Targus Wireless Web Card™

Data-Capable Mobile Phone

Wireless Web Card

User's Guide

Chapter 1 - Introduction

The World Is Your Network

The Wireless Web Card (WWC) lets you connect your data-capable mobile phone to a Windows-based mobile computer or Apple PowerBook so you can send and receive email and faxes, browse the web, connect to your office network and synchronize files— **all wirelessly!** The WWC lets you access the Internet from anywhere in your wireless coverage area.

Your Phone Is Your Modem

When you use the WWC, you don't need a modem, because your data-capable mobile phone simulates one. You can use the WWC with remote networking or any other application that works with a regular modem.

One Size Fits All

The WWC fits directly into the CompactFlash I/O card slot of a Windows Powered Pocket PC or Windows CE-based Palm-size PC, Handheld PC Pro, or pen tablet. With the CompactFlash-to-PC Card adapter, you can also use the WWC in the PC card slot of a Windows CE-based Handheld PC Pro, Windows 95/98/2000/NT notebook or Apple PowerBook.

Overview of WWC Setup

Setting up the WWC involves two main steps. First, the mobile computer must recognize the WWC. Second, the mobile computer must be configured for remote networking.

For most mobile computers to recognize the WWC, you must install Targus' setup software by running the included installation CD. During setup, it is crucial to know when to connect the WWC to your particular type of mobile

computer. For instructions, refer to the chapter that covers your operating system.

How this Manual is Organized

This chapter, the Introduction**,** describes key features of the WWC, reviews some preliminary checkpoints before installation, details how this manual is organized and identifies the package contents.

Chapter 2, Hardware Setup, describes how to connect the WWC to your computer and phone and how to remove the WWC from your computer.

Chapter 3, Pocket PC Setup, shows how to install the WWC drivers and configure your Pocket PC for remote networking.

Chapter 4, Windows CE Setup, shows how to install the WWC drivers and configure your Windows CE-based computer for remote networking.

Chapter 5, Windows 95/98 Setup, shows how to install the WWC drivers, how to configure Windows to accept the new hardware and how to set up your Windows 95/98 notebook for remote networking.

Chapter 6, Windows 2000 Setup, shows how to install the WWC drivers, how to configure Windows to accept the new hardware and how to set up your Windows 2000 notebook for remote networking.

Chapter 7, Windows NT Setup, shows how to configure Windows to accept the new hardware and how to set up your Windows NT notebook for remote networking.

Chapter 8, Apple PowerBook Setup, shows how to install the WWC drivers and configure your Apple PowerBook for remote networking.

Appendix A, Specifications, provides technical specifications for the WWC.

Appendix B, Hints and Tips, gives tips for using the system efficiently.

Appendix C, Troubleshooting, gives advice for fixing the most common problems you may encounter while using the WWC.

Appendix D, Need More Help?, tells you how to reach Targus for technical support.

Contents of the Connection Kit

The Targus Wireless Web Card Data Connection Kit includes these items:

❖ A Targus Wireless Web Card (CompactFlash card Type I)

❖ A data cable, already attached to the WWC, customized for a specific range of mobile phones

❖ A CompactFlash-to-PC Card adapter

❖ The *Targus Wireless Web Card Installation CD*

❖ The *Targus Wireless Web Card Installation Guide*

Chapter 2 - Hardware Setup

Overview

This chapter describes how to insert the Wireless Web Card (WWC) into your computer, how to connect the WWC to your phone, and how to remove the WWC from your computer.

Connecting the WWC to Your Computer

You can operate the WWC in a CompactFlash I/O card slot or, by using the CompactFlash-to-PC Card adapter, in a PC Card (PCMCIA) slot.

Plug the WWC directly into a
CompactFlash I/O card slot

OR
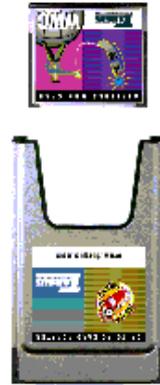
Plug the WWC into a
CompactFlash-to-PC Card
adapter, then insert the
combined unit into a PC Card slot.

Connecting the WWC to Your Phone

After attaching the Wireless Web Card to your computer,
connect the free end of the data cable to the data port of
your mobile phone.

Your WWC's retail box may not provide a complete listing of all the mobile phones compatible with your version of the WWC. For a complete, up-to-date listing, visit Targus' Wireless Web Card Web site at:

www.targus.com/wirelessweb

Removing the WWC

Windows 95/98/NT

Before removing the Wireless Web Card, click the PC Card icon on the taskbar at the bottom of your screen. In the window that appears, select the Wireless Web Card, and click **Stop**.
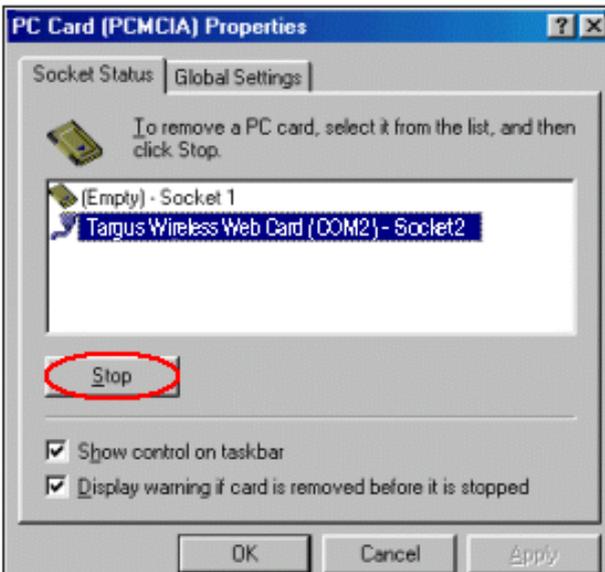
When a window reports that you may safely remove the device, go ahead and remove the WWC.

Computers Without Card Eject Buttons

If your computer does not have a card eject button, you can remove the WWC from a CompactFlash I/O card slot by gripping the inner edge of the black plastic bezel. This bezel runs across the end of the card on either side of the cable connector. It extends slightly beyond the WWC's metal surface on the card's bottom side.

This side-view of the WWC shows where to pull:

WWC CompactFlash Card   Black Bezel

Pull Here
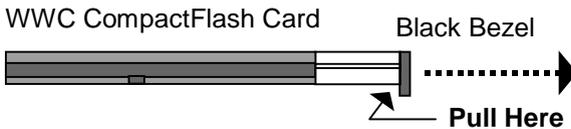
PC Card Adapters

If you are using the WWC with a CompactFlash-to-PC Card adapter, remove the combined unit from your computer by using the PC Card eject button on your mobile computer.

Chapter 3 - Pocket PC Setup

Overview

The Wireless Web Card (WWC) lets you connect your mobile phone to a Windows Powered Pocket PC so you can wirelessly access your office network or the Internet. This chapter describes how to configure your Pocket PC so it will recognize the WWC.

CAUTION: For most Pocket PCs, you must run the Targus Wireless Web Card Installation CD, included in the package, to install the WWC drivers. After installing the software and setting up the hardware, you must also configure your Pocket PC for remote networking.

Using Your Pocket PC Wirelessly

You can use your Pocket PC's remote communications capabilities to make your mobile phone work as a wireless modem.

Wireless Web Browsing

All Pocket PC versions include Pocket Internet Explorer. After wirelessly connecting to your office network or ISP, you can use Pocket Internet Explorer to browse the Internet.

Wireless Email

You have three options for using the WWC for wireless email access on your Pocket PC. With ActiveSync, your Pocket PC's Inbox synchronizes with Microsoft Outlook or Exchange running on your host computer. You can also set up the Pocket PC Inbox to directly access your office network or Internet Service Provider (ISP). If you have Pocket Internet Explorer, you can also use web-based email services.

Wireless ActiveSync

After setting up dial-in access on your host PC, you can use ActiveSync to synchronize with your desktop. Please refer to your Windows CE manual for detailed instructions.

Getting Started is Easy

1 Make sure your telephone service carrier has activated data services for your phone.

2 Install Targus' software drivers.

3 Connect the WWC to your Pocket PC and phone.

4 Set up your Pocket PC for remote networking.

5 Dial and connect.

Now you are ready to go wireless!

Running the SETUP Program

Follow these steps before inserting the WWC:

1 Establish an active connection between your Pocket PC and a host PC. Use your Pocket PC's serial or USB connection cable.

2 Insert the *Targus Wireless Web Card Installation CD* into the CD-ROM drive of your host PC.

3 Click **Start/Run** on your host PC, type D:\SETUP (use the drive letter of your CD-ROM drive in place of D:) and follow the instructions on your host PC.

The WWC Setup Center Welcome Page appears.

4 Click **Next>**.

The WWC Setup Center Main Page appears.
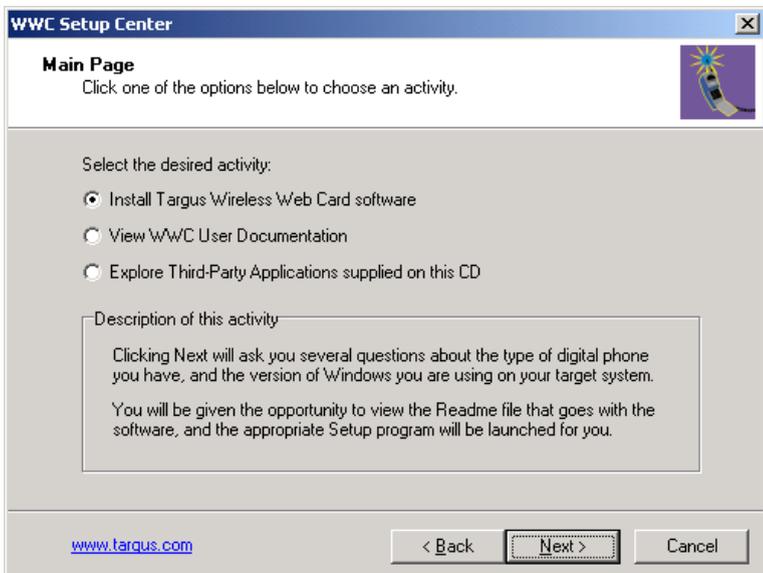
5 Verify that "Install Targus Wireless Web Card software" is selected, then click **Next>**.

The Phone Manufacturer and Model screen appears.
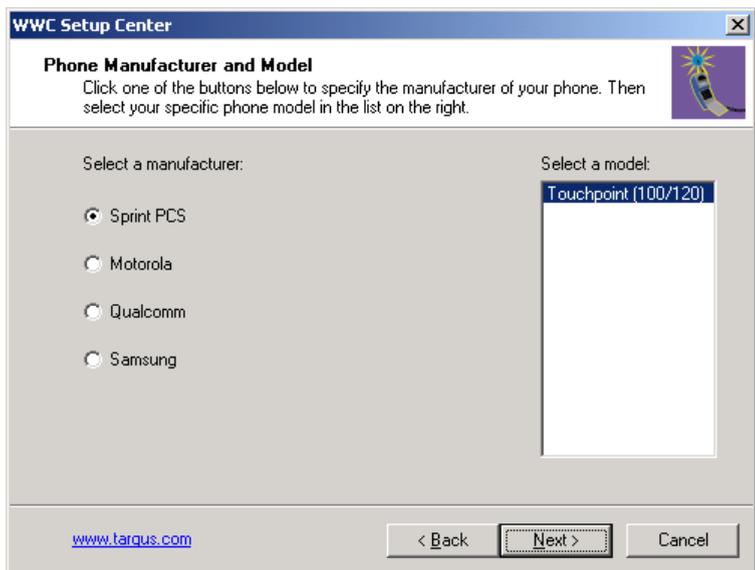
6 Select the manufacturer and model of your mobile phone, then click **Next>**. (If you are unsure of the phone model, look on the back or underneath the phone's battery.)

The Target Operating System screen appears.
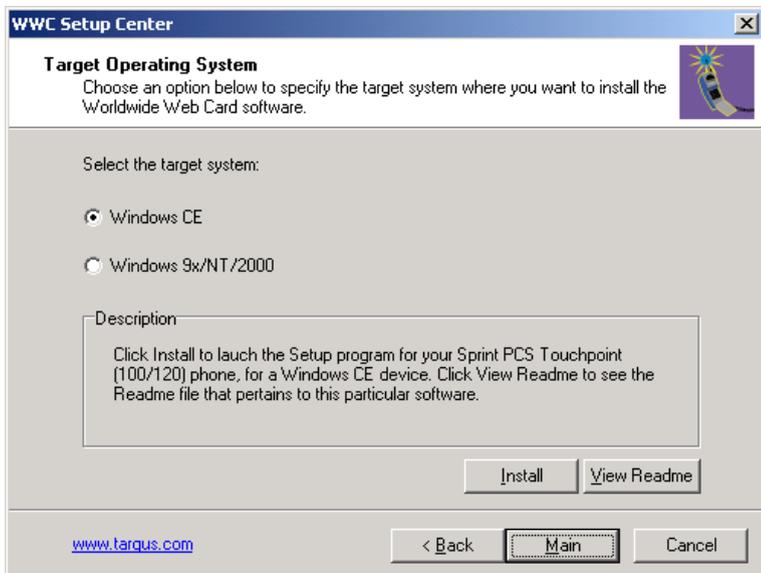
7 Select **Windows CE** as the operating system, then click **Install**.

The WWC Welcome screen appears.

8 Click **Next>** to install the WWC software.

9 If you are prompted to replace a file, tap **Yes to All**.

10 When the installation is complete, click **Main** to return to the WWC Setup Center.

HINT: The Setup Center's Main Page lets you install the WWC software, view WWC user documentation, and explore third-party applications supplied on the CD.

11 To leave the WWC Setup Center, click **Cancel**.

12 Remove the Pocket PC from the serial or USB connection cradle.

13 Reset the Pocket PC to load the new software.

Now you are ready to connect the WWC to your Pocket PC and phone. For instructions, refer to Hardware Setup on page 6.

After connecting the hardware, follow the instructions in Preparing for Remote Networking on page 18 to configure remote networking.

Preparing for Remote Networking

Before configuring your Pocket PC for remote networking, contact your office network administrator or Internet Service Provider (ISP) with the following questions:

❖ What is my dial-up number?

❖ What are my user name and password?

❖ Do I need any TCP/IP settings?

❖ What type of dial-up server am I connecting to?

❖ Which network protocol will I be using?

Setting up Remote Networking

Before setting up dial-up networking, you must have remote access to either your office network or an ISP account.

1 With the WWC inserted into your Pocket PC, tap 🖼, and then **Settings**.

2 On the bottom of the **Settings** window, tap the **Connections** tab.

3 On the **Connections** screen, tap the **Modem** icon.

The **Modem Connections** screen appears.

📖 Settings	10:43a (ok)
Modem Connections	

New Connection...

Connections | Dialing |

To start a modem connection, go to the
Connections folder.

⌨ | ▲

4 Tap **New Connection**… .

The **Make New Connection** screen appears.
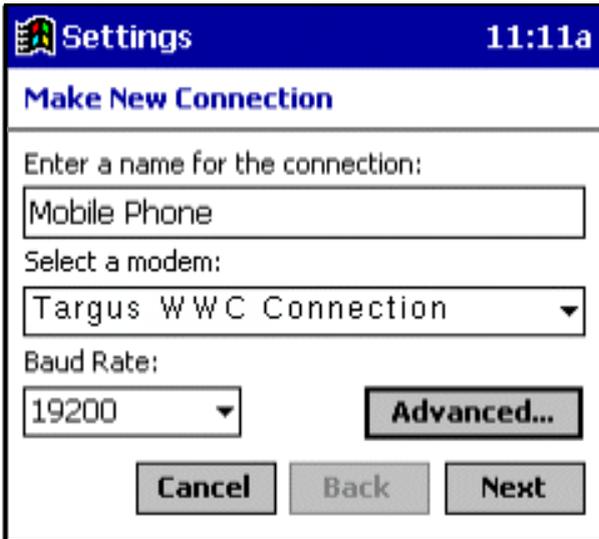
5 In the top box, enter a name for your new connection, such as "Mobile Phone."

6 In the **Select a modem** box, select **Targus WWC Connection**.

7 Tap the **Advanced...** box.

*WARNING: Do not change the default settings in the **Port Settings** window.*
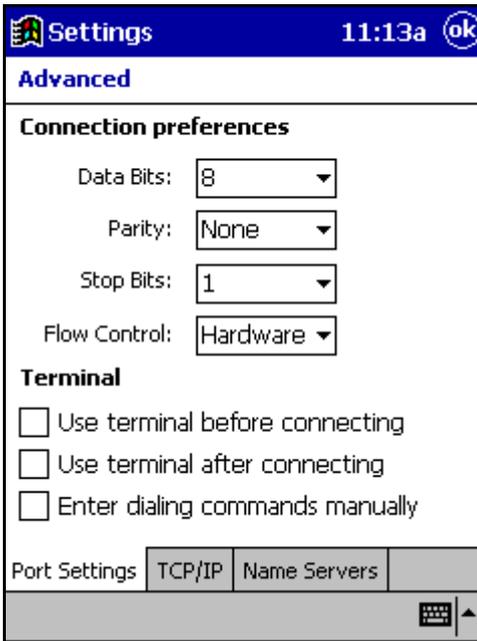
*NOTE: If you use server-assigned IP addresses, you can probably keep the default settings in the **TCP/IP** and **Name Servers** windows. Otherwise, follow the instructions from your network administrator or ISP to configure specific IP and name server addresses.*

*If you don't know what to enter, tap **OK**.*

8 When you return to the **Make New Connection** window, tap **Next.**

The **Mobile Phone** screen appears.

9 Enter the phone number of your office network or ISP and tap **Next**.

10 Uncheck **Wait for dial tone before dialing**, then tap **Finish**.

Making a Data Call

After installing the software drivers, connecting the hardware, and configuring for remote networking, you are ready to make a data call.

Preliminary checkpoints

❖ Make sure the cable and connectors are fastened securely to your phone and the WWC is inserted in your Pocket PC.

❖ Make sure your mobile phone is turned ON with the antenna extended. If possible, position your phone upright.

❖ Make sure your phone has enough battery power for your data call.

❖ Make sure your phone is receiving a digital signal. On some phones, the display will show a 🄳, indicating that your phone is in digital mode. Make sure the signal strength is sufficient.

Placing the call

1 With the WWC inserted in your Pocket PC, tap 🖳 and then **Programs**.

2 On the **Programs** screen, tap the **Connections** icon.

Connections

3 On the **Connections** screen, tap the icon with the name you gave your WWC connection.

The **Connect To** window appears.

4 Enter your **User name** and **Password**. In the **Dial from** box, select your location.

*NOTE: You can check the **Save password** box, but your password will be saved only after you start the connection.*

5 Tap **Dialing Options**... .

6 Tap the **Dialing Patterns Box**.

7 Remove the 9 at the beginning of each line.

8 Tap **OK**.

9 Tap **OK** again.

10 Tap **Connect**.

When the Status screen reports that the call has
Connected, you are ready to use your email, fax, web-
browsing and file synchronization applications —
wirelessly!

Ending a Data Call

When you are ready to end your data call:

1   Go to Windows 🖼, then Today and tap the Connection
Status icon 📶 in your Pocket PC's task tray.

A status window appears.

2   Tap **Disconnect** to end the connection.

The Connection Status icon will disappear from the task
tray, and your mobile phone will hang up.

Chapter 4 - Windows CE Setup

Overview

The Wireless Web Card (WWC) lets you connect your mobile phone to a Windows CE-based mobile computer so you can wirelessly access your office network or the Internet. This chapter describes how to configure Windows CE from your mobile computer so that it will recognize the WWC.

> *CAUTION: You must run the* Targus Wireless Web Card Installation CD, *included in the kit, to install the WWC drivers. After installing the software and connecting the hardware, you must also configure your Windows CE-based computer for remote networking.*

Using Your Windows CE Computer Wirelessly

You can use the remote communications capabilities of Windows CE to make your mobile phone work as a wireless modem.

Wireless Web Browsing

Most Windows CE versions include Pocket Internet Explorer. After wirelessly connecting to your office network or ISP, you can use Pocket Internet Explorer to search the Internet.

Wireless Email

You have three options for using the WWC for wireless email access on your Windows CE-based mobile computer. With ActiveSync, the Windows CE Inbox synchronizes with Microsoft Outlook or Exchange running on your host computer. You can set up the Windows CE Inbox to directly access your office network or Internet Service Provider (ISP). If you have Pocket Internet Explorer, you can also use web-based email services.

Wireless ActiveSync

After setting up dial-in access on your host PC, you can use ActiveSync to synchronize with your desktop. Please refer to your Windows CE manual for detailed instructions.

Getting Started is Easy

1 Make sure your telephone service carrier has activated data services for your phone.

2 Install Targus' software drivers.

3 Connect the WWC to your Windows CE-based computer and phone.

4 Set up your Windows CE-based computer for remote networking.

5 Dial and connect.

You are now ready to go wireless!

Running the SETUP Program

Follow these steps BEFORE inserting your WWC into your mobile computer:

1 Establish an active connection between your Windows CE-based computer and a host PC. Use the serial connection cable included with your device.

2 Insert the *Targus Wireless Web Card Installation CD* into the CD-ROM drive of your host PC.

3 Click **Start/Run** on your host PC, then type D:\SETUP (Use the drive letter of your CD-ROM drive in place of the D:).

4 Click **Next>**.

The WWC Setup Center Welcome Page appears.

5 Verify that "Install Targus Wireless Web Card" is selected, then click **Next**.

6 Select the manufacturer and model of your mobile phone, then click **Next**. (If you are unsure of the phone model, look on the back or underneath the phone's battery.

7 Select **Windows CE** as the operating system, then click **Install**.

Follow the on-screen instructions to complete the setup.

8   When Microsoft's ActiveSync prompts to install the
     applications, click **Yes**.

9   When the installation is complete, click **Main** to return to
     the WWC Setup Center, then click **Cancel**.

10   Remove the Windows CE-based computer from the
     serial connection cable.

11   Reset the Windows CE-based computer to load the
     new software.

     Now you are ready to connect the WWC to your mobile
     computer and phone. For instructions, refer to
     Hardware Setup on page 6.

Things to Remember

This chapter features Windows CE screen images from
Palm-size PCs. If you use a Handheld PC, your computer
screens will have different formats, but they will be
functionally equivalent.

This chapter will note any significant differences that may
exist between the wording shown on Palm-size PC screens
and the wording shown on Handheld PC screens.

Some Windows CE-based computers support a touch pad
and not a pen, so whenever these instructions say "tap," you
may substitute "click."

After setting up the hardware, follow the instructions in to
configure your Windows-CE based computer for remote
networking.

Preparing for Remote Networking

Before configuring your Windows CE-based computer for remote networking, contact your office network administrator or Internet Service Provider (ISP) with the following questions:

❖ What is my dial-up number?

❖ What are my user name and password?

❖ Do I need any TCP/IP settings?

❖ What type of dial-up server am I connecting to?

❖ Which network protocol will I be using?

Setting Up Remote Networking

Before setting up remote networking, you must have remote access to either your office network or an ISP account.

1 With the WWC inserted in your Windows CE-based computer, tap **Start, Programs, Communications**, then **Remote Networking** or, on a Palm-size PC**, Connections.**

2 Double-tap **Make New Connection**.

3 On the **Make New Connection** screen, enter a name for the connection, such as "Mobile Phone."

4 Select **Dial-Up Connection**, then tap **Next>**.

The **Make New Dial-Up Connection** window appears.

5 From the **Select a modem** list, tap **Targus WWC Connection**, then tap **Configure…** .

The **Device Properties** window appears.
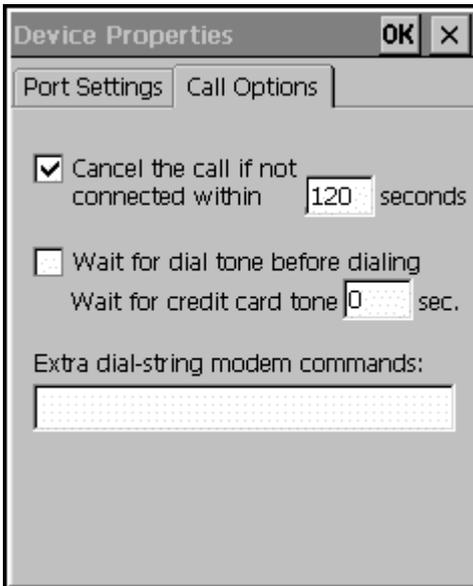
6 Tap the **Call Options** tab:

*NOTE: Ignore the **Port Settings** windows tab.*

7 Uncheck **Wait for dial tone before dialing**, then tap **OK.**

8 After returning to the **Make New Dial-Up Connection** window, tap **TCP/IP Settings…** .

The **TCP/IP Settings** window appears.
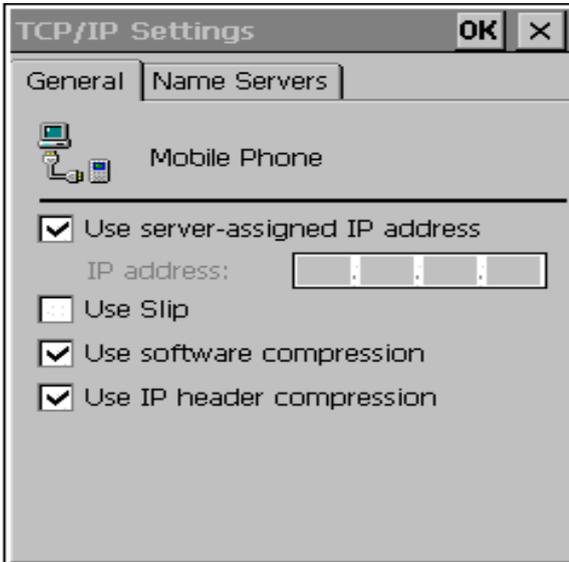
9 Following the instructions from your network administrator or ISP, enter the necessary configuration options.

- ❖ If you do not use a server-assigned IP address, uncheck the **Use server-assigned IP address** box. Enter your static IP address in the **IP address** box, and tap the **Name Servers** tab to enter your DNS and WNS addresses if necessary.

- ❖ When you have entered all the information, tap **OK**.

- ❖ If you don't have instructions from your network administrator or ISP or don't know what to enter, tap **X** to cancel.

10 In the **Make New Dial-Up Connection** window, tap **Next>**.

11 Enter the phone number of your office network or Internet Service Provider. Select **Force long distance**, then tap **Finish**.

Making a Data Call

After installing the software, connecting the hardware, and configuring for remote networking, you are now ready to make a data call.

Preliminary checkpoints

❖ Make sure the cable and connectors are fastened securely to your phone and the WWC is inserted in your Windows CE-based computer.

❖ Make sure your mobile phone is turned ON with the antenna extended. Position your phone upright for the best results.

❖ Make sure your phone has enough battery power for the data call.

❖ Make sure your phone is receiving a digital signal. Some phones will show a 🅳 on the display, indicating that your phone is in digital mode. Make sure the signal strength is sufficient.

Placing the call

1 Do one of the following:

❖ On a Palm-Size PC, tap **Start, Programs, Communications**. Tap on the name of the wireless connection you set up for the WWC.

❖ On a Handheld PC, tap **Start, Programs, Communications**, **Remote Networking.** Double-tap on the icon for the wireless connection you set up for the WWC.

2 In the **Dial-Up Connection** window, enter your **User Name** and **Password**. If you want, check the **Save password** box, and tap **Connect**.

*NOTE: If you choose the **Save password** option, the information will be saved only after you tap **Connect**.*

3   Tap the **Dialing Patterns** box.

4   Remove the 9 at the beginning of each line.

5   Tap **OK**.

6   Tap **OK** again.

7   Tap **Connect**.

8   If necessary, modify your dial properties to ensure that Windows CE dials the number of your office network or ISP properly. For instructions, refer to your Windows CE user manual.

When the Windows CE-based computer starts calling, a screen titled **Connecting to Mobile Phone** appears, displaying the call status.

9   Once the connection is established, the Connection Status icon appears in your system tray.

You are ready to use your email, fax, web-browsing, and file synchronization applications—wirelessly!

Ending a Data Call

1 To end your data call, double-tap the Connection Status icon in the system tray.

Connection
Status icon

A Connection status window appears.

2 Tap **Disconnect** to end the call.

The Connection Status icon will disappear from the system tray, and your mobile phone will hang up.

Chapter 5 - Windows 95/98 Setup

Overview

The Wireless Web Card (WWC) lets you connect your mobile phone to a Windows-based notebook so you can wirelessly connect to your office network or the Internet. This chapter describes how to configure your Windows 95/98 notebook so it will recognize the WWC.

> *CAUTION: You must run the included* Targus Wireless Web Card Installation CD *to install the WWC drivers. After installing the software and connecting the hardware, you also need to configure Windows to accept the new hardware, and then configure your notebook for remote networking.*

Getting Started is Easy

1   Make sure your telephone service carrier has activated data services for your phone.

2   Connect the WWC to your computer and phone.

3   Install the WWC drivers on your notebook.

4   Configure Windows to accept the new hardware.

5   Set up remote networking.

6   Dial and connect.

Now you are ready to go wireless!

For instructions on connecting the WWC to your computer and phone, refer to Hardware Setup on page 6.

Running the SETUP Program

Windows 95

The first time you insert the WWC, you will see a screen titled **Update Device Driver Wizard**.

1. Insert the installation CD and click **Next>**.

2. Click **Other Locations** and specify your CD drive.

3. When the driver is found, click **Finish**.

Windows 98

The first time you insert the WWC, the **Add New Hardware Wizard** screen appears.

1. Click **Next>**.

2. Click **Search for the best driver for your device**, and then click **Next>**.

3. Insert the installation CD.

4. Check **CD-ROM drive** and click **Next>**.

5. When the driver is found, click **Next>**.

6. When Windows has finished installation, click **Finish**.

Configuring Windows for the New Hardware

This section provides general guidelines for setting up Windows 95/98 but features screen images only from Windows 98. In most cases, Windows 95 will have functionally equivalent screens.

1 From the desktop, click **Start, Settings,** then **Control Panel**.

Modems

2 In the **Control Panel**, double-click **Modems**.

The **Modems Properties** window appears.
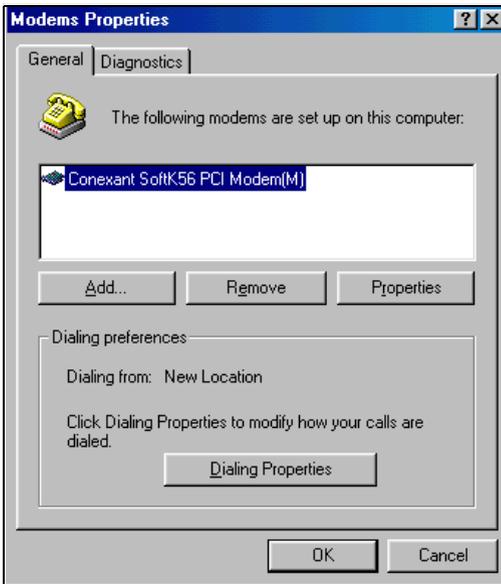
3 Click **Add…** .

Windows will ask whether you want to install a PCMCIA or an "other" type of modem.

4 Select **Other,** then click **Next>**.
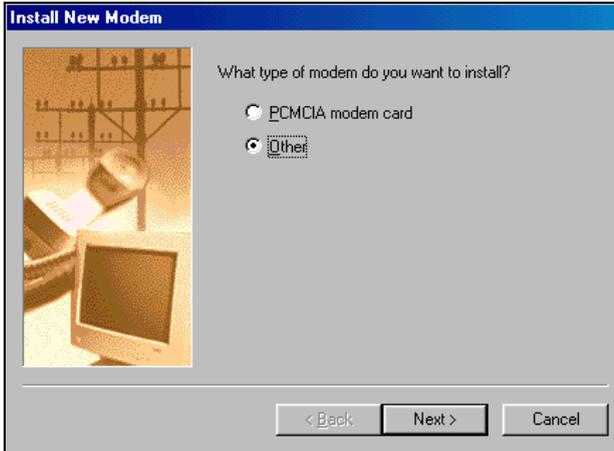
5 Check **Don't detect my modem; I will select from a list**. Click **Next>**.

6 Select **Standard Modem Types** from the **Manufacturers** box and **Standard 19200 bps Modem** from the **Models** box, then click **Next>** to continue.

Install New Modem

Click the manufacturer and model of your modem. If your modem is not listed, or if you have an installation disk, click Have Disk.

Manufacturers:

(Standard Modem Types)
(VoiceView Modem Types)
3Com
3X
Accton Technology Corpor
Accex

Models

Standard 2400 bps Modem
Standard 9600 bps Modem
Standard 14400 bps Modem
Standard 19200 bps Modem
Standard 28800 bps Modem
Standard 33600 bps Modem
Standard 56000 bps K56Flex Modem

Have Disk...

< Back   Next >   Cancel

7 Select the **Targus Wireless Web Card …** and click **Next>** to continue.

8 When Windows confirms that your modem is set up successfully, click **Finish**.

Preparing for Remote Networking

Before configuring your Windows 95/98 notebook for remote networking, contact your corporate network administrator or Internet Service Provider (ISP) with the following questions:

❖ What is my dial-up number?

❖ What are my user name and password?

❖ Do I need any TCP/IP settings?

❖ What type of dial-up server am I connecting to?

❖ Which network protocol will I be using?

Setting Up Remote Networking

This section gives general guidelines for setting up Windows 95/98 but features screen images only from Windows 98. In most cases, Windows 95 will have functionally equivalent screens. Significant differences will be noted.

Before setting up a dial-up connection, you need to have remote access capabilities to either your corporate network or an ISP account.

1 From the Windows desktop, double-click **My Computer**.

2 In the **My Computer** window, double-click **Dial-Up Networking**.

Dial-Up
Networking

3 In the **Welcome to Dial-Up Networking** window, click **Next>**.

NOTE: In Windows 95 and early versions of Windows 98, a Dial-Up Networking window will appear instead. Double-click Make New Connection.

4 In the **Make New Connection** window, type in a name for the connection. We recommend using the name "<Your ISP Name> - Wireless."
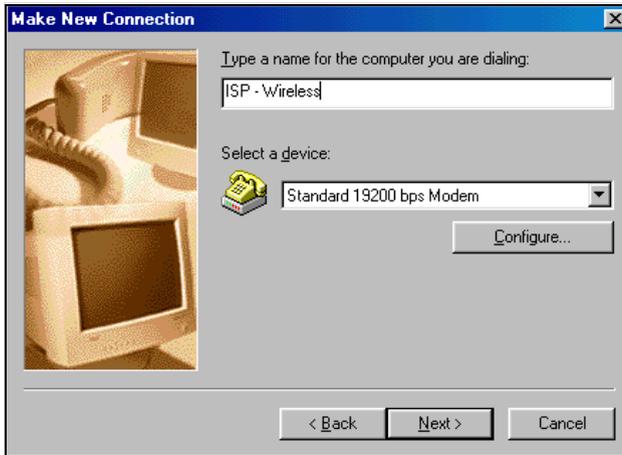
5   Select **Standard 19200 bps Modem** from the modem
     list. Click **Next>**.

*NOTE: If **Standard 19200 bps Modem** does not appear in
the drop-down menu, you still need to install the modem.
Refer to the previous section, "Configuring Windows for
New Hardware," for instructions.*

6 Enter the dial-up number of your office network or ISP. Click **Next>**.

The next window will report that you have successfully created the connection.

7 Click **Finish**.

In most cases, your connection is now ready. But if your network administrator or ISP has specific dialing or configuration instructions, you may need to further modify the connection's properties.

Modifying the connection's properties

1 In the **Dial-Up Networking** window, right-click the icon with the name of the connection you chose, then select **Properties**.

2 From the Properties window, click **Server Types**. Depending on your Windows version, this may appear as a button on the bottom of the window or as a tab on the top of the window.

3 Use this screen to configure your connection as directed by your network administrator or ISP. To modify IP, DNS, and/or WINS addresses, click on **TCP/IP Settings...** .
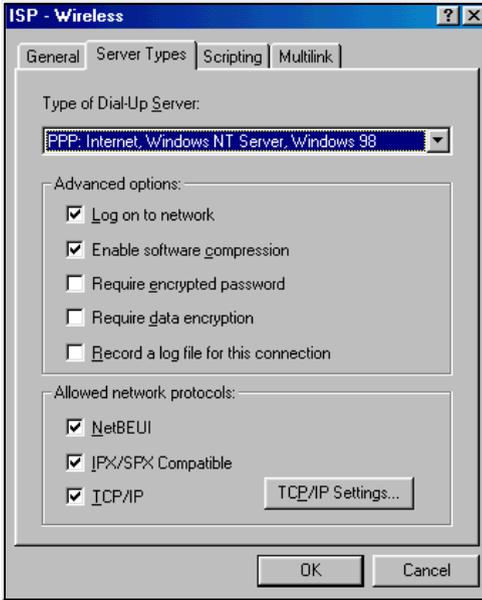
*CAUTION: If you don't have instructions or don't know what to do, click **Cancel**.*

4   In the **TCP/IP Settings** screen, enter the appropriate IP, DNS, and WINS addresses as directed by your network administrator or ISP. Click **OK**.
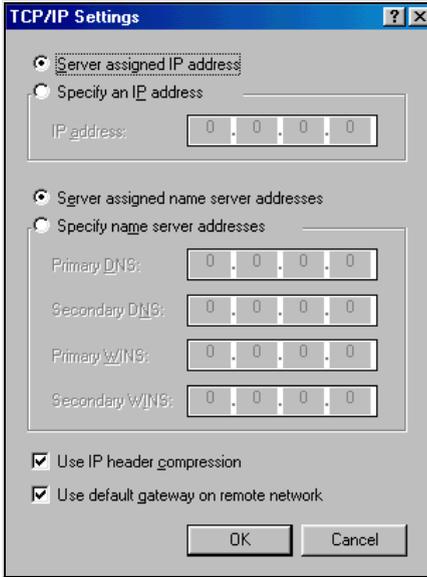
*CAUTION: If you don't have instructions or don't know what to do, click **Cancel**.*

5   When you return to the Properties window, click **OK**.

6   Restart your computer to make sure the changes take effect.

Making a Data Call

After connecting the hardware, installing the software, configuring Windows and setting up remote networking, you are now ready to make a data call.

Preliminary checkpoints

❖ Check that the Wireless Web Card is connected to the phone and inserted in the notebook.

❖ Make sure your phone is turned ON with the antenna extended. For the best reception and transmission, position your phone upright.

❖ Make sure the phone is receiving a digital signal. On some phones a 🄳, indicating that your phone is in digital mode, will appear on the display. Make sure the signal strength is sufficient.

❖ Make sure your phone has enough battery power for your data call.

Placing the call

1 In the **Dial-Up Networking** window, double-click the wireless connection you have set up.

A **Connect To** window appears.

2 Enter your **User Name** and **Password**, verify the phone number and your location, then click **Connect**.

*NOTE: If you select the **Save password** option, the information will be saved only after you click **Connect**.*

3 When the computer starts the call, you should see the call status on both the computer screen and phone display.

::e Connecting to ISP-Wireless	✕
🖥️🖥️ 📠 Status: Dialing...	[Cancel]
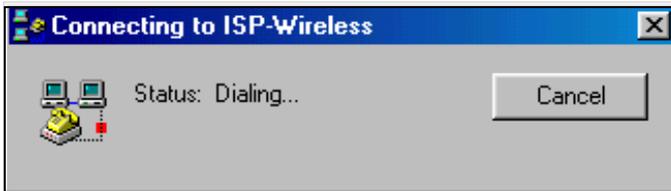
4 Click **Close** when your notebook displays the **Connection Established** screen.

Connection Established ? ✕

You are connected to ISP-Wireless.

To disconnect or to view status information, double-click the dial-up icon in the status area of the taskbar.

🖼️ 🖥️ 12:45 PM

You can also double-click the connection icon in the Dial-Up Networking folder.

🖥️📠

☐ Do not show this dialog box in the future.

[Close] [More Information...]

A **Dial-up icon** appears in the status area of the taskbar. Now you are ready to use your email, fax, web-browsing and file synchronization applications—wirelessly!

Ending a Data Call

1 Double-click the **Dial-up icon** in the status area of the taskbar.

The connection status window appears.
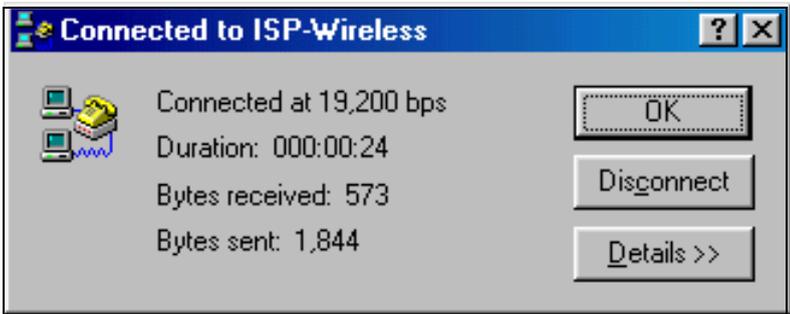
2 Click **Disconnect**.

The **Dial-up icon** will disappear from your taskbar, and your mobile phone will hang up.

Using Applications

The Wireless Web Card works with any application that you use with a regular modem, but some applications need to be previously configured for digital data. Determine if your application needs this by referring to the software's user documentation.

If needed, configure your application with the following modem settings:

❖ Modem type: Standard Hayes Compatible Modem

❖ Transmission speed: 19200 bps or 19.2 Kbps

❖ Flow Control: Hardware or RTS/CTS

❖ Do not wait for dial tone before dialing

For help on faxing, refer to Using the WWC for Faxing on page 93.

Chapter 6 - Windows 2000 Setup

Overview

The Wireless Web Card (WWC) lets you connect your mobile phone to a Windows-based notebook so you can wirelessly connect to your office network or the Internet. This chapter describes how to configure your Windows 2000 notebook so it will recognize the WWC.

CAUTION: You must run the included installation CD to install the WWC drivers. After installing the software and connecting the hardware, you also need to configure Windows to accept the new hardware, and then configure your notebook for remote networking.

Getting Started is Easy

1   Make sure your telephone service carrier has activated data services for your phone.

2   Connect the WWC to your computer and phone.

3   Install the WWC drivers on your notebook.

4   Configure Windows to accept the new hardware.

5   Set up remote networking.

6   Dial and connect.

     Now you are ready to go wireless!

For instructions on connecting the WWC to your computer and phone, refer to Hardware Setup on page 6.

Running the Setup Program

The first time you insert the WWC, the **Add New Hardware Wizard** screen appears.

1   Click **Next>**.

2   Click **Search for the best driver for your device**. Click **Next>**.

3   Insert the installation CD.

4   Check **CD-ROM drive** and click **Next>**.

5   When the driver is found, click **Next>**.

6   Follow the instructions and click **Finish**.

Configuring Windows for the New Hardware

1   From the desktop, click **Start, Settings**, then **Control Panel**.

2   In the **Control Panel**, double-click **Phone and Modem Options**.

The **Phone and Modems Options** window appears.
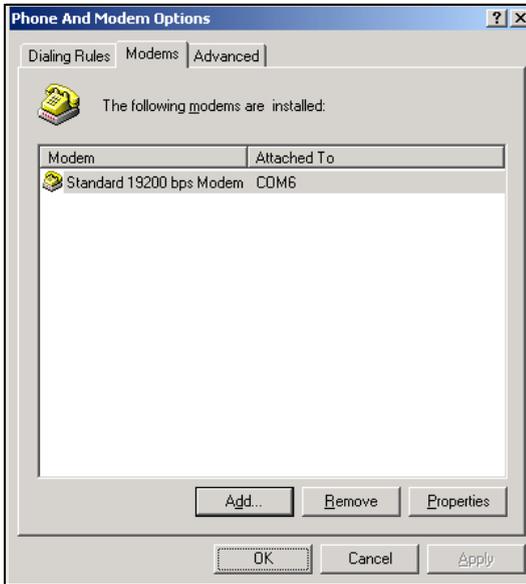
3 Click the **Modems** tab, then click **Add…** .

An **Add/Remove Hardware Wizard** appears.

4 Check **Don't detect my modem; I will select it from a list**. Then click **Next>**.

5 Select **Standard 19200 BPS Modem**, then click **Next>**.
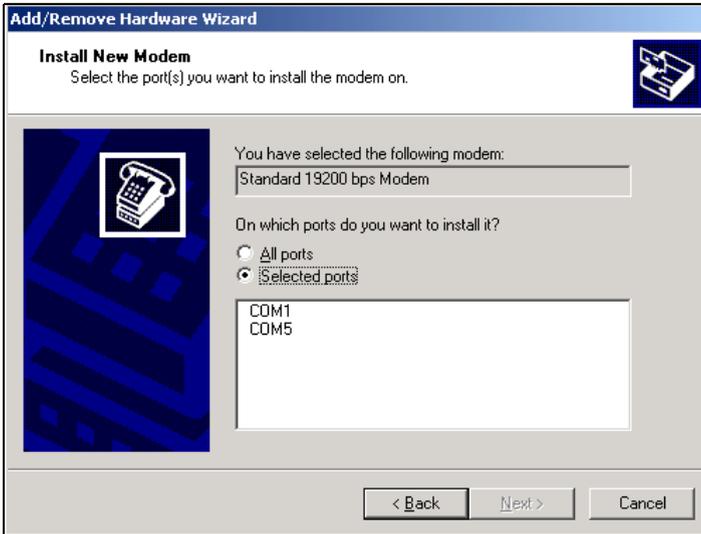
6   To verify the COM port setting, click the **PC Card icon** on the taskbar at the bottom of your screen.
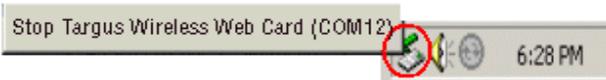
7   The WWC should be listed with its port. Go back and select that port.

8   When Windows reports that modem installation is done, click **Finish**.

Preparing for Remote Networking

Before configuring your Windows 2000 notebook for remote networking, contact your corporate network administrator or Internet Service Provider (ISP) with the following questions:

❖   What is my dial-up number?

❖ What are my user name and password?

❖ Do I need any TCP/IP settings?

❖ What type of dial-up server am I connecting to?

❖ Which network protocol will I be using?

Setting Up Remote Networking

Before setting up a dial-up connection, you must have remote access capabilities to either your corporate network or an ISP account.

1   From the Windows desktop, double-click **My Computer**.

2   In the **My Computer** window, double-click **Control Panel**, then select **Network and Dial-up Connections**.

3   In the **Network and Dial-up Connections** window, double-click **Make New Connection**.

    A **Network Connection Wizard** appears.

4   Click **Next>**.

5   In the next window, specify your network connection type. If necessary, ask your network administrator or Internet Service Provider. Then click **Next>**.
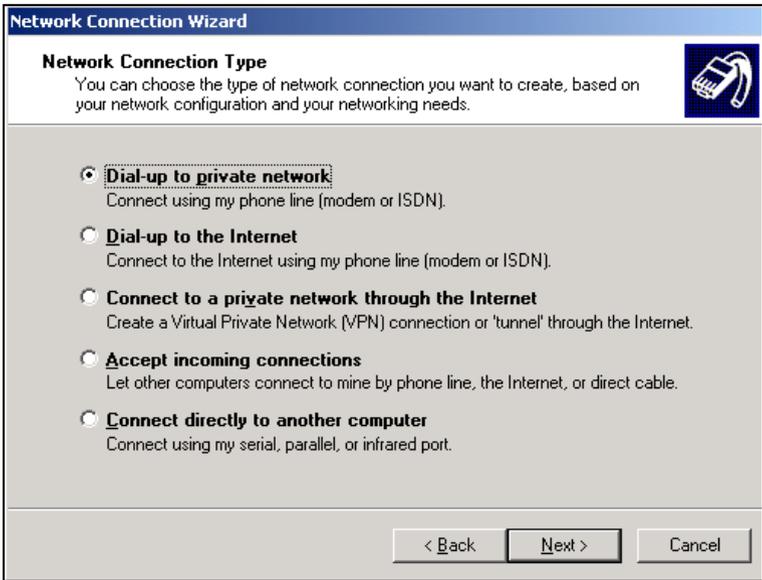
6 In the next window, select the **Standard 19200 bps Modem** in the port where you inserted the WWC. Then click **Next>**.

If multiple Standard 19200 bps modems are listed and you don't know which to choose, click the PC Card icon on the taskbar at the bottom of your screen. The WWC should be listed with its port. Then go back and select the modem in that port.

7 In the **Phone Number to Dial** window, enter the phone number of your office network or ISP. Click **Next>**.

8 In the **Connection Availability** window, choose who can access your new connection. Then click **Next>**.

9 Enter a name for your new connection. We suggest using the name "<Your ISP name>-Wireless." After entering the name, click **Finish**.

In most cases, your connection is now ready. But if your network administrator or ISP has specific dialing or configuration instructions, you may need to make further modifications to the connection's properties.

ISP - Wireless

10 To modify the connection, in the **Network and Dial-up Connections** window, right-click the icon with the name of the connection you chose, then select **Properties.**

11 From the Properties window, click the **Networking** tab. Modify the connection as directed by your network administrator or ISP.

CAUTION: If you don't have instructions or don't know what to do, click **Cancel***.*

Configuring TCP/IP properties

If you need to configure TCP/IP properties:

1 Select **Internet Protocol (TCP/IP)** from the **Components** list, then click **Properties**.
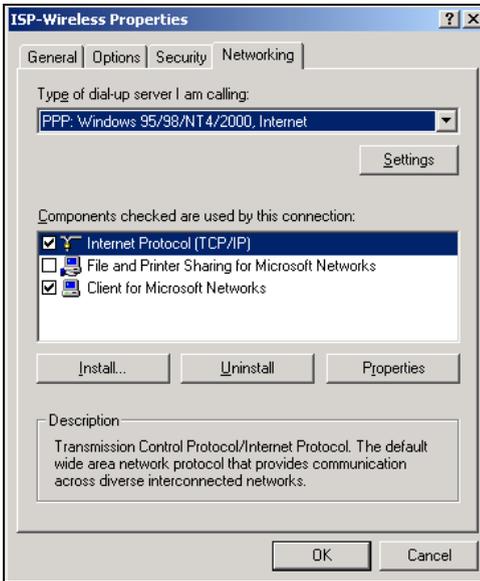
2 In the **Internet Protocol Properties** window, configure your connection as directed by your network administrator or ISP, then click **OK**.

3 After returning to the connection properties window, click **OK**.

4 Restart your computer to make sure the changes take effect.

Making a Data Call

After connecting the hardware, installing the software, configuring Windows and setting up remote networking, you are now ready to make a data call.

Preliminary checkpoints

❖ Check that the Wireless Web Card is connected to the phone and inserted in the notebook.

❖ Make sure your phone is turned ON with the antenna extended. For the best reception and transmission, position your phone upright.

❖ Make sure the phone is receiving a digital signal. On some phones a ▯, indicating that your phone is in digital mode, will appear on the display. Make sure the signal strength is at least two bars.

❖ Make sure your phone has enough battery power for your data call.

Placing the call

ISP - Wireless

1 In the **Network and Dial-up Connections** window, double-click the wireless connection you have set up.

2 In the next window, enter your **User Name** and **Password**. Make sure the correct phone number is displayed, then click **Dial**.
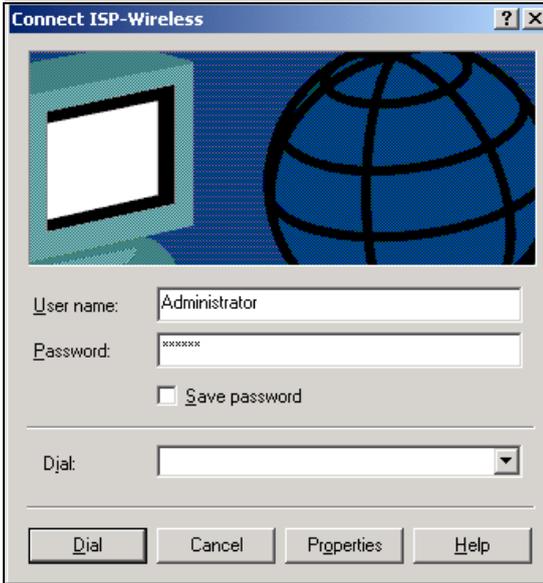
NOTE: If you select **Save password**, *the information will be saved only after you click* **Dial**.

When the computer starts the call, both the computer screen and phone display should report different stages of calling activity.

When connected, your notebook will show the connection status screen. Now you are ready to use your email, fax, web-browsing, and file synchronization applications—wirelessly!

Ending a Data Call

1 Double-click the Connection Status icon in the system tray.

The connection status window appears.

2 Click **Disconnect**.

The Connection Status icon will disappear from the system tray, and your mobile phone will hang up.

Using Applications

The Wireless Web Card works with any application that you use with a regular modem, but some applications need to be previously configured for digital data. Determine if your application needs this by referring to the software's user documentation.

If needed, configure your application with the following modem settings:

❖ Modem type: Standard Hayes Compatible Modem

❖ Transmission speed: 19200 bps or 19.2 Kbps

❖ Flow Control: Hardware or RTS/CTS

❖ Do not wait for dial tone before dialing.

For help on faxing, please refer to Using the WWC for Faxing on page 93.

Chapter 7 - Windows NT Setup

Overview

The Wireless Web Card (WWC) lets you connect your mobile phone to a Windows-based notebook so you can wirelessly connect to your office network or the Internet. This chapter describes how to configure your Windows NT Workstation 4.0 notebook so it will recognize the WWC.

CAUTION: You do NOT need to run the included Targus Wireless Web Card Installation CD *for Windows NT. After connecting the hardware, you must configure Windows to accept the new hardware, and you must configure your notebook for remote networking.*
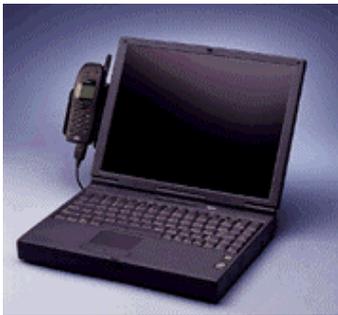
Getting Started is Easy

1   Make sure your telephone service carrier has activated
    data services for your phone.

2   Connect the WWC to your computer and phone, then
    turn the computer on.

3   Configure Windows to accept the new hardware.

4   Set up remote networking.

5   Dial and connect.

    Now you are ready to go wireless!

You must insert the WWC before you boot. If you insert the
WWC while Windows NT is running, you must reboot.

> *NOTE: Some computer models require a card manager to
> recognize the Wireless Web Card. Current versions of
> Phoenix Card Executive and System Soft CardWizard
> support the WWC and also provide hot-swapping
> capabilities.*

For instructions on connecting the WWC to your computer
and phone, refer to Hardware Setup on page 6.

Configuring Windows for the New Hardware

   1   Select **My Computer** icon.

   2   Double-click **Control Panel**.

   3   Double-click **Modems**.

   The **Modems Properties** window appears.
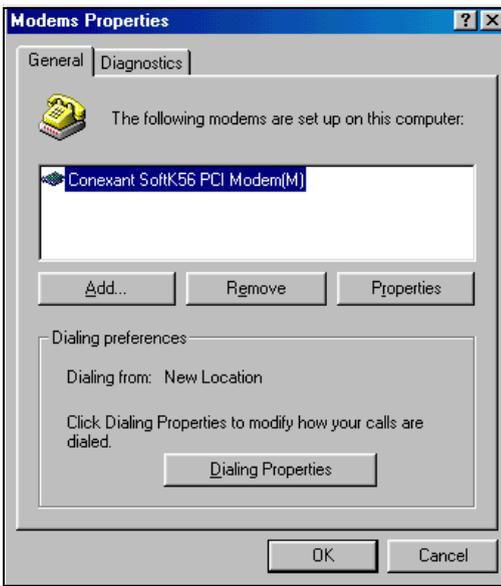
   4   Click **Add…** .

   5   Check **Don't detect my modem; I will select from a list**. Click **Next>**.

6 Select **Standard Modem Types** from the **Manufacturers** box and **Standard 19200 bps Modem** from the **Models** box.

Install New Modem

Click the manufacturer and model of your modem. If your modem is not listed, or if you have an installation disk, click Have Disk.

Manufacturers:

(Standard Modem Types)
(VoiceView Modem Types)
3Com
3X
Accton Technology Corpor
Accev

Models

Standard 2400 bps Modem
Standard 9600 bps Modem
Standard 14400 bps Modem
Standard 19200 bps Modem
Standard 28800 bps Modem
Standard 33600 bps Modem
Standard 56000 bps K56Flex Modem

Have Disk...

< Back   Next >   Cancel

---
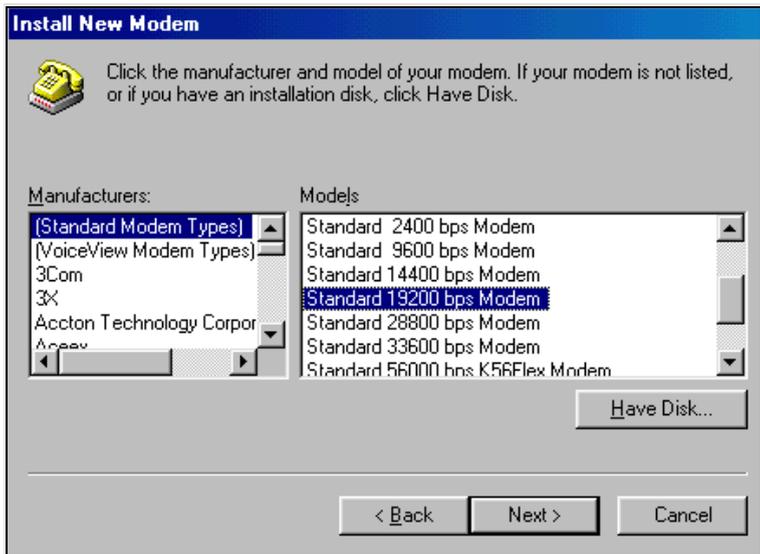
7 Click **Next>** to continue.

The next window will ask where you want to install the modem.

8 Choose the COM port where you have inserted the WWC, then click **Next>**.

To identify which port the WWC is in, go to **Start**, **Settings**, **Control Panel**. Double-click **PC Card**. In the next window, select the WWC card, then click **Properties**.

The **Device Map** will identify which COM port the WWC is occupying.

9 When Windows confirms that your modem setup was successful, click **Finish**.

Preparing for Remote Networking

Before configuring your Windows NT notebook for remote networking, contact your office network administrator or Internet Service Provider (ISP) with the following questions:

❖ What is my dial-up number?

❖ What are my user name and password?

❖ Do I need any TCP/IP settings?

❖ What type of dial-up server am I connecting to?

❖ Which network protocol will I be using?

Setting Up Remote Networking

Before setting up a dial-up connection, you need to have remote access capabilities to either your corporate network or an ISP account.

1 From the Windows desktop, double-click **My Computer**, then double-click **Dial-Up Networking**.

A **Location Information** window appears.

2   Enter your country and area code. If applicable, enter a dialing prefix for accessing outside lines, such as a "9," then click **Close.**

3   If this is your first time dial-up networking on your computer, and you have no entries in your phonebook, a message appears warning that the phonebook is empty. Click **OK**.

A **New Phonebook Entry Wizard** appears.

If you have used dial-up networking before on your computer, and your phonebook already has information about your office network or ISP, then proceed to

Using the Phonebook Entry Wizard

In the following steps, you will need to enter information about the dial-up server for your office network or ISP.

1   Enter a name for the phonebook entry, such as "MyDialUpServer." Then click **Next>**.

2   In the Server window, check all boxes that apply, as instructed by your office network administrator or ISP, and click **Next**>.

3   Enter the phone number of your office network or ISP. Then click **Next>**.

Depending on what you selected in the Server window, you may now see a succession of windows where you can modify your connection's properties, such as IP addresses.

4   Follow the configuration instructions from your network administrator or ISP.

---

*CAUTION: If you don't know what to do, click **Cancel**.*

---

5   When the window reports that the phone entry is done, click **Finish**.

Making a Data Call

After connecting the hardware, installing the software, configuring Windows and setting up remote networking, you are now ready to make a data call.

Preliminary checkpoints

1   Check that the Wireless Web Card is connected to the phone and inserted in the notebook.

2   Make sure your phone is turned on with the antenna extended. For the best reception and transmission, position your phone upright.

3   Make sure the phone is receiving a digital signal. On some phones a , indicating that your phone is in digital mode, will appear on the display. Make sure the signal strength is sufficient.

4   Make sure your phone has enough battery power for your data call.

Placing the call

1   In **My Computer**, double-click **Dial-Up Networking**.

2 In the **Dial-Up Networking** window, choose and verify your dial-up number and location, then double-click **Dial**.
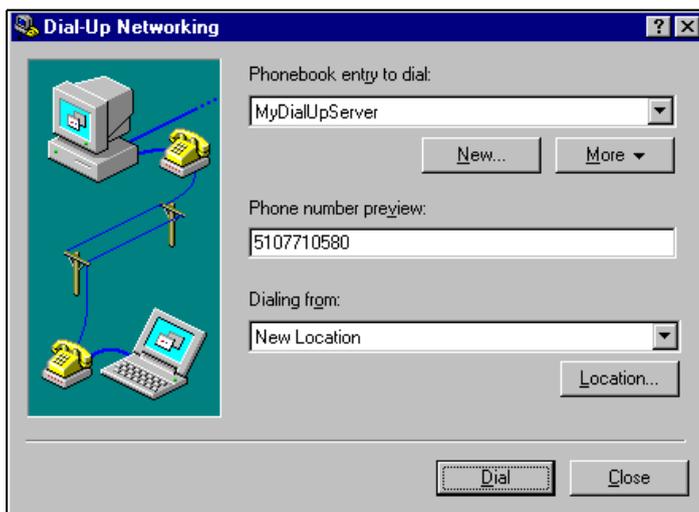
3 In the next window, enter your **User Name, Password**, and **Domain**. Click **OK**.
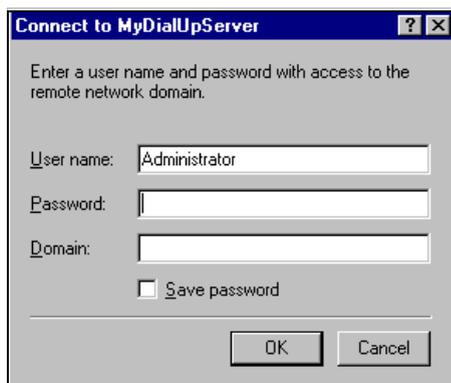
When the computer starts the call, you should see the call status on both the computer screen and phone display.

4 When connected, the **Connection Complete** screen appears. Click **OK**.

Now you are ready to use your email, fax, web-browsing and file synchronization applications — wirelessly!

Ending a Data Call

1 Double-click the Connection Status icon in the system tray to access **Dial-Up Networking Monitor**.

2 Click **Hang up**.

The Connection Status icon disappears from the system tray, and your mobile phone will hang up.
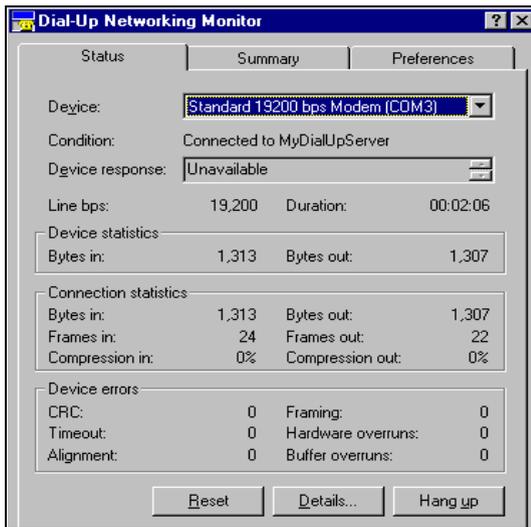
Using Applications

The Wireless Web Card works with any application that you use with a regular modem, but some applications need to be previously configured for digital data. Determine if your application needs this by referring to the software's user documentation.

If needed, configure your application with the following modem settings:

❖ Modem type: Standard Hayes Compatible Modem

❖ Transmission speed: 19200 bps or 19.2 Kbps

❖ Flow Control: Hardware or RTS/CTS

❖ Do not wait for dial tone before dialing

For help on faxing, please refer to Using the WWC for Faxing on page 93.

Chapter 8 - Apple PowerBook Setup

Overview

The Wireless Web Card (WWC) lets you connect your mobile phone to an Apple PowerBook so you can wirelessly access your office network or the Internet. This chapter describes how to configure your PowerBook so it will recognize the WWC.

CAUTION: You must run the Targus Wireless Web Card Installation CD, *included in the kit, to install the WWC drivers. After connecting the hardware and installing the software, you must also configure the **Modem Control Panel**, **TCP/IP Control Panel**, and set up remote access.*

Getting Started is Easy

1 Make sure your telephone service carrier has activated data services for your phone.

2 Connect the WWC to your PowerBook and mobile phone.

3 Install the WWC drivers on your PowerBook.

4 Configure the Modem Control Panel and TCP/ICP Control Panel.

5 Configure Remote Access.

6 Make a connection.

Connecting the Hardware

1 Turn on your PowerBook.

2 Plug the WWC into the PC Card adapter, then plug the combined unit into your PowerBook.

3   Wait for a card icon to appear on the desktop, then connect the free end of the data cable to your phone.

If you need further help on connecting the hardware, refer to Hardware Setup on page 6.

Running the SETUP Program

After connecting the hardware, insert the *Targus Wireless Web Card Installation CD into* the CD-ROM drive. Double-click the **Wireless Web Card Installer** icon. You will not need to restart the computer after running the installer.

Preparing for PowerBook Configurations

Before configuring your PowerBook, contact your office network administrator or Internet Service Provider (ISP) with the following questions:

❖   What is my dial-up number?

❖   What are my user name and password?

❖   Do I need any TCP/IP settings?

❖   What is my IP address?

❖   What is the IP address of the Domain Name Server?

❖   What type of dial-up server am I connecting to?

❖   Which network protocol will I be using?

For more information on configuring your PowerBook, refer to your PowerBook user manual or visit Apple's support Web site at: www.apple.com/support/.

Configuring the Modem Control Panel

1   From the Desktop, select **Apple Menu**, **Control Panels**, **Modem**.

2   From the **Connect via** pull-down menu, select **CF+ DPC Generic Card**.

3   Select **CDMA Handset** from the **Modem** pull-down menu.
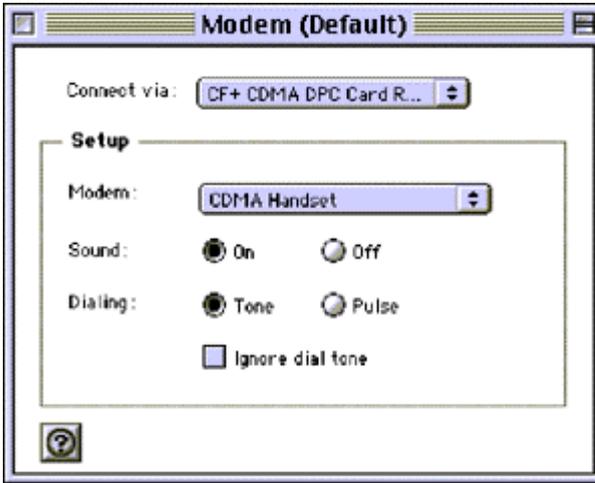
4   Close the **Modem Control Panel**.

5   Click **Save** when prompted.

Configuring the TCP/IP Control Panel

1   From the Desktop, select **Apple Menu, Control Panels**, **TCP/IP**.

2   Select **PPP** from the **Connect via:** pull-down menu.

3   Choose a configuration method from the **Configure:** pull-down menu.

NOTE: If your Internet Service Provider (ISP) or system administrator assigned you an IP Address (called a Static IP Address), select **Manually** *from the* **Configure** *pull-down menu and enter the address in the IP Address field.*
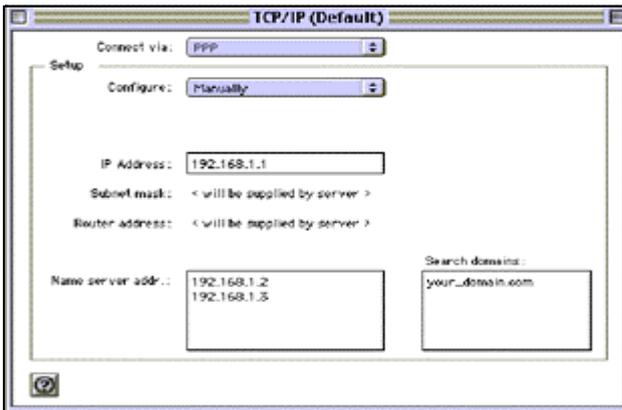
4   If you have not been assigned an IP address, select **Using PPP Server** from the **Configure** pull-down menu.
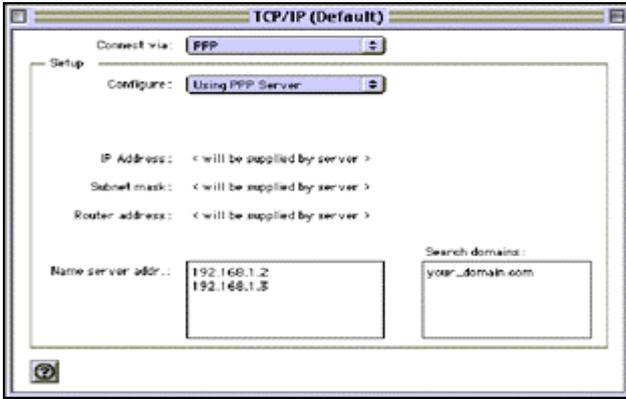
5   In the **Name server address** field, enter the IP
     Addresses of the Domain Name Servers.

6   In the **Search domains** field, enter the domain name.

*NOTE: If your email address is name@your_domain.com on
the network you will be connecting to, the **Search domain**
will be your_domain.com.*

7   Close the **TCP/IP Control Panel** by clicking the **Close Box** in
     the upper-left corner.

8   Choose **Save** when prompted.

Configuring Remote Access

1 From the Desktop, select **Apple Menu**, **Control Panels**, **Remote Access**.

2 Select **Registered User** and enter your user **Name**, **Password** and phone **Number** supplied by your company's system administrator or Internet Service Provider (ISP). Then click **Options.**

3 In the **Options** dialog box, click the **Protocol** tab.
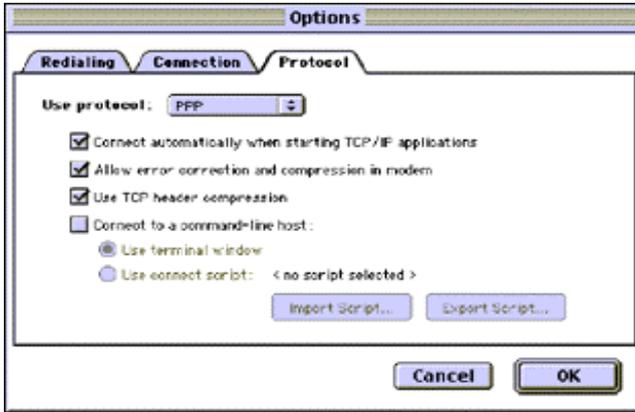
4 Check **Connect automatically when starting TCP/IP applications**, then click **OK**.

5 Close the **Remote Access** control panel by clicking the **Close Box** in the upper-left corner.

6 Choose **Save** when prompted.

Making A Data Call

After connecting the hardware, installing the software and configuring your PowerBook, you are now ready to make a data call.

Preliminary checkpoints

1   Make sure the cable and connectors are fastened securely to your phone and the WWC is inserted into your PowerBook.

2   Make sure your phone is turned on with the antenna extended. For the best results, position your phone upright.

3   Make sure the phone is receiving a digital signal. On some phones a ▣, indicating that your phone is in digital mode, will appear on the display. Make sure the signal strength is sufficient.

4   Make sure your phone has enough battery power for the data call.

Placing the call

1   From the Desktop, select **Apple Menu, Control Panels**, **Remote Access**.

2   Click **Connect**.

When successful, your phone display should show that the call has connected. Now you are ready to use your email, fax, web-browsing and file synchronization applications— wirelessly!

Ending a Data Call

1   From the Desktop, select **Apple Menu, Control Panels**, **Remote Access**.

2   Click **Disconnect**.

Your mobile phone will hang up.

Using Applications

The Wireless Web Card works with any application that you use with a regular modem, but some applications need to be previously configured for digital data. Determine if your application needs this by referring to the software's user documentation.

If needed, configure your application with the following modem settings:

❖ Modem type: Standard Hayes Compatible Modem

❖ Transmission speed: 19200 bps or 19.2 Kbps

❖ Do not wait for dial tone before dialing

For help on faxing, please refer to Using the WWC for Faxing on page 93.

Appendix A - Specifications

Physical Characteristics

CF I/O Card Size: 1.43 x 1.69 x 0.13 in (36.4 x 42.8 x 3.3 mm)

Interconnect Cable Length: 22 in (559 mm)

Power Consumption

Inactive: 0 mA (0 mW)

Active (typical): 3 mA (10 mW)

Interface Standards

CompactFlash Interface: CompactFlash I/O card slot, Type I

With CompactFlash-to-PC Card Adapter: PCMCIA, Type II

Serial Communications: TTL

Operating System Support

Windows CE, v. 2.11 or greater
Windows 95/98/2000/NT 4.0
MacOS 8.5.1 or greater

Mobile Handsets Supported

Handset support is determined by the specific cable
included in the Wireless Web Card Connection Kit package.
Kits are available for various Motorola, Qualcomm,
Samsung, Siemens, Sprint and Touchpoint digital handsets.
Support for other handsets and manufacturers is pending.

For a current compatibility list, visit:

www.targus.com/wirelessweb

Software Compatibility

Windows COM port

MacOS

Hardware Compatibility

Standard Card (without PC Card adapter)

Windows CE-based Palm-size and Pocket PCs including
devices from Casio, Compaq, and Hewlett Packard.
Windows CE-based Handheld PC Pro devices and pen
tablets with CompactFlash I/O card slot.

With CompactFlash-to-PC Card adapter

Windows CE-based Handheld PCs and pen tablets,
Windows 95/98/2000/NT 4.0 notebooks. Apple

PowerBooks with MacOS 8.5.1 or greater and Open Transport 2.0.3 or greater.

Software Included

Targus Wireless Web Card Installation CD

Compatible Applications

Windows Remote Dial-up, ActiveSync, Pocket Outlook, FTP, Telnet, AvantGO, Citrix, pcANYWHERE, BSquare applications, streaming video, etc.

Warranty

CompactFlash Card and Non-removable Cable: Lifetime

CompactFlash-to-PC Card Adapter: Three years

Certification

FCC: Part 15, Class B,

CE: EN55022

C-TICK N2953

Appendix B - Hints and Tips

Optimizing Signals and Connections

For the best results for each data call, review the following checkpoints before connecting:

1 Make sure the cable and connectors are fastened securely to your mobile computer and your phone.

2 Make sure the phone is receiving a digital signal. A ▣ or equivalent will appear on the display of some phones.

3 Make sure the signal strength is sufficient. To optimize the signal, extend the antenna, position the phone upright and, if necessary, move to a different location.

4 Make sure your phone has enough battery power for your data call.

Choosing the Right Applications

Not all applications are ideal for wireless networking. For example, downloading a large file wirelessly takes longer than it does over a landline phone line with a regular modem. Experiment with your applications to determine which ones work best for you wirelessly.

Using Multiple Modems

Pocket PCs and other Windows CE-based computers can support multiple modems, but you must create a separate dial-up connection for each modem that you use. When making a data call, you must select the dial-up connection for the specific modem in use.

To create multiple dial-up networking connections, follow the steps outlined in the "Setting Up Remote Networking" section for your device, but include the following modifications:

1   In the Make New Connection screen, when naming connections, select names that clearly distinguish the modem in use. For example, you might choose "Internet Service Provider-Wireless" and "Internet Service Provider-Landline."

2   In the Select a modem: box, choose Targus WWC Connection for a wireless connection. Choose your existing modem for a landline connection.

For other applications, such as faxing, refer to your fax program's user documentation on using multiple modems or changing between modems.

Using the WWC for Faxing

Follow these guidelines to set up your computer to send and receive faxes wirelessly with the WWC.

Setting up your fax software for the WWC

Because fax software programs vary, the procedure for setting up computers to fax with the WWC also varies.

You may need to configure the software with the following settings:

❖ Fax class: 2.0

❖ Initialize at: 19,200 bps

❖ Maximum transmission speed: As fast as possible

❖ Minimum transmission speed: 14,400 bps (CDMA phone) or 9,600 bps (GSM phone)

❖ Use hardware flow control or RTS/CTS

Preliminary checkpoints for sending or receiving faxes:

1 Connect the WWC to your mobile phone and computer. Make sure the cable and connectors are fastened securely.

2 Make sure that your mobile phone is turned ON with the antenna extended. For best results, position the phone upright.

3   Make sure the phone is receiving a digital signal. Some phones will show a **▯** on the display, indicating that your phone is in digital mode. Make sure the signal strength is at least two bars.

4   Make sure your phone has enough battery power for the data call.

Sending a fax

1   Start the fax call from your fax software. When the notebook begins calling, the call status should appear on both the computer screen and phone display.

2   After the phone connects, your fax software will automatically start sending the fax.

3   After sending the fax, your fax software will automatically disconnect.

Receiving a fax

1   Set your phone to receive incoming fax calls only. This can be done using the menus on the phone.

    For example, for the Qualcomm QCP-2760 or QCP-2760F phone, go to **Features, Network, Data/Fax In**. From the **Data/Fax In** menu, select **fax call.** The next call you receive will be treated as a fax call. Afterwards, the phone will return to its normal operating mode.

If you select **fax only** instead of **fax call**, your phone will remain in fax mode. To receive voice calls again, power off your phone or turn off **fax calls only.**

2   Set your fax software to automatically answer all incoming calls. For instructions, refer to your software's user manual.

3 Call the sender, requesting the fax now. If you call the sender from your mobile phone, you need to hang up to receive the fax call.

4 When the incoming call arrives, the phone will ring, and a message will appear on the display indicating the call. Your fax software will automatically answer the incoming fax call.

5 After you receive the fax, the fax software will automatically disconnect.

Appendix C - Troubleshooting

SYMPTOM

❖ My computer does not recognize my phone.

❖ My computer does not respond to AT commands.

❖ I cannot place a call.

Possible Reasons	Solution
Your phone is not turned on.	Power ON your phone.
Your phone is not communicating properly with your computer.	Power your phone OFF, then ON again.
The cable between your phone and the WWC is not connected correctly.	Make sure you are using the correct data cable and all connectors are securely fastened.

Possible Reasons	*Solution*
Other software is using the COM port.	Deactivate any other software that is using the COM port. *Hint: Check ActiveSync settings*
You have multiple modems set up on your computer, and your software is configured for the modem other than the mobile phone.	Configure your communications software for a WWC connection. Select your mobile phone as the modem.
Your fax software is set to *Auto Answer* and is using the COM port.	Disable the *Auto Answer* feature on your fax software.
The COM port is disabled	Consult your computer's user guide for help managing COM ports.
Your data cable or PC Card adapter are damaged.	Check the pins (metal contacts) on either end of the cable and/or adapter. If any appear bent or unaligned, you may need them replaced.
There is a conflict with COM ports and IRQs.	Consult your computer's user guide for help managing COM ports.
Your computer is waiting for the dial tone.	Make sure that the **Wait for dial tone** box is unchecked. Refer to the chapter for your computer type to modify your connection's settings.

SYMPTOM

> ❖ My call fails immediately OR
>
> ❖ I get a CALL FAILED message on my mobile phone.

Possible Reasons	*Solution*
The phone battery has died.	Charge or replace the battery.
Temporary network problems.	Try the call again. CALL FAILED usually disappears after a second try. If you still get CALL FAILED, power your phone OFF, then ON again. If this doesn't resolve the problem, your mobile wireless service may be down.
Your service provider won't accept low bandwidth connections.	Contact your service provider.

SYMPTOM

> ❖ I get disconnected in mid-session.

Possible Reasons	*Solution*
The mobile signal has faded, or you have traveled outside the mobile coverage area.	Raise the phone antenna. On your phone display, there should be an icon to indicate digital coverage. If you have left the coverage area, return to it and call again.
Your phone battery has run out of power.	Replace or recharge the battery.

Possible Reasons	Solution
The data cable between your mobile phone and your computer is loose or has become disconnected.	Make sure the data cable is securely fastened.
The other modem (your corporate network or Internet Service Provider) has hung up.	Your corporate network or Internet Service Provide may terminate your call for many reasons. Place the call again. If the problem persists, contact your corporate network support or Internet Service Provider.
Your call was dropped.	Try the call again.
You were automatically disconnected due to inactivity.	Some software will terminate a call after a period of inactivity. Check your software for controls on automatic disconnect.

SYMPTOM

- ❖ I get a NETWORK NOT RESPONDING message on my mobile phone.

Possible Reasons	***Solution***
Your need to update your mobile account.	Call your mobile service provider.

SYMPTOM

- ❖ My computer dials but cannot connect.

Possible Reasons	***Solution***
You have multiple modems set up on your computer, and the software is configured for a modem other than the mobile phone.	Configure your communications software for a WWC connection. Select your mobile phone as the modem.
You are dialing the wrong number.	Check the number, including the area code. Contact your Internet Service Provider or corporate network support to verify the number.
The number you are dialing is long distance.	Check the area code of the number you are dialing. You may need to add a 1 before the number for long distance calls.
You are using a dialing prefix—such as a 9—before the phone number.	Remove any dialing prefixes from the phone number.

Possible Reasons	Solution
The modem you are calling is out of service.	Contact your Internet Service Provider or corporate network support to verify the status of their server and modems.
Your phone signal is weak.	Raise the phone antenna. On your phone display, there should be an icon to indicate digital coverage. If you are outside the coverage area, change locations and call again.
Your user name and/or password is incorrect.	Check that you have entered the proper user name and password.
You have entered the wrong domain name.	Check that you have entered the proper domain name.

SYMPTOM

❖ I get a DISCONNECTED SIGNAL FADED message on my mobile phone.

Possible Reasons	Solution
You left the mobile coverage area during the call.	Change locations and call again.

SYMPTOM

❖ My mobile phone shows that the call has connected but my communications software does not.

Possible Reasons	*Solution*
The call took so long to establish that the communications software gave up (timed out).	Increase the time-out interval on your communications software and try the call again.

SYMPTOM

❖ My communications software shows that the call has connected, but my mobile phone does not.

Possible Reasons	*Solution*
Your call was dropped, but your communications software is still waiting before it gives up on the call.	Cancel the call from you communications software and try again.

SYMPTOM

❖ I cannot receive voice calls.

Possible Reasons	*Solution*
You have set up your mobile phone to receive data or fax calls only.	Follow the instructions that came with your phone to configure for voice calls instead of fax or data calls. You can usually access this feature from the phone's menu.
You are engaged in a data call.	During data calls, you cannot receive voice calls. Hang up and, if necessary, switch your phone back to voice mode.

SYMPTOM

❖ I cannot receive fax calls OR

❖ I cannot receive data calls.

Possible Reasons	*Solution*
The phone is not set up to receive fax/data calls.	Follow the instructions that came with your phone to set up the phone to receive fax/data calls. You can usually access this feature from the phone's menu.
Your fax/communications software is not answering in time.	Set your fax/communications software to answer after fewer rings, preferably 0. Consult the software's user manual for instructions.

SYMPTOM

❖ The data is transmitting slowly.

Possible Reasons	Solution
CDMA networks have a maximum connection speed of 14,400 bps. GSM networks have a maximum connection speed of 9,600 bps.	Visit Targus' Web site at www.targus.com/support for suggestions on how to use your system more efficiently.
Dial-in or web servers have heavy traffic.	Connect at a different time, when your corporate network or Internet Service Provider is less busy.

SYMPTOM

❖ I cannot access my email OR

❖ I cannot use my web browser.

Possible Reasons	Solution
You are not connected to your corporate network or Internet Service Provider.	Connect again.
Your dial-up networking settings are incorrect.	Check that your dial-up networking settings match those provided by your corporate network support or Internet Service Provider.
Your user name(s) and/or password(s) are incorrect.	Check that you have entered the proper user name and password for your various services, including email accounts, NT servers, and proxy servers.

Appendix D - Need More Help?

How to Contact Targus

If you cannot resolve a technical problem with the Wireless Web Card, contact Targus's technical support department prepared with the following information:

- ❖ The serial number of your WWC
- ❖ The name and version of your operating system
- ❖ The manufacturer and model number of your mobile computer
- ❖ The manufacturer, model number and carrier of your mobile phone
- ❖ If you use the WWC with a Pocket PC or other Windows CE-based computer, the version of Windows on your host PC
- ❖ What you did to try to correct the problem
- ❖ What you do to consistently replicate the problem

To reach Targus's technical support department:

❖ Visit Targus' Web site at www.targus.com/support.

❖ Email questions to techsupport@targus.com.

❖ Phone Targus' technical support department at **(800) 283-6325**.

Limited Warranty

Targus warrants this product against defects in material and workmanship, under normal use and service, for the following periods from the date of purchase:

❖ CompactFlash I/O card and cable: Lifetime (Three years if not registered)

❖ CompactFlash-to-PC Card adapter: Three years

Incompatibility is not a defect covered by Targus' warranty. During the warranty period, Targus will, at its option, repair or replace the defective product at no charge when furnished with proof of retail purchase, provided that you deliver the product to Targus.

The returned product must be accompanied by a return material authorization (RMA) number issued by Targus. If you ship the product, you must use the original container or equivalent, and you must pay the shipping charges to Targus. Targus will pay shipping charges back to any location in the contiguous United States. This warranty applies only to the original retail purchaser and is not transferable.

Targus may, at its option, replace or repair the product with new or reconditioned parts, or refund to Customer the purchase price paid for the defective product, and the returned product becomes Targus' property. Targus warrants the repaired or replaced products to be free from defects in material or workmanship for ninety (90) days after the return shipping date, or for the duration of the original warranty period, whichever is greater.

This warranty does not cover the replacement of products damaged by abuse, accident, misuse or misapplication, nor as a result of service or modification other than by Targus.

TARGUS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM BREACH OF ANY

EXPRESS OR IMPLIED WARRANTY, INCLUDING DAMAGE TO PROPERTY AND, TO THE EXTENT PERMITTED BY LAW, DAMAGES FOR PERSONAL INJURY. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Some states do not allow limitation of implied warranties, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This product may contain fully tested, recycled parts, warranted as if new.

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Wireless Web Card is a trademark of Targus Group International.

All other trademarks, registered trademarks, brand and product names are property of their respective owners.

Regulatory Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. This equipment is also CE EN55022 and C-TICK compliant. These limits are 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. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his or her own expense.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on,

the user may try to correct the interference by one or more of the following measures:

❖ Reorient or relocate the receiving antenna of the radio or television.

❖ Increase the distance separating the equipment and the receiver.

❖ Connect the equipment to an outlet on a different branch circuit than that of the receiver.

❖ Consult the dealer or an experienced radio/TV technician or help.

The user may find the following booklet helpful:

How to Identify and Resolve Radio-TV Interference Problems

This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402.