

Configuring an EN-1000™ or EN-2000™ in Pass-Through Mode when Connecting to a Firewall

The EN-1000™ and the EN-2000™ are VPN routers. The EN-1000™ is designed to work in Verizon Wireless Category 1 (CAT-1) LTE public and private networks, and the EN-2000™ is designed to work in Verizon Wireless Category 4 (CAT-4) LTE public and private networks. This bulletin describes how to connect the EN™ product's LAN port to a firewall.

Note: For this application to work correctly, the EN™ product's cellular interface must have a static public IP address.

For details of the steps, see the [EN-1000™ Quick Configuration Guide](#) or the [EN-2000™ Quick Configuration Guide](#) (available at http://encorenetworks.com/document_catalog.htm).

How to Configure an EN-1000™ or an EN-2000™ (in Pass-Through Mode) when its LAN Port is Connected to a Firewall Device

- 1 Access the EN™ product's GUI menu. Choose **Quickstart**.
- 2 Set the **Device Mode** to **IP Pass-Through**.
- 3 At the bottom of the screen, click **Save & Apply**.
- 4 Wait 2 to 3 minutes for the cellular interface to connect.
- 5 Access the GUI menu, using 192.168.10.1.
- 6 At the main screen (**Status/Overview**), choose **Network**, then **Interfaces**.
- 7 Click on **Edit** to the right of the LAN Interface.
- 8 Change the **IPv4 Address** from 192.168.10.1 to the IP address of the cellular IP address, but ending in .1 (ex. 166.x.x.1).
- 9 Next to **IPv4 Net Mask**, choose the pull down window, select **Custom**, and configure as 255.255.255.255.
- 10 At the bottom of the screen, click **Save & Apply**.
- 11 Wait 2 to 3 minutes for the cellular interface to connect.

Note: The firewall that is currently connected to the LAN port should be set to receive an IP address.

❖ The firewall should now have the cellular interface's IP address.

If you need to access the EN™ product's GUI menu via the LAN port (while the unit is configured as IP pass-through), you may do this by using the IP address of .1 (ex. 166.x.x.1) in your web browser.

Connecting the EN™ Product's LAN Port through a Firewall

