Quick Start Guide

INSTALLING YOUR CISCO 1401 ROUTER
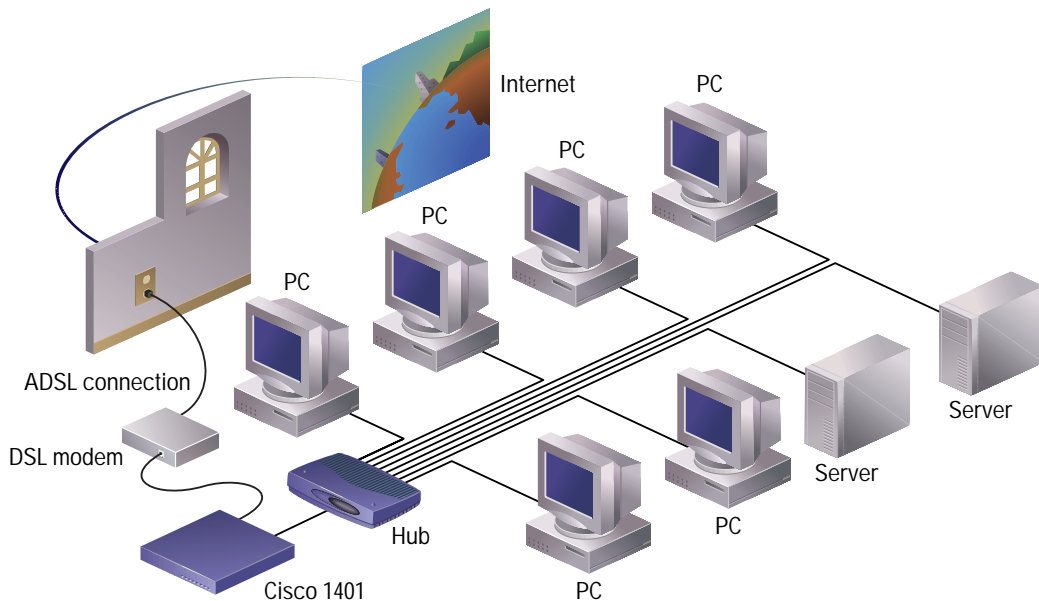
1

UNPACK THE BOX

2

INSTALL THE ROUTER

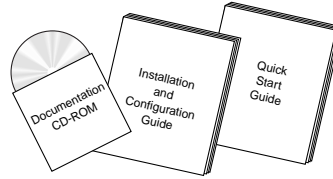**3**

VERIFY YOUR INSTALLATION
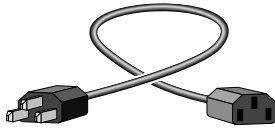
CISCO SYSTEMS

1 Unpack the Box

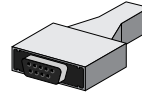When you unpack the box that contains your Cisco 1401 router, you should find the items shown below.

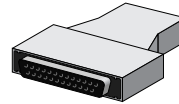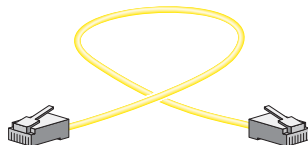Cisco 1401 router

Product documentation

Power cord (black)

DB-9 to RJ-45 console adapter
(light gray)

Console cable
(light blue, RJ-45 to RJ-45)

DB-25 to RJ-45 console adapter
(light gray)

Console cable
(yellow, RJ-45 to RJ-45)

ATM 25 cable
(light green, RJ-45 to RJ-45)

Items You Must Provide:

You must provide the following items to completely install the router:

- 10BaseT Ethernet hub or switch to connect the router to the local network.

- ATM DSL modem to connect the router to the ADSL line.

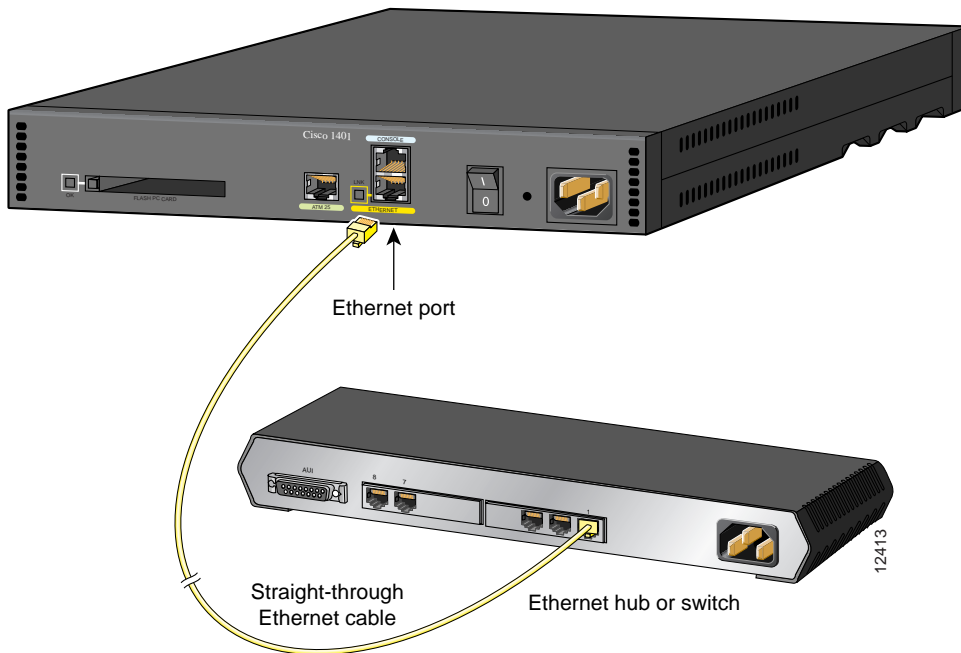- RJ-11-to-RJ-11 cable to connect the DSL modem to the ADSL line.

2 Install the Router

A. Connect the router to the local network

Use the included yellow Ethernet cable for connecting the router to the local Ethernet network. For more information on this cable, refer to the "Cabling Specifications" chapter in the hardware installation guide that came with the router.

Step 1   Connect one end of the yellow Ethernet cable to the yellow ETHERNET port.

Step 2   Connect the other end to a port on the Ethernet hub or switch.

Ethernet port

Straight-through
Ethernet cable

Ethernet hub or switch

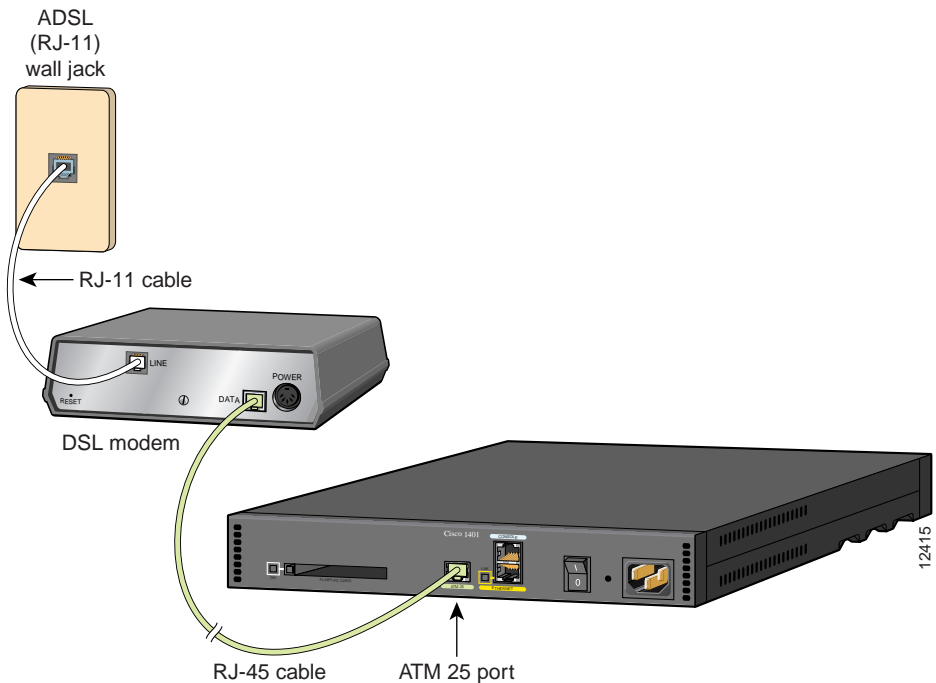# Install the Router (continued)

B. Connect the router to the ADSL line

You must provide an ATM DSL modem (for example, a Cisco 625 or Cisco 626 CAP modem), a crossover RJ-45-to-RJ-45 cable, and an RJ-11-to-RJ11 cable for this connection.

Step 1 Connect one end of the RJ-45 cable to the light-green ATM 25 port on the router.

Step 2 Connect the other end of the RJ-45 cable to the appropriate port on the CAP modem. For the Cisco 625 and Cisco 626, this is the DATA port.

Step 3 Connect one end of the RJ-11 cable to the ADSL port on the CAP modem. For the Cisco 625 and Cisco 626, this is the LINE port.

Note: Refer to the documentation that came with the modem if you are not sure which modem port connects to the router and which port connects to the ADSL line.

**Step 4** Connect the other end of the RJ-11 cable to the ADSL wall jack.

2 Install the Router (continued)

C. Connect a PC to the router

To use Cisco IOS software to configure the router, it must be connected to a terminal or to a PC with terminal-emulation software. Terminal emulation software should be configured with the following settings: 9600 baud, 8 data bits, no parity bits, and 1 stop bit.

Take the following steps to connect the router to one of these devices:

Step 1   Connect one end of the light-blue console cable (included) to the CONSOLE port on the router rear panel.

Step 2   Depending on the console port connector (DB-25 or DB-9) on your terminal or PC, connect one of the gray adapters (included) to the other end of the console cable.

**Step 3**   Connect the gray adapter to the DB-25 or DB-9 connector on your terminal or PC.

Light blue
console cable   To PC or terminal
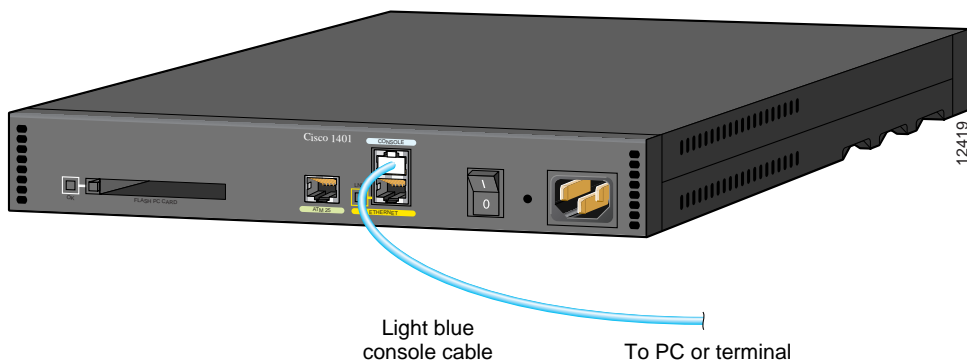
Install the Router (continued)

D. Connect the power cord

Step 1   Connect the power-supply cord to the power socket (labeled +5,+12,-12 VDC) on the rear panel.

Step 2   Connect the other end of the cord to a power outlet.

Step 3   Turn on the router by pressing the power switch to the ON (|) position.

Step 4   Confirm that the router has power by checking that the PWR LED on the front panel is on.

Power switch
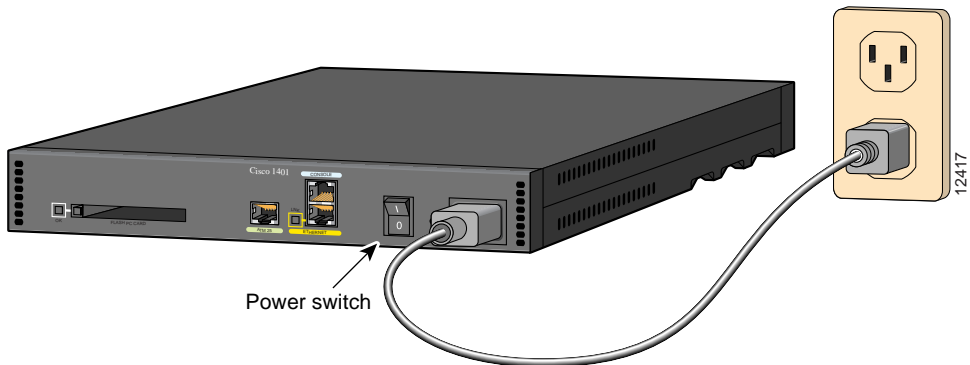
3 Verify Your Installation

After the router is powered on, the following LEDs confirm that you have correctly installed your router.

LED	Location	What to Look for
PWR	Front	On when power is being supplied to the router.
OK	Front	• One blink per second when the router is in ROM monitor mode. • Several blinks per second when the router is running the boot image in ROM monitor. • On steady when the Cisco IOS software is loaded and functional.
LNK	Rear	On when the router is correctly connected to the local Ethernet network through the ETHERNET port.
WAN CARRIER	Front	On when the router has synchronized with the ADSL switch.
ETHERNET ACT	Front	Blinking when there is network traffic on the local Ethernet LAN.
OK	Rear	On when the Flash PC card is correctly installed in the router. If this LED is off, refer to the installation and configuration guide that came with your router for instructions on how to reinstall the Flash PC card.

For More Information

For more information about installing or configuring your Cisco 1401 router, refer to the following sources:

• *Cisco 1401 Router Installation and Configuration Guide* (in the accessory kit).

• The Cisco Connection Online card (in the accessory kit), which lists telephone numbers, e-mail addresses, and World Wide Web URLs for getting information directly from Cisco Systems.

CISCO SYSTEMS

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