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*

- Single-Use Documents

  - *The Config Server Operation for EN™ Routers*

- 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 the following:

  - *Password Policy for EN™ Routers*

  - *OpenVPN$^®$ on EN™ Routers*

  - *API Integration with the enCloud™/enSite™ Enterprise Management System*

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