



# EN-2000™ Reference Manual

The EN-2000™ is a VPN router designed to work in Verizon Wireless LTE public and private networks. This router has an embedded Verizon LTE cellular module and provides license-free VPN, firewall, Ethernet, and IP interworking. The EN-2000 can also hold a 5 GHz 802.11 wireless module.

The EN-2000 supports remote monitoring, video/alarm panel surveillance, branch back-up/business continuity, and distributed enterprise support. This manual includes documents for installing, using, and maintaining the EN-2000 hardware and software.

The EN-2000 supports 5 GHz 802.11 wireless, cellular data, and traditional broadband networks. Disaster recovery and business-continuity failover/failback are standard. When the EN-2000 is configured for failover, it seamlessly switches to cellular or WAN when it detects a network failure, keeping the network on line.

## Principal Applications

You select the principal function of the EN-2000 when you configure it for the first time. You can select one of the following functions for the EN-2000:

- Business continuity (failover back-up)
- LTE broadband router
- Cellular/IP passthrough
- VRRP back-up

**Note:** To install the EN-2000 quickly, see the [EN-2000™ Quick Installation Guide](#). To set the EN-2000's principal use, see the [EN-2000™ Quick Configuration Guide](#).

## List of Documents

The *EN-2000™ Reference Manual* contains the following documents:

- Starting Documents
  - ◆ [Basic Safety Guidelines](#)
  - ◆ [EN-2000™ Quick Installation Guide](#)
  - ◆ [EN-2000™ Quick Configuration Guide](#)
  - ◆ [Quick Guide to EN-2000™ LED Codes](#)

- Core Documents
  - ◆ [EN-2000 Hardware Description and Specifications](#)
  - ◆ [Using the EN-2000's Management System](#)
  - ◆ [Configuring the EN-2000 for its Network Functions](#)
- Additional Documents for Operation
  - ◆ [Configuring the EN-2000's 802.11 Wireless Card](#)
  - ◆ [Setting Cellular Wireless Parameters in the EN-2000](#)
  - ◆ [DMNR in the EN-2000](#)
  - ◆ [Configuring Dynamic DNS](#)
  - ◆ [Configuring Traffic Priority for the EN-2000](#)
  - ◆ [Virtual Private Networks](#)
  - ◆ [Configuring IPsec VPNs in the EN-2000](#)
  - ◆ [Configuring the EN-2000's VPN Firewall](#)
  - ◆ [Configuring IP Passthrough with a SonicWall Firewall](#)
  - ◆ [Starting and Tracking VPNs in the EN-2000](#)
  - ◆ [Monitoring the EN-2000](#)
  - ◆ [Cloud Management for the EN-2000](#)
  - ◆ [SIM Reactivation](#)
  - ◆ [Applying a System Software Patch to the EN-2000 Operating Software](#)
  - ◆ [EN-2000 System Administration](#)
- Automotive EN-2000
  - ◆ [The Automotive EN-2000™ Router](#)
  - ◆ [Setting the Ignition Power-Off Delay for the Automotive EN-2000™ Router](#)
- Catalog Documents
  - ◆ [Table of Contents](#)
  - ◆ [Glossary](#)

Also see [Using OpenVPN in EN™ Routers](#).

**Note:** Encore Networks, Inc., provides technical support only to authorized Encore resellers and to end customers that have purchased a support contract.