1. HARDWARE OVERVIEW

The Ethernet connection will be used to attach to your SLC 8000 Console Manager or SLB Branch Office Manager.

2. INSTALLING THE SIM CARD & ANTENNAS

Insert a SIM card into the ES Series device before connecting any external equipment or powering it up using a Phillips screwdriver:

1. Remove the four screws securing the cover. Save the screws for re-installation. Remove the cover.

2. Slide the SIM card into the SIM card holder. Note the orientation of notched corner of SIM card for proper alignment.

3. Reattach the cover using screws removed in step 1.

4. Connect both RF antennas, as shown in the illustration. Adjust the antennas so they are in a V-formation, with a separation of 90 degrees.

5. Connect the power cable to the gateway and apply power. The gateway starts automatically as indicated by the flashing LEDs. It automatically begins the activation process and attempts to connect to the network. This activation process typically takes 5-10 minutes. Once the “signal” LED remains solid, proceed to the next step.
3. CONNECT TO LANTRONIX SLC 8000 ADVANCED CONSOLE MANAGER / SLB BRANCH OFFICE MANAGER

Using the included CAT5 Ethernet cable, connect the ES450 LTE Gateway to the Ethernet2 (Eth2) connection of your SLC 8000 or SLB console unit. To complete your LTE Gateway set up, you may need to upgrade your SLC or SLB firmware to the appropriate version.

(Minimum firmware version: SLC 8000: 7.6.0.1; SLB: 6.6.0.0)

1. Log into your Lantronix SLB or SLC 8000 console web manager. From the Network tab, change the Eth2 settings to “Specify” and enter the IP address and Subnet Mask shown below. It is also a best practice to “Specify” a static IP address on the Eth1 interface for proper fail-over functionality.

2. From the Network tab, Fail-Over Cellular Gateway Configuration section, select Fail-over Device: “Sierra Wireless ES450” in the drop-down menu. Next, enter APN of Mobile Carrier for SIM card provided by your mobile carrier. Next select the Reboot Gateway When Making Changes toggle.

   If a PIN is required, select the PIN Lock toggle and enter appropriate PIN. Otherwise leave blank.

3. Default login credentials will be entered automatically. It is strongly recommended to change your Admin password immediately in the highlighted section!

   - Admin Login: user
   - Change Admin Password: 
   - New Admin Password: 
   - Reboot Gateway When Making Changes: 
   - Retype: 

4. Under Fail-Over Settings - Enter the Fail-over Gateway IP Address as: 192.168.13.31. This is the IP address of the ES450 Gateway.

5. Under Fail-Over Settings, set IP address to Ping to a remote host accessible only over Ethernet1 on your network. When this IP address is unreachable, the SLC or SLB will fail-over to the Gateway connected to the Eth2 port.

6. Click Apply to accept changes. The SLC/SLB will make the setting changes and your ES450 Gateway will reboot. This process typically takes from 2-5 minutes. Fail-over is now enabled to your LTE cellular gateway.

Technical Support

For technical support queries, visit http://www.lantronix.com/support or call (800) 422-7044 Monday – Friday from 6:00 a.m. – 5:00 p.m., Pacific Time, excluding holidays.

If interested in obtaining SIM cards for evaluation purposes, please contact your Lantronix Sales Representative (800) 422-7055 or sales@lantronix.com.