Quick Start Guide

CISCO AIRONET 340 SERIES USB CLIENT ADAPTER

1

TAKE OUT WHAT YOU NEED

2

INSTALL THE USB CLIENT ADAPTER

3

INSTALL THE DRIVER AND UTILITIES

CISCO SYSTEMS
®

1 Take Out What You Need

Check to see that you have the following items:

- Cisco Aironet 340 Series USB Client Adapter (labeled Wireless USB Adapter)

- USB cable (2-meter)

- Velcro Strips

- Cisco Aironet 340 Series USB Client Adapter CD for Windows 98, Windows 2000 and Windows ME with software and product documentation

If any item is missing or damaged, contact your Cisco representative or reseller for support.

Computer Requirements

A computing device (desktop or laptop computer) equipped with a USB port. All drivers and supporting software for the USB port must be loaded and configured.

2 Install the USB Client Adapter

Overview

The Cisco Aironet 340 Series USB Client Adapter will operate in a wide range of environments but will deliver maximum performance if the adapter is installed in the best possible configuration.

Here is the optimum configuration for the adapter:

• Positioned so the curved surface of the adapter faces in the direction of the Access Point

• Installed vertically on a wall, the higher on the wall the better

• The 2-meter cable connected directly between the adapter and the USB port on the computer

The instructions that follow describe alternate or non-ideal conditions that will work, but could contribute to reduced system performance. The further you deviate from optimum conditions, the more likely you will degrade performance. If your operating environment prevents an optimum installation, refer to the Software Configuration Guide and the Link Test Utility which is a tool for testing and optimizing performance under marginal conditions.

Multiple USB Devices

For optimum performance, connect the adapter cable directly into the computer's USB port. If you are using more than one USB device, install a multi-port USB hub. The adapter is powered by the computer, so attaching other devices will increase power drain from the computer. To avoid excessive power drain when using more that one USB device, install the adapter into a self-powered hub.

Follow these steps to install the adapter:

1 Select an operating location. For optimum performance, use only the 2-meter cable supplied with the adapter. Using an extension USB cable could degrade system performance.

2 Position the adapter vertically on a wall, the higher on the wall better. If no wall is available, the adapter can rest horizontally on a flat surface but you will get reduced system performance. Position the curved face of the adapter in the direction of the Access Point.
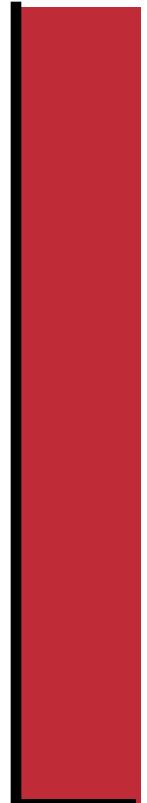
3 Mount the adapter. The adapter includes Velcro mounting strips with a peel-off backing. If installing the adapter on a flat non-fabric surface, use both black and white strips. Leave black loops attached to white hooks. Peel off white strip backing and attach to adapter. Peel off black strip backing and attach to wall. If installing adapter on a fabric wall, there is no need to attach the black loop strip to the wall. The white hook strip will adhere to fabric.

4 Power up the computer. You will connect the adapter to the USB port while the computer is running.

5 Install the USB Adapter CD.

6 Connect the USB cable between the adapter and the USB port. The operating system will detect the new hardware and start the configuration sequence.

3 Install the Driver and Utilities

Note: The following procedures assume you are installing the driver from the CD provided. If your PC does not have a CD-ROM drive, download the driver from Cisco's web site.

After you have installed the USB client adapter, the system automatically detects it, opens a New Hardware Found window, and starts collecting information for a driver database.

Follow these steps to install the drivers:

1 When the Add New Hardware Wizard dialog box opens, it is searching for new drivers. Click **Next**.

2 From the next dialog box, select **Search for the best driver for your device** (**Recommended**) and click **Next**.

3 If asked which drive to choose to load drivers, select **CD-ROM drive** and deselect all other options.

4 The hardware wizard will find the installation files on the CD and display the search results. When the USB adapter driver is displayed, click **Next** to copy the required files.

5 During driver installation, you may be prompted to enter a path to the required client adapter or Windows files:

   (a) Windows files installed on your PC are usually located in the folder C:\Windows\Options\Cabs. Click **OK** to install.

   (b) If the system prompts you for the Windows CD and the CD-ROM drive on your PC is drive D, the path should be D:\WIN(either 98, 2K, or ME). Click **OK** to copy the required files.

6 The Add New Hardware Wizard window again opens indicating that the installation is complete. Click **Finish.**

7 Remove the CD and restart your laptop.

Follow these steps to install the utilities:

After you have installed the appropriate driver for your system, you can install the Cisco Aironet Client Utilities (ACU), Link Status Meter (LSM), and Client Encryption Manager (CEM) utilities. Installing utilities is optional unless using Wired Equivalent Privacy (WEP) in your network. If WEP is enabled, all devices in the network must have the same WEP code, which you set using the CEM utility. The ACU and LSM utilities provide troubleshooting and status information, but are not required.

1 Insert the CD-ROM for your operating system into your computer CD-ROM drive.

2 Select **Start > Run** and enter the following path (where **D** is the letter for your CD-ROM drive): **D:\utils\setup.exe**

3 Follow the setup instructions on the screen to complete the installation.

Refer to Software Configuration Guide on the Client Adapter CD for instructions on how to use each utility.

Note: After you have installed the appropriate driver and utilities, contact your IS department if you have a problem connecting to the network.

5

Safety Information for the Cisco Aironet 340 Series USB Client Adapter

The FCC with its action in ET Docket 96-8 has adopted a safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC certified equipment. Cisco Aironet 340 Series products meet the uncontrolled environmental limits found in OET-65 and ANSI C95.1, 1991. Proper operation of this radio according to the instructions found in this manual and the user guide on the Cisco Aironet 340 Series USB Client Adapter product CD will result in user exposure that is substantially below the FCC recommended limits.

- Do not touch or move antenna(s) while the unit is transmitting or receiving.

- Do not hold any component containing the radio such that the antenna is very close or touching any exposed parts of the body, especially the face or eyes, while transmitting.

- Do not operate a portable transmitter near unshielded blasting caps or in an explosive environment unless it is a type especially qualified for such use.

- Do not operate the radio or attempt to transmit date unless the antenna is connected; if not, the radio may be damaged.

- Antenna use:

    — Always orient the antenna so that it is at least 6 inches (15 cm) away from your body or the body of any bystander.

Compliance Information for the Cisco Aironet 340 Series USB Client Adapter

Federal Communication Commission Declaration of Conformity Statement

This device complies with Part 15 rules. Operation is subject to the following two conditions:

1 This device may not cause harmful interference, and

2 This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment. This equipment generates, uses, and radiates radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference. However, there is no guarantee that interference will not occur. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.

- Increase separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician.

Department of Communications—Canada
Canadian Compliance Statement

This class B Digital apparatus meets all the requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numerique de la classe B respecte les exigences du Reglement sur le material broilleur du Canada.

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

The device is certified to the requirements of RSS-139-1 for 2.4 GHz spread spectrum devices. The use of this device in a system operating either partially or completely outdoors may require the user to obtain a license for the system according to the Canadian regulations. For further information, contact your local Industry Canada office.

European Telecommunications Standards Institute
Statement of Compliance
Information to User

This equipment has been tested and found to comply with the European Telecommunications Standard ETS 300.328. This standard covers Wideband Data Transmission Systems referred to in CEPT recommendation T/R 10.01.

This type accepted equipment is designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

CISCO SYSTEMS

®

Corporate Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
http://www.cisco.com
Tel: 408 526-4000
     800 553-NETS (6387)
Fax: 408 526-4100

European Headquarters
Cisco Systems Europe s.a.r.l.
Parc Evolic, Batiment L1/L2
16 Avenue du Quebec
Villebon, BP 706
91961 Courtaboeuf Cedex
France
http://www-europe.cisco.com
Tel: 33 1 69 18 61 00
Fax: 33 1 69 28 83 26

Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
http://www.cisco.com
Tel: 408 526-7660
Fax: 408 527-0883

Asia Headquarters
Nihon Cisco Systems K.K.
Fuji Building, 9th Floor
3-2-3 Marunouchi
Chiyoda-ku, Tokyo 100
Japan
http://www.cisco.com
Tel: 81 3 5219 6250
Fax: 81 3 5219 6001

Cisco Systems has more than 200 offices in the following countries. Addresses, phone numbers, and fax numbers are listed on the Cisco Connection Online Web site at http://www.cisco.com/offices.

Argentina • Australia • Austria • Belgium • Brazil • Canada • Chile • China • Colombia • Costa Rica • Croatia • Czech Republic • Denmark • Dubai, UAE
Finland • France • Germany • Greece • Hong Kong • Hungary • India • Indonesia • Ireland • Israel • Italy • Japan • Korea • Luxembourg • Malaysia
Mexico • The Netherlands • New Zealand • Norway • Peru • Philippines • Poland • Portugal • Puerto Rico • Romania • Russia • Saudi Arabia • Singapore
Slovakia • Slovenia • South Africa • Spain • Sweden • Switzerland • Taiwan • Thailand • Turkey • Ukraine • United Kingdom • United States • Venezuela

Printed in the USA on recycled paper containing 10% postconsumer waste.