
2) Subnet Mask : 0.0.0.0
3) GPT Name :          WAN
4) Next Gateway : 192.168.101.1
5) Hops : 2

```

- 14 Select **Next Gateway** and change the preconfigured address to your network's gateway address.
- 15 Then press the **ESC** key three times, and you should be back at the Main Menu.
- 16 Now you need to write and reset in order to save your changes to the configuration. From the Main Menu, select **Write**; then select press **Y**. (See the menu below.)

```

Enter Choice : W
-----
Term server
Write New Configuration to Memory
-----
Y) Yes
N) No

Are You Sure? : Y

```

- 17 When the Main Menu is redisplayed, select **Reset**; then press **Y**. (See the menu below.)

```

Enter Choice : R
-----
Term server
Reset Unit
-----
Y) Yes
N) No

Are You Sure? : Y

```

❖ Configuration changes are complete.

- 18 Now connect an Ethernet cable to the WAN port on the back of the ILR-100.
- 19 Connect the supplied RS-232 DTE cable to the DB25 serial connector on the back of the ILR-100.
- 20 Connect the other end of the supplied RS-232 DTE cable to the supplied DB25-to-DB9 adapter.
- 21 Connect the DB9 end of the adapter to the port marked **SERIAL PORT** on the back of the SP201. (For details of SignalPath connections, see the document *Remote Access to SignalPath™ Devices*.)
- 22 Telnet from a remote PC to the ILR-100's IP address, specifying port 257—for example,  
**telnet 192.168.101.74 257**

❖ When a Telnet connection is established, you will see the command line prompt of the SP201.

- 23 Use the SignalPath commands to configure and manage the SP201.