EN-4000™ Reference Manual

This manual includes documents for installing, using, and maintaining the EN-4000™ hardware and software.

The EN-4000™ router adds more speed and capacity to Encore Networks' series of wireless routers. This IP router advances Encore's record for copper, optical fiber, and cellular connections; remote management; and support for current and legacy data protocols.

The EN-4000™ chassis is designed to operate in industrial environments with a wide range of ambient temperatures. Its metal enclosure resists dust, moisture, and electromagnetic interference (EMI).

Note: To install the EN-4000™ quickly, see the following:

- *EN-4000™ Quick Installation Guide*
- *EN-4000™ Quick Configuration Guide*
- *EN-4000™ Quick Connection to DC Power*

The EN-4000™ Reference Manual contains the following documents:

- Core Documents
    - *Basic Safety Guidelines*
    - *The EN-4000™ Chassis*
    - *Installing the EN-4000™*
    - *Connecting the EN-4000™ to DC Power*
    - *Configuring General Settings for the EN-4000™*
    - *Configuring Chassis Ports in the EN-4000™*
    - *Configuring the EN-4000™'s 802.11 Wireless Card*
    - *Configuring a MultiWAN for the EN-4000™*
    - *Configuring the EN-4000™'s Serial Ports*

- Additional Set-Up Documents
    - *The EN-4000™'s Solid-State Input/Output Card*
    - *Managing a Solid-State Input/Output Card*
    - *The EN-4000™ in IPsec Virtual Private Networks*
    - *SLE™ in IPsec Virtual Private Networks*
    - *VPNC Scenario for IPsec Interoperability*
    - *DMNR in the EN-4000™*
    - *Monitoring the EN-4000™*
    - *Cloud Management for the EN-4000™*
    - *Reference Sheet for the EN-4000™'s RJ45 Serial Port*
    - *System Administration Screens in the EN-4000™*
    - *Setting the EN-4000™'s Modem to Use AT Commands*
- Catalog Documents
    - *Table of Contents*
- Also see the following:
    - *Password Policy for EN™ Routers*
    - *OpenVPN® on EN™ Routers*

      Note: The EN4000-IE™ chassis can use OpenVPN® or IPsec VPNs. The classic EN-4000™ chassis uses only IPsec VPNs.
    - *Glossary*

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