
8 HP Photosmart Mobile

HP Photosmart Mobile

You can use HP Photosmart Mobile to:

- View pictures stored on your HP iPAQ or a storage card.
- Add voice or text notes to pictures.
- Print pictures.
- View a slideshow.
- Send pictures via MMS, e-mail attachments, or Bluetooth.
- Associate a picture with a contact.
- Assign a picture to the **Today** screen background.
- Upload an image via e-mail to snapfish.

Attach a voice note to a picture

To attach a voice note to a picture:

1. Tap **Start > Programs > Photosmart Mobile**.
2. Tap the thumbnail to which you want to add a voice note.
3. Tap the  (Cassette) button.
4. Tap the  (Record) button on the recording toolbar.
5. Speak into the microphone to record the voice note and tap the  (Stop) button when finished.
6. Tap the  (Cassette) button again to close the recording toolbar.

E-mail pictures

1. Tap **Start > Programs > Photosmart Mobile**.
2. Tap the thumbnail to be sent via e-mail.

 **NOTE:** If the media file is protected by Digital Rights Management (DRM), you would not be able to view or hear it. DRM is a software that enables secure distribution and prevents illegal distribution of pictures, videos, music, movies, and ring tones over the Internet. For more information on DRM, refer to the on-screen Help by tapping **Start > Help** and search for DRM.

3. Tap **Menu > Send... > E-mail Attachment**.
4. Select the **Reduce sent photo size to** check box, and then select the reduction in resolution.
5. Tap **Next**.

6. Enter the appropriate e-mail address or use **Contacts** by tapping **Menu > Add Recipient**.
7. Enter other appropriate information, such as an e-mail title and message.
8. Tap **Send**.

Snapfish

Snapfish feature enables you to upload images from your HP iPAQ to your **Snapfish** account via your e-mail account.

1. Tap **Start > Programs > Photosmart Mobile**.
2. Tap the thumbnail to be sent via **Snapfish**.
3. Tap **Menu > Send... > Snapfish**.
4. Select the **Reduce sent photo size to** check box, and then select the required reduction in resolution.
5. Tap **Next**.
6. Select the appropriate e-mail account in the **Select e-mail account** list and tap **Send**.

 **NOTE:** To get more information about **Snapfish** feature, tap **Help**.

 **NOTE:** If the e-mail account used to send the photo to **Snapfish** is not registered, you will receive an e-mail with a link to a Web page that allows you to register an account.

View a slideshow

To view a slideshow:

1. Tap **Start > Programs > Photosmart Mobile**.
2. Tap the  (Slideshow) button at the bottom of the screen.
3. Tap the screen to view the  (Forward),  (Backward),  (Stop), and  (Pause) buttons.

9 Notes

Write a note

1. Tap **Start > Programs > Notes**.



NOTE: Writing must be selected as the default input mode.

2. Tap **New**.
3. Write your text on the screen.
4. When finished, tap **ok** to return to the note list.

To select handwritten text, tap and hold next to the writing. As soon as dots appear and before they form a complete circle, quickly drag across the writing.

If a letter crosses three ruled lines, it is treated as a drawing rather than text.

Create a copy of a note

To create a copy of a note:

1. Tap **Start > Programs > Notes**.
2. Tap the note you want to copy.
3. Select the text on the screen, tap **Menu > Copy**.
4. Open the required note from the note list or a new note to which the selected content is to be copied.
5. Tap **Menu > Paste**.

If you paste the contents in a new note, a copy of the note displays in the note list.

Create a voice note

To create a stand-alone recording (voice note) or add a recording to a note:

1. Tap **Start > Programs > Notes**.
2. Do one of the following:
 - To create a stand-alone recording, record from the note list.
 - To add a recording to a note, create or open a note.



NOTE: If the recording toolbar does not appear, tap **Menu > View Recording Toolbar**.

3. Tap **Record**.
4. Speak into the microphone located at the bottom of the unit.
5. When finished recording the note, tap **Stop** on the recording toolbar.
6. When finished, tap **ok** to return to the note list.

 **NOTE:** If recording in an open note, an icon appears in the note. If creating a stand-alone recording, an icon appears in the note list.

Also, you can create a voice note in **HP Photosmart Mobile** and attach the note to a picture.

10 Storage cards

Use storage cards

Use optional storage cards for:

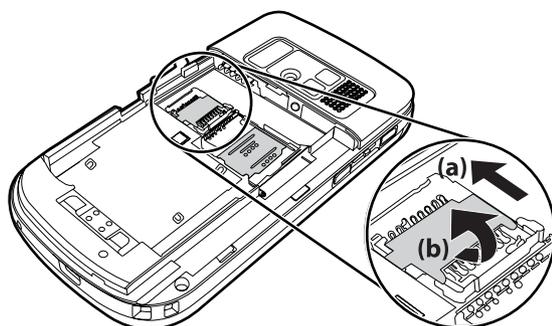
- Expanding the memory of your HP iPAQ
- Adding functionality

 **NOTE:** Storage cards are not included with your HP iPAQ, and must be purchased separately.

To locate information about storage cards, visit <http://www.hp.com/go/ipaqaccessories>.

Insert a storage card

1. Remove the battery cover, slide the storage card holder and open it.



2. Place the card in the storage card holder with the metal area inserted first.
3. Slide back the storage card holder until it fits into place.

If you have trouble inserting a storage card, try the following:

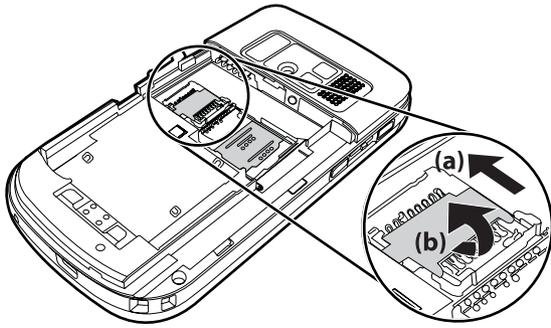
- Make sure you are not inserting the card at an angle.
- Make sure you insert the connection area (the metal area) first.

Remove a storage card

To remove a micro Secure Digital (SD) storage card from the storage slot on the HP iPAQ:

1. Close all programs that are using the storage card.
2. Press and hold the **Power** key to turn off your HP iPAQ.
3. Remove the battery.

4. Slide the storage slot cover and open it.



5. Remove the storage card from the storage card slot.



NOTE: HP recommends inserting the protective plastic card that came with your HP iPAQ into the storage slot when not in use.

View content of a storage card

Use File Explorer to view the files that are located on your optional storage card.

1. Tap **Start > Programs > File Explorer**.
2. Tap **Up**, then select the storage card folder to see a list of files and folders.

If the HP iPAQ does not recognize your storage card, try the following:

- Make sure to install any drivers that came with the storage card.
- Reset the HP iPAQ by using the stylus to lightly press the **Reset** button.

11 Synchronization

Synchronization software

If your computer is running Windows XP or an earlier version, synchronization settings are managed through Microsoft ActiveSync. Microsoft ActiveSync 4.5 is available on the *Getting Started* CD. You can also visit <http://www.microsoft.com/windowsmobile> for more information or to download Microsoft ActiveSync.

If your computer is running Windows Vista, synchronization settings are managed through Windows Mobile Device Center (WMDC). WMDC 6.1 is available on the *Getting Started* CD. You can also visit <http://www.microsoft.com/windowsmobile> to download WMDC.

Copy files

You can copy files to and from the computer using ActiveSync.

To copy files using ActiveSync:

1. Connect your HP iPAQ to the computer using the mini-USB synchronization cable.
2. On the computer, select **Start > Programs > Microsoft ActiveSync**.
3. In the **ActiveSync** window, select **Explore**.
4. Double-click **Windows Mobile-Based Device**.
5. Open **Windows Explorer** on your computer and locate the files to be copied.
6. Drag and drop the files between your HP iPAQ and the computer. ActiveSync converts the files so that they can be used by the Office Mobile programs, if necessary.



NOTE: You cannot copy preinstalled files or system files.

7. Drag and drop your files between your HP iPAQ and your computer. ActiveSync converts the files so that they can be used by the Office Mobile programs, if necessary.

To copy files using WMDC:

1. Connect your HP iPAQ to the computer and wait for WMDC to launch automatically.
2. Click **File Management** to open the Mobile Device folder for your device.
3. In the **Mobile Device** folder, navigate and select the file that you want to copy on your device or computer.

Move the files directly into My Documents on your HP iPAQ (or into a folder inside My Documents).

Migrate data from Palm Desktop to Microsoft Windows Mobile 6

If you used a Palm OS based device before purchasing your HP iPAQ, you need to migrate your data from the Palm Desktop software to Microsoft Windows Mobile 6.

To migrate data from Palm Desktop to Windows Mobile 6:

1. Ensure that you have Microsoft Outlook 98 or higher installed on your computer.
2. Insert the Companion CD that came with your Palm unit into your computer's CD-ROM drive. From the **Discover Your Handheld** screen, select **Install Microsoft Conduits**. Alternatively, you may reinstall the Palm Desktop software. During the configuration process, select **Synchronize your handheld with Microsoft Outlook and Palm Desktop software**.
 **NOTE:** Microsoft Outlook must be set as your default e-mail program to properly synchronize with the Palm Desktop software. If you need to change your settings, open Microsoft Outlook, then click **Tools > Options > Other** tab and check the **Make Outlook the default program for E-mail, Contacts, and Calendar** check box. Click **Apply > OK**, and then restart your computer.
3. Use the HotSync software located on the Companion CD that came with your Palm unit to synchronize your Palm information with Outlook. Refer to the instructions that came with your Palm unit for help installing or using HotSync.
4. When Outlook is synchronized with your Palm device, uninstall Hotsync from your computer. Click **Start > Control Panel > double-click Add or Remove Programs**. Select **Palm Desktop**, then click **Remove**. Follow the on-screen instructions.
5. Insert the *Getting Started* CD into your computer's CD-ROM drive and follow the on-screen instructions to install ActiveSync on your computer and create a partnership between your HP iPAQ and your computer.

Wireless Synchronization Cost Saving Tips

How you manage the cost of synchronizing without wires from your HP iPAQ depends on your priorities.

To	Do this
Reduce network connection or data transfer costs	Increase the time between scheduled synchronizations, or synchronize manually. Check the details of your rate plan.
Extend battery life	Schedule synchronization less frequently or synchronize manually.
Keep your information up to date	During periods of high mail volume, schedule synchronization at regular but frequent intervals. During periods of low mail volume, schedule synchronization as items arrive.

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- NOTE:**
- The device power-down timer is reset each time you synchronize. If you schedule a synchronization interval that is smaller than the time interval set for the device to automatically power down, the device never turns off to save battery power.

Troubleshoot synchronization Issues

Following is a list of symptoms that might indicate synchronization issues:

- No **ActiveSync** tone plays (or a gray icon displays), and there is no activity in the **ActiveSync** window on your computer.
- WMDC does not launch even after installation.
- **ActiveSync** tone plays, and the **ActiveSync** icon on your computer changes to a swirling green icon. The **Retrieving settings** message displays on your computer, but the **ActiveSync** connection drops prior to establishing the partnership.

- **ActiveSync** is searching for a connection but cannot establish one. (The green icon on your computer continues to spin.)
- Synchronization has been established between your HP iPAQ and computer but connection is dropped. (The green icon on your computer stops spinning and grays out.)
- Firewall or other network protection software message box is displayed for **ActiveSync** to access the network or Internet.

Following is a list of troubleshooting tips if you experience difficulty while synchronizing your HP iPAQ and computer. Try the following solutions to troubleshoot any synchronization issues:

- Check the OS on your computer before you begin synchronizing information between your HP iPAQ and computer. The synchronization method varies depending on the OS running on the computer.

If your computer is running Windows XP or an earlier version, synchronization settings are managed through Microsoft ActiveSync. Microsoft ActiveSync 4.5 is available on the *Getting Started* CD. Visit <http://www.microsoft.com/windowsmobile> for more information or to download Microsoft ActiveSync.

If your computer is running Windows Vista, synchronization settings are managed through Windows Mobile Device Center. Visit <http://www.microsoft.com/windowsmobile> to download Windows Mobile Device Center.



NOTE: HP does not guarantee the accurate functionality of any third party applications with Windows Vista.

- If you are running **ActiveSync** 4.5 or later and personal firewall software on your computer, please add **ActiveSync** to the firewall program's exception list.
(Firewall software, such as Sygate Personal Firewall, TrendMicro PC-cillin Internet Security 2005, Norton Personal Firewall, McAfee Personal Firewall, or Zone Alarm Security Suite might block synchronization.) Refer to the documentation that came with your firewall program to determine how to add ActiveSync 4.5 or later to the program's exception list. To further troubleshoot a firewall application and enable ActiveSync 4.5 or later, visit: <http://www.microsoft.com/windowsmobile>.
- During the **ActiveSync** installation, if you inadvertently left the **Microsoft Exchange Server** option box checked and are not planning to connect to an Exchange server, follow these steps:
 - Connect your HP iPAQ to your computer. Make sure an **ActiveSync** connection is established.
 - On your computer, click **Start > All Programs > Microsoft ActiveSync**.
 - Click **Tools > Options**.
 - Clear the boxes for the sync items listed under the **Server group**.
 - Select the check boxes under the **Computer group** for those items you want to synchronize.
- Disconnect your HP iPAQ from your computer and wait for the **ActiveSync** message confirming that your device is no longer connected. Reconnect your HP iPAQ to your computer. Wait to see if your HP iPAQ connects to your computer.
- On your computer, in **ActiveSync** application, select **File > Connection Settings**. Confirm that USB is selected as a potential connection method.
- Connect your HP iPAQ to a different USB port on your computer.
- Check your mini-USB synchronization cable. Consider using another mini-USB synchronization cable if one is available to you.

- Try synchronizing via a Bluetooth connection. Refer to the printed or CD-based documentation that came with your HP iPAQ for specific instructions.
- Once your computer and HP iPAQ restart, reconnect your HP iPAQ to your computer.
- Uninstall **ActiveSync** from your computer and then reinstall it. To uninstall **ActiveSync** from your computer, click **Start > Control Panel > Add or Remove Programs > Microsoft ActiveSync**. Then click **Remove > Yes**.

After trying the above solutions without any success in solving your connection problem, perform a factory reset on your HP iPAQ using the HP iPAQ Setup Assistant.

You can reinstall your applications on your HP iPAQ after the hard or clean reset is complete by using ActiveSync on your computer. After your HP iPAQ is synchronized properly, go to **ActiveSync** on your computer and select **Tools > Add/Remove Programs**, and then select any programs you want to reinstall.

Customized links in WMDC

After connecting your device to a Windows Vista system using WMDC 6.1, an image of HP iPAQ 600 Series Business Navigator pops up on the left of the **Windows Mobile Device Center** screen. You can set up your device to synchronize the Outlook contacts, e-mail, and other information on your device or just connect the device by skipping the setup process.

After the device synchronizes with your computer, the following links are displayed on your computer:

- **Programs and Services**
- **Pictures, Music and Video**
- **File Management**
- **Mobile Device Settings**

To view a list of customized links, navigate to **Programs and Services**. Click **more>>** to view additional links for the various HP services and click **<<back** to go back to the previous screen.

12 Tasks

Set start and due dates for a task

1. Tap **Start > Programs > Tasks**.
2. Tap the task you want to set start and due dates for.
3. Tap **Edit** and do one or both of the following:
 - Tap **Starts** to enter a start date for the task.
 - Tap **Due** to enter a due date for the task.
4. Tap **ok**.

Show start and due dates in the task list

1. Tap **Start > Programs > Tasks**.
2. Tap **Menu > Options...**
3. Select the **Show start and due dates** check box.
4. Tap **ok**.

Set options for displaying tasks on the Today screen

If you have a large number of tasks, you might want to specify the kind of tasks that are displayed on the **Today** screen.

1. Tap **Start > Settings > Personal > Today**.
2. Tap **Items**, and then select the **Tasks** check box.
3. Tap **Tasks** to access options, then tap **Options...**
4. Under **Display number of**, select the type of tasks to appear on the **Today** screen.
5. In the **Category** list, select whether to display only tasks assigned to a specific category or to display all tasks.

Mark a task as completed

To mark a task as completed:

1. Tap **Start > Programs > Tasks**.
2. In the task list, select the check box next to the task you want to mark as completed.

To mark an open task as completed:

1. Tap **Edit**.
2. In the **Status** box, tap **Completed**.

13 Messaging

Understand messages

To send and receive e-mail messages for an e-mail account, you need to connect to the Internet or your corporate network, depending on the account.

You can send and receive:

- Outlook e-mail
- Internet e-mail through an ISP
- Text messages

You can also access e-mail from work using a VPN connection.

E-mail in the Outlook e-mail account is sent and received through synchronization with a computer using any synchronizing software or through wireless synchronization directly with an Exchange Server.

Internet e-mail is sent and received by connecting to a Post Office Protocol 3 (POP3) or Internet Message Access Protocol 4 (IMAP4) e-mail server. When connecting to a POP3 or IMAP4 server, you need to use a modem to connect to your ISP. You can use an Ethernet card to connect to the local area network your e-mail server is connected to. You can also use your HP iPAQ to connect by using a cellular line connection (for example, using MMS).

Text messages are sent and received through your wireless service provider using a phone number as the message address.

Folder types

Each messaging account has its own set of folders with five default Messaging folders:

- **Inbox**
- **Outbox**
- **Deleted Items**
- **Drafts**
- **Sent Items**

The messages you receive and send through the account are stored in these folders. You can also create additional folders for each account.

The way folders work vary by type:

- If you use an Outlook e-mail account, e-mail messages in the Inbox folder in Outlook are synchronized automatically with your device. You can select additional folders for synchronization by assigning them designations. The folders you create and the messages you move are then mirrored on the e-mail server.
- If you use an MMS account or a text message account, messages are stored in the Inbox folder.
- If you use a POP3 account and move your e-mail messages to a folder you created, the link between the messages on the device and their copies on the e-mail server breaks. When you

connect, the e-mail server detects that the messages are missing from the Inbox folder on the device and deletes them from the e-mail server. This prevents having duplicate copies of a message, but it also means that you no longer have access to messages.

- If you use an IMAP4 account, the folders you create and the e-mail messages you move are mirrored on the e-mail server. These messages are therefore available from any location or device. This synchronization of folders occurs whenever you connect to your e-mail server, create new folders, or rename/delete folders when connected. You can also set different download options for each folder.

Synchronize E-mail

When you synchronize Outlook e-mail on the computer with your device, e-mail messages are synchronized as follows:

- Messages in the Inbox folder on your computer or Exchange Server are copied to the Inbox folder of the Outlook e-mail account on your device.
- Messages in the Outbox folder on your device are transferred to Exchange Server or Outlook and then sent from those programs.
- When you delete a message on your device, it is deleted from your computer or Exchange Server the next time you synchronize.
- The default sync settings synchronize messages from the past three days and the first 0.5 KB of each new message is downloaded. It does not download file attachments.

 **NOTE:** For more information on starting Outlook e-mail synchronization or changing synchronization settings, see ActiveSync Help on the computer or tap **Contents**.

Text messages are not received via synchronization. Instead, they are sent to your device via your service provider.

Set up messaging accounts

Set up e-mail using exchange server

1. Tap **Start > Messaging > New E-mail Account**.
2. Enter your e-mail address in the **E-mail address** box, and then tap **Next**.
3. Scroll and select the **Exchange server** option from the **Your e-mail provider** list.
4. Tap **Next** to synchronize outlook with your organization's Exchange e-mail server.
5. In **Server address**, enter the Outlook Web Access server address and tap **Next**.

 **NOTE:** Select **This server requires an encrypted (SSL) connection** check box to ensure you always send e-mail from this account using an SSL connection.

6. Enter the **User name**, **Password**, and **Domain** on the **Edit Server Settings** screen.
7. Select the check box for the items you want to synchronize, and tap **Finish**.

Internet E-mail

Create a new POP3 or IMAP4 account

You must set up an e-mail account that you have with an ISP or an account that you access using a VPN server connection (typically a work account) before you can send and receive e-mail.

1. Tap **Start > Messaging > New E-mail Account**.
2. Enter the account name and then Tap **Next**.
3. Scroll and select the **Internet e-mail** option from the **Your e-mail provider** list and tap **Next**.
4. Enter your name and required account name and tap **Next**.
5. Enter the incoming server name and select the required account type, **POP3** or **IMAP4**.

You can also perform the following functions:

- Change the time intervals for downloading new messages.
- Download attachments.
- Limit the number of messages that are downloaded.

Setting	Description
User name	Enter the user name assigned to you by your ISP or network administrator. This is often the first part of your e-mail address, which appears before the at sign (@).
Password	Choose a strong password. You have the option to save your password so that you do not need to enter it each time you connect to your e-mail server.
Domain	Not required for an account with an ISP. Might be required for a work account.
Account type	Select POP3 or IMAP4.
Account name	Enter a unique name for the account, such as Work or Home. This name cannot be changed later.
Incoming mail	Enter the name of your e-mail server (POP3 or IMAP4).
Outgoing mail	Enter the name of your outgoing e-mail server (SMTP).
Require SSL connection	Select this to ensure you always send e-mail from this account using an SSL connection. This enables you to send personal information more securely. Note that if you select this and your ISP does not support an SSL connection, you might not be able to send e-mail.
Outgoing mail requires authentication	Select this if your outgoing e-mail server (SMTP) requires authentication. Your user name and password from above is used.
Use separate settings	Select this if your outgoing e-mail server requires a different user name and password than the ones you entered before.
Outgoing server settings	
User name	Enter your user name for the outgoing e-mail server.
Password	Enter your password for the outgoing e-mail server.

Setting	Description
Domain	Enter the domain of the outgoing e-mail server.
Require SSL for outgoing mail	Select this to ensure you always send e-mail from this account using an SSL connection. This enables you to send personal information more securely. Note that if you select this and your ISP does not support an SSL connection, you might not be able to send e-mail.

 **TIP:** You can set up several e-mail accounts in addition to your Outlook e-mail account. You cannot add a new account while connected. Tap **Menu > Stop Send/Receive** to disconnect.

Change E-mail download options

You can customize the following download options for each e-mail account that you have with an ISP, or any account that you access using a VPN server connection (typically a work account).

You can choose:

- Whether messages are downloaded automatically.
- How much e-mail is downloaded.
- If and how attachments are downloaded (IMAP4 only).

To change the e-mail download options, do the following:

1. Tap **Start > Messaging > Menu > Options**.
2. Select the e-mail account.
3. Tap **Next** until you reach **Server information**.
4. Tap **Options**.
5. Enter your changes on the next three screens, and tap **Finish**.

 **TIP:** To send and receive messages automatically, tap **Connect**, check for messages and enter a time interval. Connecting automatically might result in higher connection charges.

To save memory, limit the number of e-mails downloaded to your device by lowering the number of days to display.

To change options for an Outlook e-mail account, tap **Start > Programs > ActiveSync > Menu > Options**.

Delete an account

1. Tap **Start > Messaging**.
2. Tap **Menu > Options**.
3. Tap and hold the account name, and tap **Delete**.

 **NOTE:** You cannot delete your text message account.

Text messaging

Text messaging is the transmission of short text messages to and from a mobile phone, fax machine, and/or IP address. A single text message cannot be longer than 160 alpha-numeric characters or cannot contain pictures or graphics.

Messages longer than 160 alpha-numeric characters are sent as multiple text messages. A character count is visible when text messages (New/Reply/Forward) are composed. The count also shows how many text messages are generated when the message is sent.

The Text Message Service Center phone number is provided by your mobile phone service provider. Text messaging should function correctly after activating your account. To verify the number used to change the Text Message Service Center phone number, tap **Start > Phone > Menu > Options... > Services > Voice Mail and Text Messages > Get Settings...**

MMS

MMS is a method of transmitting photographs, video clips, sound files, and short text messages over wireless networks.

When the phone radio is turned on for the first time, the GSM/GPRS Manager application detects the mobile phone service provider and automatically populates the MMS settings on the HP iPAQ.

Alternately, you can access some MMS settings by tapping **Start > Messaging > Menu > Options > Accounts > MMS > Preferences**. It is not recommended to change the MMS settings provided by your mobile phone service provider unless they request the change.

MMS composer

With MMS composer you can create and share your own MMS messages. You can also add pictures, videos, text, and audio to your MMS messages.

To access MMS application, tap **Start > Messaging > MMS**

MMS account has its own set of folders with five default Messaging folders:

- **Deleted Items**
- **Drafts**
- **Inbox**
- **Outbox**
- **Sent Items**

To create an MMS message:

1. Tap **Start > Messaging > MMS**.
2. From any MMS folder, tap **Menu > New**
3. To add picture or video to the message, tap the **Insert picture/video** field, and then tap the required picture or video to be added.



NOTE: To view to the video clip before adding, navigate to the required file and tap the  (Play) button.

4. To insert text in the message, tap the **Insert text here** field and type the required text.

 **NOTE:** You can also insert a smiley by tapping the  (Smiley) icon, favorite Web link by tapping the  (Favorites) icon, and templates stored in **My Text** by tapping the  (Text) icon.

5. To add an audio clip to message, tap **Insert audio** and tap the required audio to be added.
-

 **NOTE:** To listen to the audio clip before adding, navigate to the required file and tap  (Play) button.

6. To preview the MMS message, tap the  (Play) icon at the left bottom of the screen.
-

 **NOTE:** To use a pre-made message template, tap **Menu > Template > New from template > OK**. Select the **Always choose custom** check box to view a blank message automatically.

NOTE: You can also add pictures, videos, and text by navigating to the required file and tapping **Select**.

Receive attachments

An attachment sent with an e-mail message or downloaded from the server is displayed below the subject of the message. Tapping the attachment opens the attachment if it has been fully downloaded or marks it for download the next time you send and receive e-mail. You can also download attachments automatically with your messages if you have an Outlook e-mail or IMAP4 e-mail account.

If you have an Outlook e-mail account, do the following:

1. Tap **Start > Programs > ActiveSync**.
2. Tap **Menu > Options...**
3. Tap **E-mail > Settings**, and then select **Include file attachments**.

If you have an IMAP4 e-mail account with an ISP or an account that you access using a VPN server connection (typically a work account), do the following:

1. Tap **Start > Messaging**.
2. Tap **Menu > Options**
3. Tap the name of the IMAP4 account.
4. Tap **Next** until you reach **Server information**, and tap **Options...**
5. Tap **Next** twice, and select **Get full copy of messages** and **When getting full copy, get attachments**.

 **TIP:** Embedded pictures and objects cannot be received as attachments.

An embedded message can be viewed as an attachment when using IMAP4 to receive e-mail. However, this feature does not work if Transport Neutral Encapsulation Format (TNEF) is enabled so that you can receive meeting requests.

To store attachments on a storage card rather than on the device, tap **Start > Messaging > Menu > Options > Storage**, and select the **When available, use this storage card to store attachment** check box.

Receive meeting requests

If you receive your e-mail messages through ActiveSync, you can receive meeting requests. When connecting directly to an e-mail server, the server must be running Microsoft Exchange Server version 5.5 or later for you to receive meeting requests.

If the server is running Microsoft Exchange Server 2000 or later, your meeting requests are automatically received in your Inbox. However, to receive meeting requests on Microsoft Exchange Server 5.5, do the following:

- Ask your system administrator to activate Rich Text Format (RTF) and TNEF support for your account.

With TNEF enabled, your messages that are included in other messages as attachments are not received, and you cannot know if a message has an attachment until you get the full copy. In addition, download time might be longer.

- Change e-mail download options if your account is not set up to receive attachments.

After you are set up to receive meeting requests, do the following:

1. Open the meeting request.
2. Tap **Accept**, or **Menu > Tentative**, or **Menu > Decline**. If you want, you can also include a message with the response. The response will be sent the next time that you synchronize or connect to your e-mail server, and your device calendar will be updated.

Create or change a signature

1. Tap **Start > Messaging**.
2. Tap **Menu > Options... > Signatures...**
3. Select the account for which you want to create or change a signature.
4. Select the **Use signature with this account** check box if it is not already selected.
5. Select the **Use when replying and forwarding** check box if required.
6. Enter a signature in the box.

To stop using a signature, clear the **Use signature with this account** check box.

 **TIP:** You can use a different signature with each messaging account.

Use messaging

Compose and send messages

1. In the message list, tap and select an account.
2. Tap **Menu > New**.
3. Enter the e-mail address or text message address of one or more recipients, separating them with a semicolon. To access addresses and phone numbers from **Contacts**, tap **To**.
4. Enter your message. To quickly add common messages, tap **Menu > My Text** and tap the required message.
5. To check the spelling, tap **Menu > Spell Check**.
6. Tap **Send**.

 **TIP:** To set the priority, tap **Menu > Message Options...**

If you are working offline, e-mail messages are moved to the Outbox folder and are sent the next time you connect.

 **NOTE:**

Reply or forward a message

1. Tap on the message to open it, and then tap **Menu > Reply**, **Reply All**, or **Menu > Forward**.
2. Enter your response. To quickly add common messages, tap **Menu > My Text** and tap the required message.
3. To check the spelling, tap **Menu > Spell Check**.
4. Tap **Send**.

 **NOTE:** If you want to keep the original text with the outgoing message, tap **Menu > Options** then tap **Message**. You must check the **When replying to e-mail, include body** option.

Add an attachment to a message

1. In an open message, tap **Menu > Insert** and tap the item you want to attach: **Picture**, **Voice Note**, or **File**.
2. Select the file you want to attach or record a voice note.

 **NOTE:** Embedded objects cannot be attached to messages.

Download messages

The manner in which you download messages depends on the type of account you have:

- To send and receive e-mail for an Outlook e-mail account, begin synchronization through ActiveSync.
- Text messages are automatically received when your HP iPAQ is switched on. When your HP iPAQ is switched off (in flight mode), messages are held by your service provider until the next time your HP iPAQ is turned on.

 **TIP:** By default, messages you send are not saved on your device to help conserve memory. If you want to keep copies of sent messages in the messaging list, tap **Menu > Options > Message**, and select the **Keep copies of sent items in Sent folder** check box. If your account is an Outlook e-mail or IMAP4 account, you must also select the Sent Items folder for synchronization. To do this, tap **Start > Messaging > Outlook E-mail**, and then tap **Menu > Tools > Manage Folders...** and select the check box next to the **Sent Items** folder.

Download messages from a server

1. From any account, tap **Menu > Go To** and tap the account you want to use.
2. Tap **Menu > Send/Receive**.

The messages on your device and e-mail server are synchronized. New messages are downloaded to the device **Inbox** folder, messages in the device **Outbox** folder are sent, and messages that have been deleted from the server are removed from the device **Inbox** folder.

 **TIP:** To read the entire message, tap **Menu > Download Message** while in the message window. If you are in the message list, tap and hold the message, and then tap **Menu > Download Message**. The message will download the next time you send and receive e-mail. This will also download message attachments if you have selected those options while setting up your e-mail account.

The size column in the message list displays the local size and server size of a message. These numbers might differ because the size of a message can vary between the server and the device.

Install an online address book

Many e-mail servers, including servers running Exchange Server, can verify names with an online address book called a directory service, using a protocol known as Lightweight Directory Access Protocol (LDAP). When you create an e-mail account, the directory service of your e-mail server is added to the **Address**, and you are given the option to enable it. After it is enabled, Messaging checks your contact list and then the directory service to verify names that you enter in the **To**, **Cc**, and **Bcc** fields. To enable a directory service or if you want to use additional services, follow these steps:

1. If you are adding a new account, ask your network administrator for the name of the directory service and the server.
2. In the message list, tap **Menu > Options > Address**.
3. In the **In Contacts, get e-mail addresses from** list, select which e-mail address book to check in contacts. Contacts will be checked first unless you select **None**.
4. If your e-mail server is already listed, select the server's directory service check box to enable it and tap **ok**.
5. If your e-mail service is not listed, tap **Add...**
6. In the **Directory name** and **Server** boxes, enter the LDAP directory and server names.
7. Ask your network administrator if authentication is necessary for your server. If so, select the **Authentication is necessary on this server** check box, and enter your user name and password.
8. To have messaging check this service, select the **Check name against this server** check box.

 **TIP:** To delete a service, tap and hold the service, and then tap **Delete**.

While synchronizing your Outlook e-mail account, disable any directory services you have installed by clearing the **Check name against this server** check box. This helps avoid getting error messages when **Messaging** tries to verify names against the service that you are not connected to.

14 Calendar

Access calendar

Use Calendar to schedule appointments, including meetings and other events. You can display appointments for the day on the **Today** screen.

- ▲ To access Calendar, tap **Start > Calendar**.

Change the display of the work week

You can customize your calendar for a work week to start on Sunday or Monday. You can schedule your calendar for a five to seven-day week.

To change the display of the work week:

1. Tap **Start > Calendar**.
2. Tap **Menu > Tools > Options...** and do one or both of the following:
 - To specify the first day of the week, tap **Sunday** or **Monday** in the **1st day of week** box.
3. To specify the number of days to appear in a work week, tap **5-day week**, **6-day week**, or **7-day week** in the **Week view** box.
4. Tap **ok**.

Set a default reminder for all new appointments

To automatically turn on a reminder for all new appointments:

1. Tap **Start > Calendar**.
2. Tap **Menu > Tools > Options... > Appointments**.
3. Select the **Set reminders for new items** check box.
4. Set the time for the reminder to alert you.
5. Tap **ok**.

Update an appointment

To update an appointment on your calendar:

1. Tap **Start > Calendar**.
2. Tap the appointment, then **Menu > Edit** to make your changes.
3. Tap **ok**.

Cancel an appointment

When you delete an appointment in calendar on your HP iPAQ, it is also deleted on your computer the next time you synchronize. If the appointment has not been synchronized with a computer, it will be deleted only from your HP iPAQ.

1. Tap **Start > Calendar**.
2. In **Agenda** view, select the appointment to delete.
3. Tap **Menu > Delete Appointment**.
4. Tap **Yes** to delete the appointment, or tap **No** to keep it.



NOTE: In other views use the Smart-Touch Navigation wheel or the 3-Way Thumb-Wheel to scroll and select an appointment, and then tap **Menu > Delete Appointment**.

15 Contacts

Create a contact

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap **New** and enter the contact information in **Outlook Contact** or **SIM Contact**.
3. When finished, tap **ok**.

 **NOTE:** If your contact list has been filtered by a category when you create a contact, that category is automatically assigned to the new contact.

If most of the contacts you create have phone numbers that begin with the same area code, in the **Contacts**, tap **Menu > Options...** and enter that area code in the **Area code** box.

If you receive a call from a number that is not listed in your contacts, you can create a contact from the call history.

For more information on creating contacts, tap **Start > Help**.

Delete a contact

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap and hold the contact to delete.
3. Tap **Delete Contact**.
4. Tap **ok**.

Change contact information

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap the contact.
3. Tap **Edit** and enter the changes.
4. When finished, tap **ok**.

Copy a contact

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap and hold the contact you want to copy.
3. Tap **Copy Contact**.
4. Tap the copy of the contact.
5. Tap **Edit**.
6. Change the contact information as needed and tap **ok**.

 **NOTE:** The displayed category is automatically assigned to the new contact.

Find a contact

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. If you are not in **Name** view, tap **Menu > View By > Name**.
3. Do one of the following:
 - Begin entering a name or phone number in the provided text box until the contact you want is displayed. To show all contacts again, tap the text box and clear the text, or tap the arrow to the right of the text box.
 - Use the alphabetical index displayed at the top of the contact list.
 - Filter the list by categories. In the contact list, tap **Menu > Filter**. Then tap a category you have assigned to a contact. To show all contacts again, select **All Contacts**.

 **NOTE:** To search for a contact by entering a name or number, or by using the alphabetical index, you need to be in **Name** view.

Send an E-mail message to a contact

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap the contact you want to send a message to.
3. Tap the address you want to send a message to.
4. Tap the account you want to send the message from.

 **NOTE:** To quickly add a contact's address to a new message, tap **To**, **Cc**, or **Bcc** line, and then tap **Menu > Add Recipient**. Tap the contact you want to send the message to and choose the address, if necessary.

Send a text message to a contact

1. In the message list, tap **Menu > Go To** and select the account.
2. Tap **Menu > New**.
3. Enter the e-mail address or text message address of one or more recipients, separating them with a semicolon. To access addresses and phone numbers from **Contacts**, tap **To**.
4. Enter your message. To quickly add common messages, tap **Menu > My Text** and tap the required message.

 **NOTE:** To enter symbols, tap **Shift** using the on-screen keypad.

5. To check the spelling, tap **Menu > Spell Check**.

 **NOTE:** To set the priority, tap **Menu > Message Options...**

6. Tap **Send**.

If you are working offline, e-mail messages are moved to the **Outbox** folder and will be sent the next time you connect.

If you are sending a text message and want to know if it was received, before sending the message, tap **Menu > Tools > Options...** Tap **Accounts > Text Messages** and select **Request delivery notifications** check box.

Add and remove a picture

To add a picture to the contact information:

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap the contact.
3. Tap **Edit**.
4. Tap **Picture**.
5. Do one of the following:
 - Tap the picture you want to add.
 - Tap **Camera** and take a picture.

To remove a picture from the contact information:

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap the contact.
3. Tap **Menu > Edit**.
4. Tap **Menu > Remove Picture**.

Use the contact list

There are several ways to use and customize the contact list. You can also make a call or send a message from an open contact.

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. In the contact list, do any of the following:
 - To search for a contact by entering a name or number, or by using the alphabetical index, enter the name or number into the **Enter a name...** box.
 - To see a list of contacts employed by a specific name or company, tap **Menu > View By > Name** or **Company**.
 - To see a summary of information about a contact, tap the contact. From there, you can also make a call or send a message.
 - To see a list of available actions for a contact, tap and hold the contact.



NOTE: To display a greater number of contacts on the screen, tap **Menu > Options...**, select the **Show contact names only** check box, and clear the **Show alphabetical index** check box.

16 Connections

You can use your HP iPAQ to connect to and exchange information with other handheld devices, your computer, various network types, or the Internet. There are several ways to get connected, including:

- WLAN
- Bluetooth
- GPRS/EDGE

All these connection types can be accessed by tapping **Start > Settings > Connections**.

iPAQ Wireless

The **iPAQ Wireless** application provides centralized control of all the wireless features available on your HP iPAQ.

To configure networks using **iPAQ Wireless**:

1. Tap the  (iPAQ Wireless) icon.
 2. To customize additional settings, select the appropriate wireless network tab.
 - The **All** tab is the default tab and is used to change the status of available networks.
 - On the **Phone** tab, you can toggle the power status and access the phone and data settings. You can even view the operator network name and phone version information.

 **NOTE:** At the bottom of the screen, the connected state of GPRS and International Mobile Equipment Identity (IMEI) number for the GSM module is displayed.
 - On the **WLAN** tab, you can toggle the power status and access the WLAN and VPN & Proxy settings. You can even view the name of the access point the adapter is connected to and the version information.

 **NOTE:** At the bottom of the screen, the IP and MAC addresses of the WLAN adapter are displayed.
 - On the **Bluetooth** tab, you can toggle the power status and gain access to the Bluetooth settings and Bluetooth Manager application. You can even view the Bluetooth version information.

 **NOTE:** At the bottom of the screen, the MAC address of the Bluetooth chip is displayed.
-
-  **NOTE:** The Help link on each tab takes you to the help topic specific to that particular option. You can turn off all the wireless networks by tapping **Menu > All Wireless Off**. To view version information, time stamp, and copyright notice, tap **Menu > About**.

You can disconnect or drop all the data connections available in your on your HP iPAQ. This feature can be accessed only if a data-enabled SIM and a data connection is available. Once the data is dropped, it can only be enabled from connections settings on your HP iPAQ.

WLAN

With wireless access, you do not need to use cables to connect your HP iPAQ to the Internet. Instead, access points transmit data to and from your wireless device. Your HP iPAQ can connect to an 802.11b/g WLAN or connect directly to other WLAN-enabled devices.

With WLAN, you can:

- Access the Internet.
- Send and receive e-mail.
- Access corporate network information.
- Use VPNs for secure remote access.
- Use hotspots for wireless connectivity.

On the **Today** screen, tap the  (iPAQ Wireless) icon to access the WLAN features.

 **NOTE:** Use of dial-up and wireless Internet, e-mail, corporate networks, and other wireless communications, such as Bluetooth devices, might require separately purchased additional hardware and other compatible equipment, in addition to a standard WLAN infrastructure and a separately purchased service contract. Check with your service provider for availability and coverage in your area. Not all Web content might be available. Some Web content might require installation of additional software.

WLAN Terms

It is recommended that you become familiar with the following terms as you begin to use WLAN technology.

Term	Definition
802.11 standard	An approved standard specification of radio technology from the Institute of Electrical and Electronics Engineers (IEEE) used for wireless local area networks (WLANs).
Device-to-computer or ad-hoc	A mode that does not use access points. It provides independent peer-to-peer connectivity in a wireless LAN.
Domain Name System (DNS)	The way that Internet domain names are located and translated into IP addresses. It is an easy to remember name for an Internet address. Every Web site has its own specific IP address on the Internet.
Encryption	An alphanumeric (letters and/or numbers) conversion process of data primarily used for protection against any unauthorized people.
Hotspots	Public or private areas where you can access WLAN service. These wireless connections can be located, for example, at a library, cyber cafe, hotel, airport lounge, or convention center. This service can be free or sometimes requires a fee.
Infrastructure	This connection mode uses wireless access points to connect to networks.

Automatically connect to a WLAN network

When you connect to a WLAN network, the HP iPAQ automatically detects WLAN networks that are broadcasting their signal. If your WLAN network is not set to broadcast, then you have to connect to it

manually. Before trying to connect to a WLAN network, determine if authentication information is needed by contacting your network administrator.

1. Tap the  (iPAQ Wireless) icon.
2. Tap the  (WLAN) icon to turn on WLAN.
3. Once your HP iPAQ detects a WLAN network, you are asked to choose if you want to connect. Select the network you want to connect to and tap **Connect**.

Manually connect to a WLAN network

A wireless network can be added manually by entering the settings information to add the network. Before trying to connect to a WLAN network, determine if authentication information is needed by contacting your network administrator.

1. Tap  (iPAQ Wireless) icon.
2. Tap the  (WLAN) icon to turn on WLAN.
3. Tap **Start > Settings > Connections > iPAQ Wireless > WLAN > View WLAN Networks > Wireless > Add New...**
4. Enter the network name.
5. Choose a connection method. Select **The Internet** to connect to the Internet through an ISP or select **Work** to connect to a company network in the **Connects to** box. You should select **Work** if the network requires a proxy server.
6. Tap **Next**.
 - To use authentication, select an authentication method from the **Authentication** list.
 - To use data encryption, select an encryption method from the **Data Encryption** list.
 - To automatically use a network key, tap **The key is automatically provided** check box, else enter the **Network key** and **Key index**.

Find an IP address

1. Tap the  (iPAQ Wireless) icon.
2. Tap the  (WLAN) icon to turn on WLAN.
3. Connect to a network automatically or manually by tapping **Start > Settings > Connections > iPAQ Wireless > WLAN > View WLAN Networks > Network Adapters**.
4. Select a WLAN network. The WLAN IP address is displayed on the screen.

Delete a wireless network

You can delete networks you manually entered. However, you cannot delete automatically detected networks.

To delete an existing or available wireless network:

1. Tap the  (iPAQ Wireless) icon.
2. Tap the  (WLAN) icon to turn on WLAN.
3. Tap **WLAN > View WLAN Networks > Wireless**.
4. In the **Configure Wireless Networks** box, tap and hold the network you want to delete.
5. Tap **Remove Settings**.

Configure 802.1x authentication settings

Before performing these steps, determine if authentication information is needed by contacting your network administrator.

1. To manually enter information, tap **Start > Settings > Connections > iPAQ Wireless > WLAN > View WLAN Networks > Network Adapters**.
2. Select the network you want to configure.
3. For increased security, on the **Configure Network Authentication** screen, select **Use IEEE 802.1x network access control** check box and select the appropriate EAP type.

Bluetooth

Bluetooth terms

It is recommended that you become familiar with the following terms as you begin to use Bluetooth technology.

Term	Definition
Authentication	Verification of a numeric passkey before a connection or activity can be completed.
Authorization	Approval of a connection, access, or activity before it can be completed.
Bonding (Paired devices)	Creating a trusted connection between your device and another. After a bond is created, the two devices become paired. A paired device does not require authentication or authorization.
Device address	Unique electronic address of a Bluetooth device.
Device discovery	Location and recognition of another Bluetooth device.
Device ID	Name that a Bluetooth device provides when discovered by another device.
Encryption	Method of protecting data.
Passkey	Code you enter to authenticate connections or activities requested by other devices.
Personal Information Manager (PIM)	Collection of programs used to manage daily business tasks (for example: Contacts, Calendar, and Tasks).

Term	Definition
Profiles	Collection of Bluetooth settings.
Service discovery	Determination of which programs you have in common with other devices.

Bluetooth manager

Use Bluetooth Manager to:

- Establish connections
- Exchange business cards
- Display shortcuts

To use Bluetooth Manager:

1. Tap the  (Bluetooth) icon to turn Bluetooth on.
2. Tap the  (iPAQ Wireless) icon.
3. Tap **Bluetooth > Bluetooth Connections**. The first screen that displays is **My Shortcuts**.

When you are required to locate a device and connect to it, the Bluetooth browser searches for other Bluetooth devices.

Connect to a computer via Bluetooth

For best results, connect your HP iPAQ to the computer using USB to establish a synchronization before connecting via Bluetooth.

1. Follow the instructions in ActiveSync Help on the computer for configuring Bluetooth on your computer to support ActiveSync.
2. On your HP iPAQ, tap **Start > Programs > ActiveSync**.
3. Tap **Menu > Connect via Bluetooth**. Make sure the device and computer are within close range.
4. If this is the first time you have connected to this computer via Bluetooth, complete the Bluetooth wizard on your HP iPAQ and set up a Bluetooth partnership with the computer.
5. Tap **Sync**.
6. When finished, tap **Menu > Disconnect Bluetooth**.

 **TIP:** To preserve battery power, turn off Bluetooth.

Use your HP iPAQ as a wireless modem with Bluetooth

You can use your HP iPAQ as a wireless modem, so that you can connect your Bluetooth-enabled computer to the Internet.

1. Turn on Bluetooth on both, your HP iPAQ and your computer.
2. Make sure that your HP iPAQ is discoverable.
 - Tap **Start > Settings > Connections > Bluetooth > Mode**.
 - Select **Make this device visible to other devices** check box.

3. Place the HP iPAQ within 3 meters (approximately 10 feet) of the computer and open the Bluetooth management software provided with your computer. Refer to the computer documentation on Bluetooth and search for all Bluetooth devices.
4. Select your HP iPAQ from the resulting list and perform the necessary procedures to pair the devices via Bluetooth.
5. Once the devices are paired using the Bluetooth management software on your computer, discover the available Bluetooth services offered by the HP iPAQ and select **dial-up networking**.
6. On your HP iPAQ, tap **Accept** to complete the connection, if you are asked to do so.
7. On your computer, a user name and password screen is displayed. Contact your mobile phone service provider to obtain the appropriate username and password.
8. Enter ***99** in the dial field and tap **Talk**.

 **NOTE:** The computer initially indicates that your HP iPAQ is dialing. After a short period of time, it displays the network is verifying the username and password. Next, the computer registers on the network and connects.

Your HP iPAQ displays a notification indicating an active connection.

 **NOTE:** If you tap on the icon, the notification displays again, and it allows you to disconnect or re-hide the notification. The GPRS icon does not change to show when you are connected.

Bluetooth device profiles

The functions that Bluetooth supports are called services or profiles. You can communicate only with Bluetooth devices that support at least one of the following profiles:

- ActiveSync—Uses SPP to connect to ActiveSync on a computer
- Advanced Audio Distribution Profile (A2DP)
- Audio Video Remote Control Profile (AVRCP)
- Basic Imaging Profile (BIP)
- Basic Printer Profile (BPP)
- File Transfer Protocol (FTP)
- Generic Access Profile (GAP)
- Hands Free Profile (HFP)
- Headset Support Profile (HSP)
- Human Interface Device Profile (HID)
- Generic Object Exchange Profile (GOEP)
- Object Push Protocol (OPP)
- Personal Area Network (PAN)
- Serial Port Profile (SPP)

Create, end, and accept a Bluetooth partnership

You can exchange information between your HP iPAQ and another device that has Bluetooth capabilities. For this, you will have to first create a Bluetooth partnership between the two devices.



NOTE: To exchange information between two Bluetooth enabled devices, make sure Bluetooth is turned on both devices. The devices need not be in the discoverable mode.

1. Make sure the two devices are turned on, discoverable, and within close range.
2. Tap **Start > Settings > Connections > Bluetooth**.
3. Tap **Add new device...** Your HP iPAQ searches for other devices with Bluetooth capabilities and displays them in the list.
4. Tap the name of the other device, and tap **Next**.
5. In **Security**, if you want to use a secure, encrypted connection (recommended for enhanced security), check this box, and tap **Next**. Otherwise, leave the **Security** field blank and tap **Next**.
6. Enter the same passkey on the other device.
7. Tap **Finish**.
8. To give the partnership a more meaningful name, tap and hold the device name under **My Shortcuts**, then tap **Rename**.

To end a Bluetooth Partnership:

1. Tap **Start > Settings > Connections > Bluetooth**.
2. Tap and hold the partnership you want to end.
3. Tap **Delete**.

To accept a Bluetooth partnership:

1. Make sure your device is turned on, discoverable, and within close range.
2. When prompted to accept a partnership with the device that is requesting the relationship, tap **Yes**.
3. If a passkey is requested, enter an alphanumeric passkey between 1 and 16 characters in **Passkey** box and tap **Next**. Enter the same passkey in the device requesting the partnership. Using a passkey provides greater security.
4. To give the partnership a more meaningful name, change the name of the device in **Name** box.
5. Tap **Finish**.

If you cannot discover another device, try the following:

- Make sure Bluetooth is turned on.
- Move closer to the device.
- Make sure the device you are attempting to connect to is on and allows access of being discovered by other devices.

Rename a Bluetooth partnership

1. Tap **Start > Settings > Connections > Bluetooth**.
2. Tap **Current profile**.
3. Select the partnership you want to rename, and tap **Rename**.
4. In **Enter the name of the new profile** box, enter a new name for the partnership.
5. Tap **ok**.

Pair and unpair devices

You can pair devices such that they exchange a computer generated security key prior to each connection. The security key is generated from a unique Bluetooth device address, a random number, and a user-defined password. After two devices are paired, they have a trusted relationship with each other. You do not need to give any additional input. Without giving constant authorization, your connections and activities can then be performed between the paired devices.

To pair devices:

1. Tap the  (Bluetooth) icon to turn Bluetooth on.
2. Tap the  (iPAQ Wireless) icon.
3. Tap **Bluetooth > Bluetooth Connections > Menu > Paired devices**.
4. Tap **Add**, and then tap **Lookup**.
5. Tap a device name.
6. Enter a password in the **Passkey** field.
7. Tap **ok**.
8. Enter the same password into the other device.

 **NOTE:** Some devices, such as mobile phones, need to be placed in a mode to accept a bond from another device. Refer to that device's user instructions for more information.

If you can see other devices, but you cannot connect or exchange data with them, try the following:

- Make sure the other device has not restricted your access.
- Try initiating pairing from the other device. Some Bluetooth devices can only initiate pairing and cannot respond to pairing requests from other devices.

If other devices cannot find or connect to your HP iPAQ, try the following:

- Make sure Bluetooth is turned on.
- Make sure you have not restricted other devices from finding your HP iPAQ. Refer to **Requiring a Passkey or Bond** for more information.
- Check your Bluetooth settings to make sure you have allowed your device to be discovered by others to connect.

To remove a paired relationship between devices:

1. Tap the  (iPAQ Wireless) icon.
2. Make sure that Bluetooth is already on. If not, turn on Bluetooth.
3. Tap **Bluetooth > Bluetooth Connections > Menu > Paired devices**.
4. Tap a device name.
5. Tap **Remove**.
6. Tap **Yes** to remove the pairing.

Make a device discoverable

When your HP iPAQ is discoverable, other devices with Bluetooth capabilities can detect, your HP iPAQ and attempt to beam information to it, establish a partnership, or use a Bluetooth service.

1. Tap **Start > Settings > Connections**.
2. Tap **Bluetooth > Mode**.
3. Select the **Make the device visible to other devices** check box.



NOTE: If you no longer want your HP iPAQ to be discoverable, clear the **Make the device visible to other devices** check box.

Open Bluetooth settings

1. Tap the  (Bluetooth) icon to turn Bluetooth on.
2. Tap the  (iPAQ Wireless) icon.
3. Tap **Bluetooth > Bluetooth Settings**.

Authorization to access services

If you choose to require authorization to access services, you have to authorize each connection. Your HP iPAQ always asks you if the connection should be permitted.

1. Tap the  (Bluetooth) icon to turn Bluetooth on.
2. Tap the  (iPAQ Wireless) icon.
3. Tap **Bluetooth > Bluetooth Settings > Services**.
4. Tap the service you want to enable: **File Transfer, Information Exchange, Serial Port, Personal Network Server, Hands Free, or Dial-up Networking Server**.
5. Select **Authorization required**.
6. Tap **ok**.

Use a passkey or bond

To establish a secure connection with another device, you can use the passkey feature or an established bond. You can also add data encryption to this type of security. A passkey is a code you enter to authenticate connections requested by other devices. The passkey must be known and used by both parties or the connection will not be allowed.

1. Tap the  (Bluetooth) icon to turn Bluetooth on.
2. Tap the  (iPAQ Wireless) icon.
3. Tap **Bluetooth > Bluetooth Settings > Services**.
4. Tap the service you want to enable: **File Transfer, Information Exchange, Serial Port, Personal Network Server, Hands free, or Dial-up Networking Server**.
5. Select **Authorization required** and **Authentication (Passkey) required** if you want more security.

6. Select **Encryption Required** if you want all data exchanged between the devices to be encrypted.
7. Tap **ok**.

Set a Bluetooth shared folder

You can determine the folder that other devices access when they connect to your HP iPAQ.

1. Tap the  (Bluetooth) icon to turn Bluetooth on.
2. Tap the  (iPAQ Wireless) icon.
3. Tap **Bluetooth > Bluetooth Settings > Services**.
4. Under **Bluetooth Services**, tap **File Transfer**.
5. Under **Service Settings**, select your preferred settings.
6. Tap **Advanced**.
7. Tap the **Folder** icon and locate a required file folder.
8. Tap **ok**.

Set up an incoming or outgoing Bluetooth COM port

1. Make sure your HP iPAQ is connected to the other device via Bluetooth.
2. Tap **Start > Settings > Connections**.
3. Tap **Bluetooth > COM Ports**.
4. Tap **New Incoming Port** or **New Outgoing Port**.

 **NOTE:** **New Outgoing Port** is only available if at least one Bluetooth device supports serial (COM) connection.

5. Select a numbered COM port from the list.

 **NOTE:** If the port cannot be created, it is in use. Select a different numbered port.

6. To limit communication on this COM port to only devices with which the HP iPAQ has a Bluetooth partnership, select the **Secure Connection** check box.
7. Tap **Finish**.

GPRS/EDGE

GPRS/EDGE

GPRS/EDGE technology provides a connection to the Mobile Phone Network that can be used for Web browsing, MMS messaging, or accessing your corporate network.

 **NOTE:** EDGE is an enhancement to GPRS technology and enables higher speed data connections than GPRS. This means faster phone multimedia capabilities such as sending and receiving SMS/MMS messages, and sharing video clips. Check with your service provider to see if they support EDGE technology. If your service provider does not support the EDGE network, the HP iPAQ defaults to GPRS.

Change GPRS network settings

The first time you use your SIM Card, the GSM/GPRS Manager automatically detects the phone network and operator and sets up the GPRS connection information for you. You can change these settings to your own preference or create your own network settings.

1. Tap **Start > Settings > Connections > Phone Data Manager**.
2. If your operator name displays in the drop-down list, it is recommended that you use that connection and, if needed, edit the default settings.

Edit network parameters

△ **CAUTION:** Editing Network Parameters is not recommended unless you are being assisted by your mobile phone service provider.

- ▲ Tap **Start > Settings > Connections > Phone Data Manager > Edit network parameters...**

Tapping **Edit network parameters...** gives you access to the following areas:

- **Internet Connection Information** – Walks you through the different settings for GPRS and Circuit Switched Data (CSD) connections.
- **MMS Multimedia Messages** – Allows you to modify the MMS address.
- **WAP Information** – Allows you to modify the IP Address and Port for the Wireless Access Point (WAP) Gateway.

Edit an Internet connection

1. Tap **Internet Connection Information**.
2. Tap the connection you want to edit, and then tap **Next**.
3. Enter a name for the connection such as the carrier name, and then tap **Next**.
4. Enter the following information and tap **Next**:
 - **APN** – Access Point Name of the server to which you are attempting to connect.
 - **Name** – Log on for your connection.
 - **Password** – Password for your connection.
5. Tap **Next**.
6. On the next screen, choose one of the following and tap **Next**:
 - **Dynamic Internet Protocol (IP) address**
 - **Static IP address**
7. On the next screen, choose one of the following and tap **Next**.
 - **Dynamic DNS addresses**
 - **Static DNS addresses**
8. Tap **Finished**.

Edit MMS multimedia messages settings

1. Tap **MMS Multimedia Messages**.
2. Under **Enter the MMS Center Address**, enter the URL where all MMS messages are sent for delivery by your mobile phone service network.
3. Enter the following information:
 - **APN** – Access Point Name of the MMS server being connected.
 - **Name** – Log on name for the MMS server.
 - **Password** – Password for the MMS server.
4. Tap **Next**.
5. Enter the IP address and the Port number for the WAP MMS Gateway and tap **Finished**.

Edit WAP information settings

1. Tap **WAP Information**.
2. Enter the IP address and the Port information for the WAP Gateway.
3. Tap **Next**.
4. Enter the IP address and the Port information for the secure WAP Gateway.
5. Tap **Finished**.

Troubleshoot automatic detection

If the automatic network detection fails, you can manually relaunch the application by tapping **Start > Settings > Connections > Phone Data Manager > Automatic detection...**

If the automatic detection setting fails, complete one or more of the following items:

- Check to see if the SIM card is present in the HP iPAQ. If it is not present, insert the SIM card and relaunch the application.
- Ensure that the metal contacts on your SIM card and your SIM slot are not covered with a residue or dust that would inhibit a connection.
- Select the appropriate country and operator name, and then tap **ok**. The settings automatically update.
- If your operator name does not appear in the drop-down list, you must manually add it to the list by tapping the down arrow in the Operator box and tapping **Create New**.

Advanced settings

Connect to intranet URLs

To connect to intranet sites that have periods in their URLs (for example, intranet.companyname.com), add them to the **Work URL Exceptions** list.

1. Tap **Start > Settings > Connections > Connections > Advanced > Exceptions...**
2. Tap **Add new URL...**
3. In **Work URL**, enter the intranet URL.

 **NOTE:** If you use many URLs that share the same root company name, you can avoid entering them individually by entering ***.companyname.com**.

Change an intranet URL

1. Tap **Start > Settings > Connections > Connections > Advanced > Exceptions**.
2. Tap the intranet URL exception you want to change, then make the required changes.

 **NOTE:** To delete a work URL exception, tap and hold it in the list, then tap **Delete**.

Set up an automatic choice for connections

If you have already created more than one connection, you can set up your HP iPAQ to connect to the best available connection automatically.

1. Tap **Start > Settings > Connections > Connections > Tasks**.
2. Under **My ISP** or **My Work Network**, tap **Add a new modem connection** to create a new connection.
3. After you create a new connection, under **My ISP** or **My Work Network**, tap **Manage existing connections**.
4. Tap **Auto pick**.

Set up proxy server settings

If you are connected to your Internet Service Provider (ISP) or private network during synchronization, your device should download proper proxy settings during synchronization from your computer. If these settings are not on your computer or need to be changed, you can change them manually.

Before you begin, obtain the following information from your ISP or network administrator:

- User name
- Password
- Proxy Server name
- Port
- Type of Socks protocol used

To set up proxy server settings:

1. Tap **Start > Settings > Connections > Connections > Tasks**.
2. If a proxy server has not been set up, tap **Set up my proxy server**, else tap **Edit my proxy server**.
3. Select the **This network connects to the Internet** and **This network uses a proxy server to connect to the Internet** check boxes.
4. In the **Proxy server** box, enter the proxy server name.
5. To change such settings as port number or proxy server type, tap **Advanced** and change the required settings.

Set up a WAP gateway

To access Wireless Access Point (WAP) sites through Internet Explorer, configure your device to use a WAP gateway.

Before you begin, obtain the following information from your ISP or network administrator:

- User name
 - Password
 - ISP server phone number
 - WAP gateway server name
 - Port number
1. Tap **Start > Settings > Connections > Connections > Advanced > Select Networks > Edit...** If a proxy server has not been set up, tap **New...**
 2. On the **Proxy Settings** tab, select the **This network connects to the Internet** and **This network uses a proxy server to connect to the Internet** check boxes.
 3. If necessary, in the **Proxy server** box, enter the proxy server name.
 4. Tap **Advanced > WAP**.
 5. In the **Server** box, enter the WAP gateway server name. Under **Port**, enter the port number. The most common WAP port number is 9201.
 6. Enter any logon credentials required by the WAP gateway server.

Configure advanced proxy settings

1. Tap **Start > Settings > Connections > Connections > Advanced > Select Networks > Edit...** If a proxy server has not been set up, tap **New...**
2. On the **Proxy Settings** tab, select the **This network connects to the Internet** and **This network uses a proxy server to connect to the Internet** check boxes.
3. If necessary, in the **Proxy server** box, enter the proxy server name.
4. For the appropriate server type, enter the proxy server name and port.
5. If necessary, enter the credentials for connecting with your proxy server.
6. Tap **Advanced > Socks**.
7. Select **Socks 4** or **Socks 5**. If using Socks 5, enter the credentials for connecting with your proxy server.

Advanced connection settings

1. Tap the  (iPAQ Wireless) icon.
2. Tap the  (WLAN) icon to turn on WLAN.
3. To connect to a network, tap **Start > Settings > Connections > Connections > Advanced > Select Networks**.
4. Select **My ISP** to connect to the Internet through an ISP or select **My Work Network** to connect to a company network. Select **My Work Network** if the network requires a proxy server. If you need to change or create a new network management name, tap **Edit...** or **New...**, and then tap **ok**.
5. From the **Connections** screen, tap **Advanced** to set up your Dialing Rules and Exceptions and tap **ok**.

Set up a VPN server connection

A VPN connection helps you to securely connect to servers, such as a corporate network, via the Internet.

Before you begin, obtain the following information from your network administrator:

- User name
- Password
- Domain name
- TCP/IP settings
- Host name or IP address of the VPN server

To set up a VPN server connection:

1. Tap **Start > Settings > Connections > Connections > Tasks**.
2. Under **My Work Network**, tap **Add a new VPN server connection** and follow the instructions in the New Connection wizard.
3. Under most circumstances, you should not change any advanced settings. However, you need to change advanced settings when:
 - The server to which you are connecting does not use dynamically-assigned addresses, and you need to enter your TCP/IP settings.
 - You need to change server DNS or WINS settings.If either of these circumstances applies, from the **My VPN** screen, tap **Advanced** and fill in the appropriate information. Tap **ok** to save the changes and return to the **My VPN** screen.
4. To view additional information for any screen in the wizard or while changing settings, tap **Help**.

Change a connection group name

Your device is already set up with two groups of connection settings: **My ISP** and **My Work Network**. You can also change the name of these groups. For example, if you put all of your corporate settings under **My Work Network Connections**, you can change the name to your company's name.

1. Tap **Start > Settings > Connections > Connections**.
2. Under **My ISP** or **My Work Network**, tap **Add a new modem connection** to create a new connection.
3. After you create a new connection, under **My ISP** or **My Work Network**, tap **Manage existing connections**.
4. Tap **General**.
5. Enter a name for the settings group and tap **ok**.

End a connection

It can be useful to end a connection when you are done using it. This frees resources on your HP iPAQ and can save connection charges.

- When connected via a modem or VPN, tap **Connections > Disconnect**.
- When connected via cable, detach your HP iPAQ from the cable.

- When connected via Bluetooth, tap **Start > Settings > Connections > Bluetooth > Bluetooth Manager > Active Connection**. Tap and hold the connection name, and then tap **Disconnect**.
- When connected via a network (Ethernet) card, remove the card from your HP iPAQ.

Configure VoIP

You can make voice calls using Voice over Internet Protocol (VoIP) and SIP-enabled Internet Protocol Private Branch Exchange (IP PBX) in addition to normal GSM calls. VoIP routes voice conversations using an IP-based network. VoIP to VoIP phone calls to any provider are typically free.

 **NOTE:** You need to configure the Wi-Fi settings before you can use VoIP.

To make calls using VoIP:

1. On the **Today** screen, tap **Internet Calling**, which is off by default.
2. On the **Internet** tab, change the setting from **Never** to any other available option in the **Internet Calling** list and tap **ok**.
3. On the **Today** screen, the **Internet Calling** status changes to **Not Available**.

 **NOTE:** **Not Available** status indicates that VoIP is turned on but not configured.

4. Configure your VoIP using **HP iPAQ Setup Assistant**.
5. Once the device is registered with the IP-PBX, the **Internet Calling** status changes to **Available** or **Selected**.

 **NOTE:** **Available** indicates that the phone has Wi-Fi access and is registered with the IP-PBX, but the next outgoing call will be over cellular. **Selected** indicates that the phone has Wi-Fi access, is registered with the IP-PBX, and that VoIP will be used for the next outgoing call.

6. Use the keypad to enter the number you want to dial and press the  (Answer/Send) key.

 **NOTE:** On the **Today** screen, if the status of **Internet Calling** is **No Service**, it indicates that your HP iPAQ did not register successfully with the IP PBX server.

To configure VoIP using HP iPAQ Setup Assistant:

1. Download and install the **HP iPAQ Setup Assistant** from the *Getting Started* CD before you begin the configuration.
2. Open **HP iPAQ Setup Assistant** and click **Manage Configuration > New**.
3. Click **VoIP** to configure the settings.
4. Enter the **username** and **password** for your SIP/VoIP account. Enter the **Domain** name and the **Service Provider**, if available.
5. Enter the SIP Server name or IP address as provided by your network administrator in **SIP Proxy** box.

 **NOTE:** Select **Register With SIP Proxy** check box if you want to use SIP Proxy as your SIP registrar. After you enter the **SIP Proxy**, you do not have to enter the **SIP Registrar** again.

6. Enter the **Voice mail Number** (optional) which is provided with your account.

17 GPS navigation

Google Maps

Google Maps is a free web mapping service application and technology provided by Google that powers many map-based services. This includes the Google Maps website, Google Ride Finder, and embedded maps on third-party websites. It offers street maps, a route planner, and an urban business locator for numerous countries around the world.

Install Google Maps

To install Google Maps using synchronizing software:

1. Download the required version from <http://amp.google.com/static/mptwd/glm/windows/>.
2. Connect your HP iPAQ to the computer using the synchronizing software.
3. Copy the file on your HP iPAQ.
4. Using the File Explorer on your device, locate the CAB and install it.

To install Google Maps using device browser:

1. Download the required version from <http://amp.google.com/static/mptwd/glm/windows/>.
2. Tap **Install** after downloading the file.

Launch and navigate Google Maps

To launch Google Maps:

1. Tap **Start > Programs > Google Maps**.
2. In the **Terms and Conditions** screen, tap **Accept**.
3. In the **About** screen, tap **ok**.

To navigate Google Maps:

1. Tap **Start > Programs > Google Maps**.
2. Tap **Menu > Directions...**
3. Enter your current location in the **From Location** box and destination in the **To Location** box.
4. Tap **ok** to start the search.

Uninstall Google Maps

To uninstall Google Maps:

1. Tap **Start > Settings > System > Remove Programs**.
2. Select **Google Maps** and tap **Remove**.
3. Tap **Done** button.

18 Applications

Enjoy with your HP iPAQ by listening to your favorite MP3 music using Windows Media Player. You can also record voice clips to be sent as an attachment to family and friends. Use MS Office applications to view presentations, spreadsheets, and documents.

HP applications

HP Help and Support

The **HP Help and Support** application increases visibility, accessibility, and usability of the existing help, support.

To access **HP Help and Support**:

1. Tap **Start > Programs > HP Help and Support**.
2. To view additional information, tap the appropriate HTML links.
 - **Serial and Model Numbers** – displays the product's serial number, model ID, product ID, and IMEI number.
 - **HP iPAQ Quick Tips** – launches the **HP iPAQ Tips** application.
 - **Help Topics** – launches the **Help Topics** screen.
 - **Customer Support** – launches the **Customer Support** application.
 - **System Details** – launches the **HP Asset Viewer** application.



NOTE: Tap **About** to view the application name, version number, and copyright information.

HP Voice Reply

HP Voice Reply allows you to reply to your e-mail messages using your own voice. You can use **HP Voice Reply** to reply to your e-mail messages or compose new e-mail. You can use this feature while either replying to all, replying to the sender, or forwarding a message. Use **HP Voice Reply** with your Outlook account as well as the POP3 and IMAP4 accounts from your HP iPAQ.

You can access HP Voice Reply in three different views:

- **List View** – While reviewing a list of messages in the Inbox.
- **Read View** – While reading a particular message from the list of messages in the Inbox.
- **Compose View** – While composing a new e-mail message, replying to an e-mail message, or forwarding an e-mail message.

To use HP Voice Reply:

1. When composing a new e-mail message or replying or forwarding a message, tap **Menu > HP Voice Reply** to select either of the following options:
 - **Reply to Sender** – To send your reply only to the recipient who initially sent you the e-mail message.
 - **Reply to All** – To send your reply to all the recipients of the initial e-mail message.
 - **Forward** – To forward the initial e-mail message with your reply to any recipient.
-
-  **NOTE:** The three submenu options: **Reply to Sender**, **Reply to All**, and **Forward** are available under the List and Read views.
-
2. Next, in the recording window, tap the  (Record) button to record your message.
 3. Tap the  (Stop) button when you finish recording your message. You can do one of the following after you finish recording:
 4. The recorded message is automatically attached to your e-mail.
 5. Enter any short text message if required. You can also make changes to the editable fields in the e-mail.
 6. Tap **Send** to send the message to the recipient.

HP iPAQ Setup Assistant

Use **HP iPAQ Setup Assistant** to simplify configuring settings on your HP iPAQ.

HP iPAQ Setup Assistant lets you save the settings on your computer. This can help you restore configuration settings on your HP iPAQ at any time. **HP iPAQ Setup Assistant** also allows you to perform a factory reset on your HP iPAQ and view detailed product information.

Using **HP iPAQ Setup Assistant**, you can manage multiple configurations and apply them quickly to your HP iPAQ. You can create a new configuration, modify existing settings, delete a selected configuration, or apply selected settings to your HP iPAQ.

Select the following tabs to configure your settings:

- **Owner Information** – Enter your identification information and notes to describe you and your HP iPAQ. This is helpful if you lose your HP iPAQ.
- **Wireless Network** – Wireless network settings describe the configuration needed to connect to your work, home, or other wireless network.
- **Proxy** – Proxy servers are located between two networks and are used to help prevent an attacker from invading a private network. You can enter proxy settings to specify the proxy configuration for your network.
- **E-mail** – E-mail settings describe the configuration required to connect to and check your Internet e-mail accounts.
- **Exchange Server** – Exchange Server is used to access e-mail, calendars, contacts, tasks, and other mailbox contents while on the go. You can set up Outlook on your HP iPAQ to synchronize directly with your organization's Exchange Server.
- **VoIP** – VoIP routes voice conversations using an IP-based network. VoIP to VoIP phone calls to any provider are typically free. SIP Proxy servers are used to implement call-routing policies and provide features to users.

- **Speed Dial** – **HP iPAQ Setup Assistant** helps you to create and manage a list of speed dial numbers for your HP iPAQ.



NOTE: The first speed dial entry is usually reserved for Voice mail by your phone service provider, and your service provider might also reserve an entry for emergency response.

- **Browser Favorite** – Use your **HP iPAQ Setup Assistant** to create and manage a list of your favorite URLs. You can access these URLs using the Internet Explorer on your HP iPAQ.
- **Finish** – In case of a new configuration, after you click **Finish**, enter a configuration name and an optional password, and then click **OK** in the save configuration. If this is an existing configuration, the existing name and password will be used.

HP iPAQ Shortcuts

Use HP iPAQ Shortcuts

Use **HP iPAQ Shortcuts** to access a list of shortcuts to your favorite applications or features on your HP iPAQ.

To use HP Shortcuts:

1. Tap **Start > Programs > HP Shortcuts**.
2. Scroll and tap to select the application you want to use.



NOTE: You can also access the **HP iPAQ Shortcuts** from the **Today** screen by pressing the left softkey.

Edit HP iPAQ Shortcuts

You can edit the default shortcuts list or create new shortcuts and store them in the existing list.

To edit a shortcut:

1. Scroll to the shortcut you want to edit in **HP iPAQ Shortcuts** list and tap **Menu > Edit**.
2. To change the default shortcuts to different applications, tap **Select new target**.
3. Select **Tasks, Programs, Web Links, or File** and tap **Select**.
4. Select an application for which you want to create a shortcut.
5. The selected application is shown in the **Shortcut Name** box. Tap **Save** to save the application shortcut in the shortcut list.



NOTE: To modify the name, specify a new name in the **Shortcut name** box and press **Save** to save the modified name.

HP iPAQ DataConnect

The first time you use your SIM Card, the **HP iPAQ DataConnect** application automatically detects the phone network and operator and, configures the GPRS/EDGE settings. You can also launch the application and manually select the operator.