



You must take additional steps to receive large messages and attachments, as described later in **Working with large messages and attachments**.

5.3 Receiving e-mail, MMS and SMS messages

You can receive MMS, e-mail and SMS messages through Inbox synchronization or by connecting to your e-mail server. You can then view all of the messages in your Inbox.

When you connect to the e-mail server or synchronize your Inbox with your desktop computer, only the first 0.5 KB of each new message are downloaded to Inbox on your phone by default. Only small attachments are downloaded and the original messages remain on the e-mail server or your desktop computer.

When you receive an e-mail message, the Smartphone plays a sound and displays an envelope icon at the top of the screen. By default, the Home screen also displays the number of unopened e-mail and SMS messages. To quickly view new messages, select the message notification area on the Home screen.

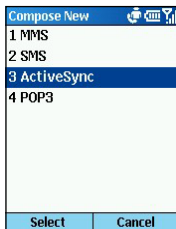
Working with the message list

Received messages are stored in the Inbox folder of the appropriate account. They are displayed in the Inbox message list.



1 To view the Inbox message list:

- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. Scroll right or left, **or press Menu then Accounts**, to switch to the account for which to view messages. The Inbox message list displays your received messages.



- 2 **To change message list display options:** By default, messages are displayed in the order received. You can change the order in which messages are displayed and show the date and time that messages were sent.
 - a. On the **Home** screen, select **Start** and then **Inbox**.
 - b. Select **Menu** and then **Options**.
 - c. Select **Display**.
 - d. Change the display options and select **Done**.

- 3 **To mark a message as Read or Unread:** Messages that you have read are displayed in normal type with an open envelope icon. Messages that you have not read are displayed in bold type with a closed-envelope icon. You can change the status of a message by marking it as Read or Unread.
 - a. On the **Home** screen, select **Start** and then **Inbox**.
 - b. Scroll to the message to mark.
 - d. Select **Menu**.
 - e. Select **Mark as Read** or **Mark as Unread**. The message display is changed to reflect its new status: normal text for read messages and bold text for unread messages. When you synchronize or send and receive e-mail, the message is displayed as Read or Unread in all locations.

Working with messages



in open messages by selecting them in the message list. Using Inbox menu commands, you can quickly reply to, forward, and delete messages.

1 To open a message:



- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. If necessary, scroll right or left to switch to the account you want.
- c. Select the message to open.
- d. To return to the message list, press the Back key.

To open the next message in the list from within an open message, scroll right; to open the previous message in the list, scroll left. To create a contact card for the sender, select **Menu** and then **Save Sender to Contacts**.

2 To specify the language for reading a message:

- a. From an open message, select **Menu** and then **Options**.
- b. In **E-mail message language**, scroll to the language.
- c. Select **Done**. The message is displayed using the appropriate characters for the selected language.

3 To reply to a message:

- a. From an open message, select **Menu** and then **Reply** or **Reply All**.
- b. Enter a message in the message area.
- c. Select **Send**. The message is stored in **Outbox** and sent to recipients the next time you synchronize or connect to your e-mail server. SMS messages are sent immediately.

4 To forward a message:

- a. From an open message, select **Menu** and then **Forward**.
- b. Select the account to use.
- c. In **To**, enter recipient e-mail addresses or SMS

numbers. Insert a semicolon (;) between multiple addresses or SMS numbers.

- d. Optionally, you can enter an introductory message by scrolling to the message area, pressing the **Action** key to insert a blank line, and entering your text.
- e. Select **Send**. SMS messages are sent immediately. E-mail messages are stored in **Outbox** and sent to recipients the next time you synchronize or connect to your e-mail server.

5 To delete a message:

- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. If necessary, scroll right or left to switch to the account in which to delete a message.
- c. Scroll to the message to delete.
- d. Select **Menu** and then **Delete**. For the ActiveSync account, the message is also deleted from Outlook on your desktop computer or Exchange Server the next time you synchronize.

Working with large messages and attachments

When you receive large e-mail messages and attachments, the Smartphone downloads only a portion of them. You can view the partial message or attachment and decide if you want to download the rest of it.

When you synchronize Inbox with your desktop computer or Exchange Server, the Smartphone downloads the first 0.5 KB of each new e-mail message by default. When you connect to an Internet e-mail server, it downloads the amount (in KB) of each new message that you specified when you set up the account. The message size includes its attachments. The original messages and attachments remain on the server or your desktop computer.



On messages received from a POP3 e-mail server, the attachment size is omitted.

In the message list, messages with an attachment display an envelope icon with a paperclip. Within a message, attachments are displayed as a list of hyperlinks at the bottom of the message, and are preceded by an attachment icon. The hyperlink includes the file name and size of the attachment.

The attachment icon has the following three states:

- Not downloaded
- Marked for download
- Downloaded



1 To download a complete e-mail message:

- a. On the **Home** screen, select **Start** and then **Inbox**.
- b. Scroll to the message to download.
- c. Select **Menu** and then **Mark for Download**. The complete message is retrieved the next time you synchronize or connect to your e-mail server and send and receive e-mail.

2 To download an attachment: In an open message with an attachment to download, select the attachment. The attachment is downloaded the next time you synchronize or connect to your e-mail server and send and receive e-mail. If there are multiple attachments in the message, all attachments are downloaded.

3 To view an attachment: In an open message containing a downloaded attachment, select the attachment. Note that you can view attachments only for file types that are supported by the Smartphone.

Accepting meeting requests

You can receive and respond to Outlook meeting requests on your Smartphone in a similar manner as you do in Outlook on your desktop computer:



1 On the Home screen, select Start and then Inbox.

- 2 If necessary, scroll right or left to switch to the **ActiveSync** account.
- 3 Select the meeting request and then respond to it as follows:
 - a. To accept the meeting request and insert the meeting into your calendar, select **Menu** and then **Accept**.
 - b. To decline the meeting request, select **Menu** and then **Decline**.
 - c. To tentatively accept the meeting request and insert a tentative meeting into your calendar, select **Menu** and then **Tentative**.

Your response is sent back to the meeting organizer the next time that you synchronize.



For more information about synchronizing, see *Chapter 7 Synchronizing information*.

5.4 Viewing your message folders

Each messaging account has a set of folders in which the Smartphone stores messages for that account. The default folders are:

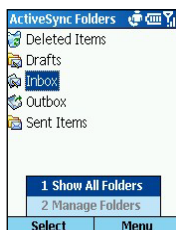
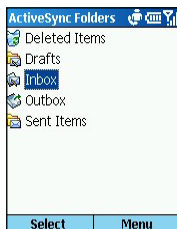
- **Deleted Items** contains messages that you delete until you empty this folder.
- **Drafts** contains messages that you save before sending.
- **Inbox** contains messages that you receive.
- **Outbox** for the ActiveSync account, contains sent e-mail messages until you synchronize. For e-mail accounts, contains sent e-mail messages until you connect to your e-mail server. SMS messages are sent immediately over the network and appear in your SMS Outbox folder only for

a few seconds.

- **Sent Items** contains copies of messages that you send.

If you want, you can move a message to a different folder within the same account.

When you synchronize or send and receive e-mail, the Smartphone synchronizes any additional e-mail folders that you have created in Outlook on your desktop computer or on your e-mail server. It also synchronizes the messages contained in those folders, if the folders are marked for synchronization.



Viewing message folder contents



- 1 On the **Home** screen, select **Start** and then **Inbox**.
- 2 Select **Menu** and then **Accounts/Folders**.
- 3 Scroll to the account for which to view the contents of a message folder.
- 4 Select **Folders** and then the folder to view. To view all ActiveSync folders, even those not marked to synchronize, select **Menu** and then **Show All Folders**.
- 5 To return to **Inbox**, press **Back**, select **Menu** and then **Accounts/Folders**.

- 6 Scroll to the account.



- 7 Select **Folders** and then **Inbox**.

Marking a folder for synchronization



- 1 You may synchronize **Inbox** with your desktop computer. This creates the same **ActiveSync** Inbox folders on your Smartphone as in Outlook on your desktop computer.

- 2 On the **Home** screen, select **Start** and then **Inbox**.

- 3 Select **Menu** and then **Accounts/Folders**.



- 4 Scroll to **ActiveSync** and then select **Folders**.

- 5 Select **Menu** and then **Manage Folders**.

- 6 Scroll to a folder to synchronize.

- 7 Select **Show** and then **Done**. The next time you synchronize, the folder(s) that you marked on your Smartphone are synchronized with the corresponding folders in Outlook on your desktop computer.

Moving a message to a different folder



- 1 On the **Home** screen, select **Start** and then **Inbox**.

- 2 If necessary, scroll right or left to switch to the account in which to move a message.

- 3 Scroll to the message to move.

- 4 Select **Menu** and then **Move**.
- 5 Select the folder into which to move the message.

You can move an open message in the same manner, by selecting **Menu** and then **Move**.

Emptying the Deleted Items folder



- 1 On the **Home** screen, select **Start** and then **Inbox**.
- 2 Select **Menu** and then **Accounts/Folders**.
- 3 If necessary, scroll right or left to switch to the account for which to empty the Deleted Items folder.
- 4 Select **Folders** and then **Deleted Items**.
- 5 Select **Menu** and then **Empty Folder**.

5.5 Managing your Inbox

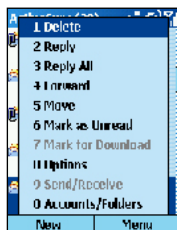
All MMS, e-mail and SMS messages are stored in your Inbox. By default, the most recently received messages are displayed at the top of the Inbox list. Using the menu options, you can customize your Inbox settings to control the way you send, receive, and view messages.



Using Inbox menu options

It is easy to accomplish common messaging tasks from your Inbox. Press the **New** soft key to compose a new message, or press the **Menu** soft key to forward, delete, and reply to messages, access Inbox options you can customize, and more.

To view Inbox menu options: On the **Home** screen, press the **Start** soft key, select **Inbox**, and then press the **Menu** soft key.



The following table lists Inbox menu options and their functions.

Inbox menu option	Function
Delete	Deletes the selected message.
Reply	Replies to an open or selected message.
Reply All	Replies to the sender and those who received a copy of the open or selected message
Forward	Forwards the selected m
Move	Enables you to move the open or selected message to another folder
Mark as Unread	Displays the header text of a message in your Inbox in bold, indicating that the message has not been read.
Mark as Read	Displays the header text of a message in your Inbox in lightface, indicating that the message has been read
Mark for Download	Retrieves the entire e-mail message from the e-mail server the next time you connect.
Options	Displays a list of Inbox options that you can customize (see the following table).
Send/Receive	Connects to your e-mail server to send and receive messages.
Accounts/ Folders	Displays all message folders.

Customizing Inbox options

You can optimize your Inbox for the way you work. For example, you can change the way your messages are displayed, specify how you want your messages to be sorted, specify the volume and limit the size of messages you want to automatically download, change your synchronization schedule, and more.



- 1 On the **Home** screen, press the **Start** soft key and then select **Inbox**.
- 2 Press the **Menu** soft key, and then select **Options**.
- 3 Select the option to customize.
- 4 Modify the settings to change, and press **Done**.

The following table lists the Inbox options and their functions.

Inbox menu option	Function
Display	Enables you to change the message information displayed in your inbox.
Sending	Enables you to specify whether you want to include an original copy of the message in your reply, save a copy of your sent message, or use Unicode for SMS messages.
Editing My Text	Enables you to edit the predefined text that you can insert in messages.
Signatures	Enables you to add a signature in messages.
Account Setup	Enables you to set up your accounts.
Import SIM Messages	Enables you to import SMS messages from a SIM card to your inbox. The messages are not removed from the SIM card after they are imported.

5.6 Instant messaging

You can use MSN Messenger on your Smartphone to send and receive instant messages. MSN Messenger on your Smartphone provides the same chat environment as MSN Messenger on your desktop computer. Features of this environment include:

- Sending and receiving instant messages.
- Seeing the status of others in your Messenger contacts list, or changing your own status (e.g., *available*, *busy*, *out to lunch*).
- Inviting other people to a chat conversation.
- Blocking contacts from seeing your status or sending you messages.

Setting up MSN Messenger

Before you can use MSN Messenger, you must take steps to set it up. First, you need either a **Microsoft .NET Passport** account or a **Hotmail** account. To set up a Microsoft .NET Passport account, go to: <http://www.passport.com>. Once you have this account, you need to do the following:

Create a connection on your Smartphone, such as a modem or wireless connection that allows you to connect to the Internet. For more information about creating connections, see 3.3 *Data connections*.

Using MSN Messenger

You can sign in to MSN Messenger using your Hotmail credentials or your .NET Passport:



1 To sign in to and sign out of MSN Messenger:

- a. On the **Home** screen, select **Start**.
- b. Select **MSN Messenger**.

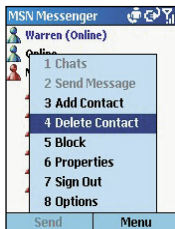
- c. Select **Sign In**.
- d. In **Sign-in Name**, enter the sign-in name that you use for Hotmail or your .NET Passport (Example: name_123@hotmail.com).
- e. In **Password**, enter your Hotmail or .NET Passport password.
- f. Select **Remember my password** if you don't want to enter your password again in the future.
- g. Select **Sign In**.
- h. To sign out, press the **Menu** soft key and select **Sign out**.



If you do not sign out of MSN Messenger, you will remain on a data connection. This may result in additional charges from your service provider.

2 To add an MSN Messenger contact:

- a. In the MSN Messenger contacts list, select **Menu** and then **Add Contact**.
- b. Add the **Hotmail** or **.NET Passport** sign-in name of a person with whom you want to chat. Their sign-in name is added to the contacts list.



3 To delete an MSN Messenger contact:

- In the MSN Messenger contacts list, select the contact.
- Select **Menu** and then **Delete Contact**.

4 To send an instant message:

- Sign in to **MSN Messenger**.
- Scroll to the contact with whom you want to chat.
- Select **Menu** and then **Send Message**.
- Enter your message and select **Send**. This starts a chat with the contact.



To quickly add common messages, select **Menu**, select **My Text**, and then select the text to use. To edit this text, select **Menu**, select **Options**, and then select **Edit My Text**. Select the text, make any edits, and then select **Done**.

5 To reply to an instant message:

- Select **Menu** and then **Chats**.
- Select the name of the person sending the instant message. The message displays, along with a box for your reply.
- Enter your reply and select **Send**.

If you want to be able to receive instant messages at any

time your Smartphone is connected to a network, select **Menu** and then **Options**. Select **Passport Account**, select **Run this program when connection is available**, and then select **Done**.

- 6 **To invite a contact to an ongoing chat:** From a chat, select **Menu**, select **Invite**, and then select a contact. The contact receives an instant message and can join the chat.
- 7 **To change between chats:**
 - a. Select **Menu** and then **Chats**.
 - b. In the list of ongoing chats, select the name of a contact with whom to chat.
- 8 **To return to the contacts list:** From a chat, select **Menu** and then **My Contacts**.
- 9 **To end a chat:** Select **Menu** and then **End Chat**.
- 10 **To see who is already chatting:** Select **Menu** and then **Chats**.
- 11 **To block or unblock an MSN Messenger contact:**
 - a. In the MSN Messenger contacts list, select the contact's name.
 - b. Select **Menu** and then **Block**. The contact will no longer be able to see your status or send you messages.
 - c. To unblock the contact, select **Menu** and then **Unblock**.
- 12 **To change your status:**
 - a. In the MSN Messenger contacts list, select your name.
 - b. Select a status description, such as **Away**. This status is displayed next to your name in the contact lists of your contacts.

13 To change your display name:

- a. In the MSN Messenger contacts list, select **Menu**.
- b. Select **Options** and then **Passport Account**.
- c. In **My display name**, enter your name as you want it to display in the contacts lists of your contacts.

Chapter 6

Contacts, Calendar, and Tasks

6.1 Using Contacts

6.2 Using Calendar

6.3 Using Tasks

6.4 Using Photo Contacts

6.1 Using Contacts

You can think of Contacts as an online address book, where you can store information about people and businesses you communicate with in contact cards. For example, you can store multiple phone numbers, e-mail and street addresses, Web pages, birthday, anniversary date, etc. You can use Contacts to dial phone numbers and compose e-mail and SMS messages directly from a contact card.

The Contact list

The Contacts list displays the names of your contacts alphabetically, along with an abbreviation for the default communication method, such as the person's work phone number (w) or home phone number (h). This makes it easy to reach the contact using the method you prefer.



If the contact card includes a work phone number, your phone will automatically set it as the default number.



- To access Contacts:** On the Home screen, press the Contacts soft key.



The following table shows possible abbreviations that might be displayed in the Contacts list and their meanings.

Abbreviation	Meaning
w	Work phone
w2	Second work phone
h	Home phone
h2	Second home phone
m	Mobile phone
pgr	Pager
car	Car phone
sms	SMS address
e	E-mail address
e2	Second e-mail address
e3	Third e-mail address
web	Web page

2 To call a contact using the default number:

- On the **Home** screen, select **Contacts**.
- Select the contact to call.
- Press the **Talk** button. The Smartphone dials the contact's default phone number. The abbreviation for this number appears to the right of the contact name.



If you have a long list of contacts and you don't see the contact you want to call on the first screen, enter the first few letters of the contact's name; the phone will search through the entire Contacts list and display the name.

- 3 **To call a contact using a number other than the default number:**
 - a. On the **Home** screen, select **Contacts**.
 - b. Select the contact, scroll right or left to display the abbreviation for the number you want to use, and then press the **Talk** button.
- 4 **To find a contact by entering a name:**
 - a. On the **Home** screen, select **Contacts**.
 - b. Begin entering the name of the contact to find until the name is displayed. For example, to find "Sandra," enter 7, 2, 6, 3, 7, 2 because these numbers correspond to the letters for that name.
- 5 **To filter contacts:**
 - a. On the **Home** screen, select **Contacts**.
 - b. Select **Menu** and then **Filter**.
 - c. Select a category to filter, such as Business, Miscellaneous, or Personal. The contacts assigned to the category you select are displayed in the list.
- 6 **To create a new contact:**
 - a. On the **Home** screen, press the **Contacts** soft key, and press the **New** soft key.
 - b. Enter information for the new contact.
 - c. Select **Done**.
- 7 **To delete a contact:**
 - a. On the **Home** screen, press the **Contacts** soft key.
 - b. Select the contact to delete, press the **Menu** soft key, select **Delete**, and then select **Yes** to confirm.

Contact cards

A contact card displays all of the information that you have entered for the contact, such as name of the person or business, phone numbers, e-mail addresses, and more. From a contact card, just select a phone number and press the Talk button to call the number. You can also select an e-mail address and press the Action button to begin composing a message to the contact.



1 To view and edit a contact card:

- a. On the **Home** screen, select **Contacts**.
- b. Select the contact whose card you want to view.
- c. To edit the card, select **Edit**.
- d. When finished making changes, select **Done**.



2 To call a contact from a contact card:

- a. On the **Home** screen, select **Contacts**.
- b. Select the contact, and press the **Action** button to open the contact card.
- c. Select the number to use, and press the **Talk** button.

3 To send an e-mail from a contact card:

- a. On the **Home** screen, select **Contacts**.
- b. Select the contact, and press the **Action** button to open the contact card.
- c. Select the e-mail address, and press the **Action** button.
- d. Select an account to use, and press the **Action** button.
- e. Enter a subject, compose your message, and then select **Send**.

SIM contact

SIM contacts are stored on your SIM card. When you insert your SIM card into a different device, you can view and

use the SIM contact information on the new device. Unlike regular contact cards, you can store only 1 phone number for each SIM contact.



To create a new SIM contact:

- 1 On the **Home** screen, select **Contacts** and then **Menu**.
- 2 Select **New SIM Contact**.
- 3 Enter the contact's name and phone number.
- 4 Select **Done**.



The new contact appears in your contact list. A SIM icon appears to the right of the name, indicating that the contact is stored on your SIM card.

Using contact card menu options

Using the contact card menu options, you can quickly apply a speed dial to the contact, beam the contact card to another mobile device or a desktop PC using infrared, etc.

To view contact card menu options: On the **Home** screen, select **Contacts** and then **Menu**.

The following table lists the contact card menu options and their functions.

Menu Options	Function
Add Speed Dial	Enables you to create a shortcut to a phone number, e-mail address, or Web URL by assigning one or two numbers as a speed dial.
Add Voice Tag	Enables you to create a shortcut to a phone number, e-mail address, or Web URL by assigning one or two numbers as a recording.
Set as Default	Makes the selected phone number or e-mail address the default communication method for the contact.
Beam Contact	Sends the contact card to another mobile device or a desktop PC using infrared.
Delete	Removes the contact card from the Contacts list
Edit	Enables you to modify information in the contact card.

6.2 Using Calendar

Calendar is the scheduling program on your Smartphone, where you can create and view appointments and view your calendar by day, week, or month. When you create and edit appointments in Calendar, your changes are reflected in Outlook on your desktop computer when you synchronize.

- 1 **To open Calendar:** On the **Home** screen, select **Start** and then **Calendar**.
- 2 **To create a new appointment:**
 - a. On the **Home** screen, select the **Start** soft key.
 - b. Select **Calendar**.
 - c. Select **Menu** and then **New**.
 - d. Enter information about the appointment.
 - e. In **Reminder**, scroll to the amount of time before the

appointment that you want to be reminded. If you don't want to be reminded, select **None**.

NEW

Subject:

Start date:

7/16/2003

Start time:

14:00

End date:

7/16/2003

Done Cancel

NEW

☐ All day event

Location:

Reminder:

15 minutes

Occurs:

Once

Status:

Done Cancel

When you create a new appointment on your Smartphone, you can synchronize Calendar with your desktop computer or Exchange Server to keep your schedule information up-to-date in all locations.



The default reminder time is **15 minutes** prior to an appointment. You can change this by selecting **Menu** and then **Options** from within Calendar.

3 To edit an appointment:

- On the **Home** screen, select **Start**.
- Select **Calendar**.
- Select the appointment, press the **Action** button and then select **Edit**.
- If the appointment is recurring, select **Yes** to edit only the current occurrence, or select **No** to edit the series.
- Make your changes and select **Done**.

4 To delete an appointment:

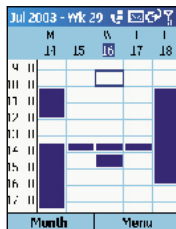
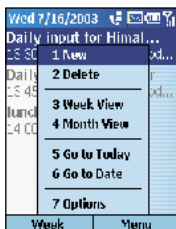
- On the **Home** screen, select **Start** and then **Calendar**.
- Scroll to the appointment to delete.
- Select **Menu** and then **Delete**.

- d. If the appointment is recurring, select **Yes** to delete only the current occurrence, or select **No** to delete the series.

Viewing your schedule

You can view your schedule in three different views: Agenda, Week, and Month.

- 1 **Agenda view:** Agenda view is the default view for calendar information. This view displays meetings and appointments scheduled for the current day. Appointments are shown in chronological order according to start time. All-day appointments are shown as a single line at the top of the Agenda view.



- a. **To view today's agenda:** You may select your upcoming appointments on the **Home** screen, or you may select **Menu** from **Week** or **Month** view in **Calendar**, and then **Go to Today**.

To view previous or approaching dates, scroll left or right.

- b. **To view your agenda for a specific date:** On the **Home** screen, select **Start**. Select **Calendar**. Select **Menu** and then **Go to Date**. Enter the date to view and select **Done**.
- 2 **Week view:** Week view shows your schedule a week at a time. Week view gives you a quick indication of your free

and busy time, and allows you to create an appointment at a selected time easily.

By default, Week view displays the hours from 9:00 A.M. to 5:00 P.M. in one-hour increments on the left side of the screen. You can scroll up or down to show the hours before or after those displayed.

To view appointments for the week: On the **Home** screen, select **Start**. Select **Calendar**. Select **Menu** and then **Week View**.

- 3 Month view:** Month view provides an overview of your schedule one month at a time. Arrows pointing upward represent morning appointments, and arrows pointing downward represent afternoon appointments. If you have both morning and afternoon appointments on the same day, the arrows form a colored box. All-day events are indicated by an empty box. If you have morning and afternoon appointments and an all-day event on the same day, an empty box surrounds a colored box.

To view appointments for the week: On the **Home** screen, select **Start**. Select **Calendar**. Select **Menu** and then **Month View**.

Customizing the calendar view

You can change viewing options for Calendar, such as specifying the first day of the week and the number of days per week to display, as well as showing and hiding week numbers.

- 1 On the Home screen, select **Start**.
- 2 Select **Calendar**.
- 3 Select **Menu** and then **Options**.

- 4 Scroll to select the options you want and select **Done**.

Importing calendar information

You can import calendar information from another calendar program that uses the iCal or vCal format. You can import calendar information from attachments in e-mail messages, SMS messages, and links in Microsoft^(R) Pocket Internet Explorer, or by beaming. When you import information and then synchronize, the information is added to Outlook on your desktop computer.

6.3 Using Tasks

A task is a personal or work-related project, assignment, or errand to track through completion. A task can occur once, or it can recur. A recurring task can repeat at regular intervals or repeat based on the date you mark the task complete. For example, you might want to pay a bill on the last Friday of every month, or get a haircut when one month has passed since your last haircut.

The task list

The task list is your "things to do" list. When you create or edit tasks with Outlook on your desktop computer and then synchronize with your Smartphone, additional task information may display.

A task that has been marked as high priority is preceded by an exclamation mark, and one marked as low priority by a down arrow. On color devices, overdue tasks are displayed bold and red.



If you synchronize tasks with your desktop computer, completed tasks are removed from your Smartphone during synchronization. They are then displayed in gray with a strikethrough on your desktop computer.

- 1 **To create a new task:** On the **Home** screen, select **Start**, **More** and then **Calendar**. Enter the task and press the **Action** key.
- 2 **To mark a task as Complete:** On the **Home** screen, select **Start**, **More** and then **Calendar**. Scroll to the task and select **Complete**.
- 3 **To change a completed task to incomplete:** On the **Home** screen, select **Start**, **More** and then **Calendar**. Scroll to the task and select **Activate**.
- 4 **To delete a task from the task list:** On the **Home** screen, select **Start**, **More** and then **Calendar**. Scroll to the task and select **Delete**.

Using voice notes

You can use Voice Notes to work with short voice recordings, or voice notes. Voice notes are included in the All Notes list and are named consecutively (Recording 1, Recording 2, and so on).

- 1 **To create a voice note:**
 - a. Hold the Smartphone microphone near your mouth.
 - b. Press the **Record** button, select the **Record** soft key, and speak your voice note.
 - c. Select **Stop** to stop recording a voice note. The voice note is recorded and appears in the All Notes list of Voice Notes.

To listen to a recording, select it in the All Notes list, select Menu, and then select Play.

- 2 **To rename a voice note:**
 - a. On the **Home** screen, select **Start**.
 - b. Select **More** and then **Voice Notes**.

- c. Scroll to the voice note to rename.
- d. Select **Menu** and then **Rename**.
- e. In **Name**, enter a new name.
- f. Select **Done**.

3 To delete a voice note:

- a. On the **Home** screen, select **Start**.
- b. Select **More** and then **Voice Notes**.
- c. Scroll to the voice note to delete.
- d. Select **Menu** and then **Delete**.
- e. Select **Yes**.



If you delete a voice note that has a default name, such as Voice Note 1, this name becomes available for a new voice note that you create. For example, if you have three voice notes, named Voice Note 1, Voice Note 2, and Voice Note 3, and you delete Voice Note 1, the next voice note you create will be named Voice Note 1.

Beaming information

You can use the Bluetooth or infrared port on your Smartphone to send and receive (beam) calendar appointments and contact cards between your Smartphone and another mobile device or a desktop computer that has Bluetooth or an infrared port and supports vCards and vCal. Alternatively. However, you can not beam SIM contacts.

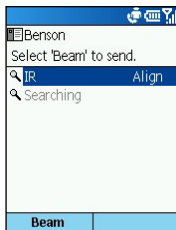
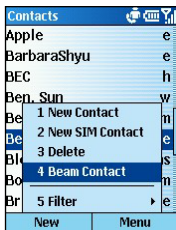
1 To beam a contact:

- a. On the **Home** screen, select **Contacts**.
- b. Select the contact to beam.
- c. Select **Menu** and then **Beam Contact**.
- d. Scroll to the device to which you want to beam.
- e. To beam by infrared, make sure that the infrared ports are unobstructed and within close range of each other.
- f. To beam by using Bluetooth, make sure that both

Bluetooth radios are turned on and that Bluetooth is discoverable on the receiving device.

g. Select **Beam**.

Status information will then be displayed, indicating the name of the device to which the Smartphone is beaming, and whether the beaming process is pending, finished, or has failed.



2 To beam an appointment:

- a. On the **Home** screen, select **Start**.
- b. Select **Calendar**.
- c. Select the appointment to beam.
- d. Select **Menu** and then **Beam Appointment**.
- e. Scroll to the device you want to beam to.
- f. To beam by infrared, make sure that the infrared ports are unobstructed and within close range of each other.
- g. To beam by using Bluetooth, make sure that both Bluetooth radios are turned on and that Bluetooth is discoverable on the receiving device.
- h. Select **Beam**.

Status information displays, indicating the name of the device to which the Smartphone is beaming, and whether the beaming process is pending, finished, or has failed.

3 To receive beamed information:

- a. On the **Home** screen, select **Start**.
- b. Select **Settings** and then **Beam**.
- c. Select **Receive incoming beams**.
- d. To receive by infrared, align the infrared ports so that they are unobstructed and within close range of each other.
- e. To receive by using Bluetooth, make sure your Bluetooth radio is turned on and in discoverable mode.
- f. Select **Yes** to receive the information.

Once you select **Receive incoming beams**, your device automatically receives beams until you clear this check box.



Your Smartphone can receive beamed files of any type, but you may need to copy some files to your desktop computer for viewing.

3.6 Photo Contacts

Photo Contacts makes using your Pocket PC more fun and practical than ever before. It allows you to assign still or animated photos to the entries in your **Contacts**. Then when a person calls you (for whom you have previously assigned a **photo ID** in **Contacts**), that **photo ID** will appear on your Pocket PC's incoming call screen. Use the rich set of features to get the photos displayed with the size, position, and animated **ID** template you want.

To activate Photo Contacts:



Press **Start**, **More**, then **Photo Contacts**.



Photo Contacts do not run automatically when you turn on your phone. You must turn them on.

To Check if Photo Contacts are loaded:

After you open Photo Contacts they will start to load.

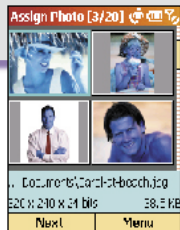
If you see  in the top toolbar, it indicates photo contacts are loaded.  indicates that they are not loaded yet and therefore an incoming call will not show the picture.

To create a new photo contact:

1. Press **Start, More**, then **Photo Contacts**.
2. Select a contact from the list, or create a new one by pressing **Menu** then **New**.

Contacts here fully mirror those in **Microsoft Contacts**.

3. Press **Assign Photo**.
4. Select a picture file, then press **Next** (to look in different folder for a picture press **Menu** then **Change Folder**) and **Done**.



To customize and adjust settings for a contact:

Select a picture, press **Next** - as described above - then press **Menu**. In this **Menu** you can:

- a. Change the assigned template by pressing **Next Template** or **Previous Template**.
- b. Change to photo only - no template - by pressing **Display Settings**, then **Use photo only**.

A few sample **Photo Contacts** templates (animated graphical templates that can frame your assigned photos) are included in your Smartphone's local storage in the **My**

Documents\Templates folder. For more templates go to
IA Style website <http://www.iastyle.com>



- c. Choose how you want the photo to fit to the window.
- d. Enlarge the photo if it is smaller than the window.
- e. If you disable the template option, then you can choose a size and position for the picture by pressing Change position.
- f. If you choose **Photo only**, then you can decide its size by pressing **Display Settings, Size**, then choosing a pixel size from the list.
- g. Choose to assign a different photo.

To assign a photo from the camera:

1. Press **Start, More**, then **Photo Contacts**.
2. Select a contact from the list, or create a new one.
3. Press **Assign Photo, Menu** then **New from Camera**.
4. After you take the picture, customize if necessary, then press Done.

To unassign a photo:

1. Press **Start, More**, then **Photo Contacts**.
2. Select a contact from the list, and open it.
3. Press **Menu**, then **Unassign Photo**.



To filter photos:

1. Press **Start, More**, then **Photo Contacts**.
2. Press **Menu, Filter**, then select from **No Filter**, **Contacts only**, **SIM only** and **Group**.

To change from Landscape to Portrait:

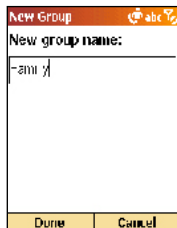
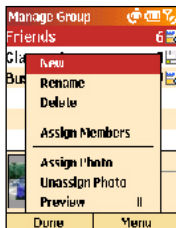
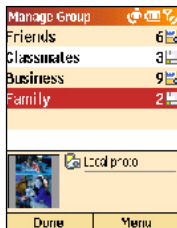
1. Press **Start, More**, then **Photo Contacts**.
2. Select a contact from the list, and press **Assign Photo**.
3. Press **Menu**, then select to display thumbnails as **Landscape** or **Portrait**.

Managing your groups

You can create a new group, rename, delete, and assign and unassign members and photos to a group

To assign a contact to a group:

1. Press **Start, More**, then **Photo Contacts**.
2. Press **Menu**, then **Manage Group**.
3. Select a group from the list, or press **Menu** to create a new group.
4. Press **Menu** again to **Assign Members**, **Rename**, **Delete** or **Assign Photo**.



Set Default Photos

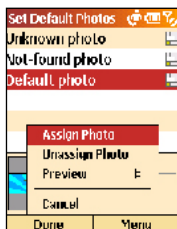
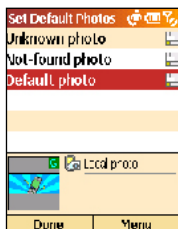
The **Set Default Photos** screen lets you assign, unassign, and preview default **Photo IDs** to appear for these three situations:

Unknown photo	This photo will display whenever the phone number of the incoming call is not known to Caller ID because no phone number was "passed in" to your Pocket PC. This would occur if the person calling you has blocked their phone number from being displayed to the receiver, or has not enabled the broadcast of their Caller ID .
Not-found photo	This option in the <i>Set Default Photos</i> screen lets you assign a generic Photo ID to any incoming call from a person whose number is not found in your Contacts . That is, the phone number of the incoming call is known, but has no matching entry in your Contacts .
Default photo	This photo will display when the incoming call is found to be from a matching entry in your Contacts database, but so far there is no individually-assigned Photo ID for either that individual Contact entry, or for the Group it belongs to.

To set Default Photos:

1. Press **Menu**, **Options** then **Set Default Photos**.
2. Select **Unknown photo**, **Not-found photo** or **Default photo**.

3. Select a picture, then assign settings.



Chapter 7

Synchronizing information

- 7.1 Understanding ActiveSync
- 7.2 Synchronizing with a desktop computer
- 7.3 Synchronizing with a server
- 7.4 Other synchronization information

7.1 Understanding ActiveSync

ActiveSync synchronizes information stored on your Smartphone with Microsoft Outlook information on your desktop computer or Microsoft Exchange Server. It also allows you to share files between your phone and your desktop computer.

When you synchronize, ActiveSync compares the information on your device with the information on your desktop computer and/or Exchange Server and updates all locations with the most recent information.

With ActiveSync, you can:

- Synchronize Inbox, Contacts, Calendar, and Tasks information on your phone with your desktop computer.
- Synchronize Inbox, Contacts, and Calendar on your phone with the Outlook information on a server running Microsoft Exchange Server so that you have the latest information, even when your desktop computer is turned off.
- Copy (rather than synchronize) files between your phone and your desktop computer.
- Synchronize on a schedule to control when synchronization occurs.
- Select which types of information are synchronized and specify how much information is synchronized. For example, you can choose how many weeks of past appointments to synchronize.



Using Server ActiveSync, you can synchronize information directly with a Microsoft Exchange Server if your company is running Microsoft Mobile Information Server.

7.2 Synchronizing with a desktop computer

Installing ActiveSync

Before you can synchronize information with a desktop computer, you must first install ActiveSync on your desktop computer and create a partnership between your Smartphone and your desktop computer.

You can install ActiveSync on the desktop computer from the Smartphone Companion CD. ActiveSync is already installed on your Smartphone.

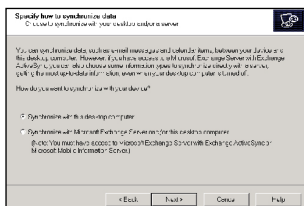
Creating a partnership

As soon as ActiveSync installation completes, the **New Partnership** wizard helps you set up a partnership between your Smartphone and your desktop computer.

When you finish using the wizard, the first synchronization begins automatically. When synchronization completes, you will notice that the information from your desktop computer that you selected now appears on your Smartphone.



Before you begin setting up ActiveSync, you should get the information you will need and connect the device to your computer by a serial, USB, or infrared connection.





To prevent synchronization problems, select **Synchronize with Microsoft Mobile Information Server and/or this desktop computer** in the New Partnership wizard only if you are certain that your company is running **Microsoft Mobile Information Server 2002 or later** and you know the server name. Otherwise, select **Synchronize with this desktop computer**. For more information, contact your network administrator or service provider.

Starting and stopping synchronization

The first synchronization begins automatically after you finish using the New Partnership wizard. From then on, you may start and stop the synchronization in the following way:



- 1 On the **Home** screen, select **Start** and then **ActiveSync**.
- 2 To start synchronization, select **Sync**.
- 3 To stop synchronizing, select **Stop**.

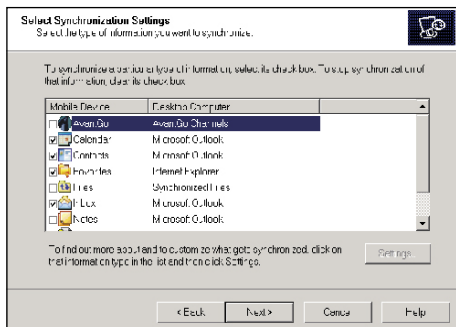
Deciding which information to synchronize

By default, ActiveSync does not automatically synchronize all types of Outlook information. You can use ActiveSync options to turn synchronization for specific information types on and off:



- 1 On your desktop computer, open the **Microsoft ActiveSync** program. Click on **Options**.
- 2 By default, **Calendar**, **Contacts**, **Tasks**, and **Inbox** are synchronized. Clear the check box for the item you do not want to synchronize.

- 3 To adjust the settings for a particular type of information, click on the type and then select **Settings**. For example, you may select which folders in Inbox to synchronize.



7.3 Synchronizing with a server

You can use the New Partnership wizard when you are first setting up a partnership with a desktop computer to synchronize with an Exchange server. In the New Partnership wizard, select **Synchronize with Microsoft Mobile Information Server and/or this desktop computer**, instead of **Synchronize with this desktop computer**.



If at some later time you want to synchronize with a server when the device is connected to the desktop computer, you must then configure ActiveSync on the desktop computer as described in "Synchronize with a server" in ActiveSync Help on the desktop computer.



1 To configure an Exchange Server connection:

- a. If the device is connected to your desktop computer, disconnect it. On the Smartphone **Home** screen, select **Start**.
- b. Select **ActiveSync**.
- c. Select **Menu** and then **Options**.
- d. Select **Server Settings**.
- e. Select **Connection**.
- f. In **User name**, enter your Microsoft Exchange user name.
- g. In **Password**, enter your Microsoft Exchange password.
- h. In **Domain**, enter the name of the domain of your Exchange server (if required).
- i. If you want the device to save your password so that you need not enter it when connecting, select **Save password**.
- j. If configuring a **Server Name**, enter name of your Exchange server.
- k. Select **Done**.



2 To change Exchange server synchronization settings:

- a. Before you change synchronization settings, disconnect the device from your desktop computer. On the Smartphone **Home** screen, select **Start**.
- b. Select **ActiveSync**.
- c. Select **Menu** and then **Options**.
- d. Select **Server Settings**.
- e. Select the synchronization settings to edit: **Calendar**, **Contacts**, or **Inbox**.
 - ♦ To start synchronizing Calendar, Contacts, or Inbox information, select **Sync [Information Type] with a server** on the appropriate synchronization settings page.
 - ♦ To stop synchronizing Calendar, Contacts, or Inbox information, clear the **Sync [Information Type] with a server** check box on the appropriate synchronization settings page.

- ♦ Change the amount of information to be synchronized.

Creating a synchronization schedule

You can create a schedule for automatically synchronizing information on your Smartphone with your desktop computer or with Microsoft Exchange Server. To set up a synchronization schedule with your desktop computer, you must use ActiveSync on the desktop computer. For instructions, see *Change desktop synchronization schedule* in ActiveSync Help on the desktop computer.

To set up a synchronization schedule with Exchange server, you must use ActiveSync on your Smartphone. You can schedule synchronization of your device on two separate schedules:

- **Peak times schedule:** To synchronize during working hours or other times you experience higher mail volumes.
- **Off-peak schedule:** To synchronize during times when you experience lower mail volumes. When you are roaming, you can synchronize manually to reduce roaming charges, or you can synchronize using the mobile schedules.



- 1 To edit schedule settings, your Smartphone must be disconnected from your desktop computer. On the Smartphone **Home** screen, select **Start**.
- 2 Select **ActiveSync**.
- 3 Select **Menu** and then **Options**.
- 4 Select **Mobile Schedule**.
 - a. Select how often to synchronize in the **Peak time sync** list.
 - b. Select how often to synchronize in the **Off-peak time sync** list.
 - c. Select whether or not to synchronize on a schedule in the **Roaming sync** list.
 - d. Select **Sync outgoing items as they are sent** to synchronize every time you send e-mail.
- 5 Select **Done**.

If you create a schedule for synchronizing while connected to a desktop computer as well as a schedule for synchronizing remotely (wirelessly), the Smartphone synchronizes according to both schedules.

Synchronizing Automatically

With ActiveSync you can schedule automatic synchronization between your device and a server every time an item arrives or is changed at the server. Your device is informed of that event and synchronizes automatically to retrieve those items, making your device always up-to-date. You must synchronize your device at least once (such as after creating a partnership) before you can see and change the settings for synchronization as items arrive.



You can synchronize as items arrive only if your company or service provider is running Microsoft Exchange Server with Exchange ActiveSync.



To set up a schedule to synchronize automatically:

- 1 On the Smartphone **Home** screen, select **Start**.
- 2 Select **ActiveSync**.
- 3 Select **Menu** and then **Options**.
- 4 Select **Mobile Schedule**.
- 5 Set **Peak time sync** and/or **Off-peak time sync** to **As items arrive**.
- 6 Select **Done**.



To set up the device address:

- 1 To edit settings on the Smartphone, disconnect it from your desktop computer. On the Smartphone **Home** screen, select **Start**.

- 2 Select **ActiveSync**.
- 3 Select **Menu** and then **Options**.
- 4 Select **Server Settings**.
 - a. Select **Connection**.
 - b. Scroll to **Address device using**.
 - c. Select the way you want your device to be notified when items arrive.
 - d. If you select **SMTP Address** (direct addressing), scroll to **Device SMS Address** and enter the address that identifies your device on the network. This is the same address that other Internet users use to send SMS messages to your device.
 - e. If you select **Service Provider** (a pre-defined addressing profile), scroll to **Service Provider Name**, and enter your device phone number, if necessary, in **Device Phone Number**.
- 5 Select **Done** twice.

7.4 Other synchronization information

Remote synchronization

Remote synchronization is when your device is synchronizing over a wireless connection instead of using a direct local connection to a desktop computer. Synchronizing remotely with your desktop computer may depend on your network configuration. For example, you may need to set up a virtual private network (VPN) connection to your network.

To synchronize remotely you need to set up a connection first. For information about setting up a connection, see 3.3 *Data Connections*. Then configure your phone as described in the following procedure:



- 1 On the **Home** screen, select **Start**.
- 2 Select **ActiveSync**.
- 3 Select **Menu** and then **Options**.
- 4 Select **PC Settings**.
- 5 In **Use**, scroll to the computer name.
- 6 Select or clear **Use mobile schedule to sync with this PC**.
- 7 Select or clear **Sync with this PC during manual sync**.
- 8 Select **Done**.



To synchronize remotely with a desktop computer, the desktop computer must be turned on.

Synchronizing Inbox

When you select Inbox for synchronization in ActiveSync, e-mail messages are synchronized as part of the general synchronization process. During synchronization, the following events occur:



- 1 Messages are copied from the Outlook Inbox folder on your desktop computer, or from Microsoft Exchange Server, to the Inbox folder on your Smartphone.
- 2 By default, when synchronizing Inbox information with your desktop computer or Microsoft Exchange Server, you receive only messages from the last 3 days and the first 500 bytes of each new message.
- 3 The messages on your Smartphone and on your desktop computer are linked. When you delete a message on your Smartphone, it is deleted from your desktop computer the next time you synchronize, and vice versa.
- 4 Messages in subfolders of other Outlook e-mail folders are synchronized only if the folders have been selected for synchronization in Inbox on your Smartphone.



SMS messages are not received in Inbox through synchronization. Instead, they are sent to your Smartphone by way of your service provider.

Synchronizing Calendar

When you select Calendar for synchronization in ActiveSync, by default Calendar items from the last 2 weeks are synchronized.

Calendar items created on your Smartphone are copied to your desktop computer and/or server during synchronization, and vice versa. Similarly, Calendar items that are deleted from your Smartphone are deleted from your desktop computer and/or server during synchronization, and vice versa.

Synchronizing Contacts

When you select Contacts for synchronization in ActiveSync, by default all of your contacts are synchronized.

Contacts created on your Smartphone are copied to your desktop computer and/or server during synchronization, and vice versa. Similarly, contacts that are deleted from your Smartphone are deleted from your desktop computer and/or server during synchronization, and vice versa.

Synchronizing Tasks

Task synchronization is automatically selected in ActiveSync. By default, all of your incomplete tasks are synchronized.

Tasks created on your Smartphone are copied to your desktop computer during synchronization, and vice versa. Similarly, tasks that are deleted from your Smartphone are deleted from your desktop computer during synchronization, and vice versa.



Tasks can be synchronized only with your desktop computer; they cannot be synchronized with a server running Microsoft Exchange Server.

ActiveSync error messages

If your information cannot be successfully synchronized, you will see an error message on your Smartphone. To view more information about the error, scroll to it and press the Action key.

Some errors interfere with automatic synchronization. If you suspect that a scheduled synchronization has not occurred, you should attempt to manually synchronize your information. Successfully completing manual synchronization resets automatic synchronization. For more information, see "Synchronizing Information" in ActiveSync Help on your desktop computer.

Chapter 8

Internet, entertainment and more

8.1 Internet Explorer

8.2 Media Player

8.3 Calculator

8.4 Modem link

8.5 Games

8.1 Internet Explorer

Using Pocket Internet Explorer (IE), you can browse the Web on your Smartphone. Pocket IE supports HTML (Hypertext Markup Language), cHTML (compact Hypertext Markup Language), and WAP (Wireless Application Protocol). It also supports JScript, ActiveX controls, and CSS (cascading style sheets). The browser supports images and sounds, but it does not support frames on a Web page.

Navigating in Pocket IE



- 1 **To open Internet Explorer:** On the **Home** screen, select **Start** and then **Internet Explorer**.
- 2 **To disconnect from the Internet:** Press the **End** key.
- 3 **To View a favorite:**
 - a. On the **Home** screen, select **Start**.
 - b. Select **Internet Explorer**.
 - c. If the Favorites list does not appear, select **Favorites**.
 - d. Scroll to a favorite and select **Go**.



- 4 **To go to a link:** Select the link. (Scroll vertically or horizontally to see all available links.)

5 To go to a Web page:

- a. On the **Home** screen, select **Start**.
- b. Select **Internet Explorer**.
- c. Select **Menu** and then **Address Bar**.
- d. Enter the Web address and select **Go**.

6 To return to a Web page you visited in the same session: On a Web page, press the **Back** key repeatedly until the page appears.**7 To view a list of recently-visited Web pages:**

- a. On the **Home** screen, select **Start**.
- b. Select **Internet Explorer**.
- c. Select **Menu** and then **Address Bar**.
- d. Select **View History**.
- e. To go to a Web page on the History list, scroll to the Web page address and select **Go**.



While you are connected to the Internet, you can change between Pocket Internet Explorer and other programs on your Smartphone by pressing the Home key and navigating to the program you want. This does not close your Internet connection. To return to the Web page you were viewing, press the **Back** key.



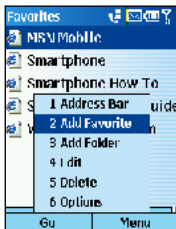
Using the Favorites list

If you see a Web page you want to visit another time, mark it as a favorite. The next time you want to visit that Web page, you can select it from your Favorites list.

1 To add a Web page to the Favorites list:



- a. On the **Home** screen, select **Start**.
- b. Select **Internet Explorer**.
- c. Select **Menu** and then **Add Favorite**.
- d. In **Name**, enter a name for the Web site.
- e. In **Address**, enter the Web page address.
- f. In **Folder**, scroll to select a folder for this favorite.
- g. Select **Add**.



2 To edit a favorite:

- a. On the **Home** screen, select **Start**.
- b. Select **Internet Explorer** and then **Favorites**.
- c. Scroll to the favorite to edit.
- d. Select **Menu** and then **Edit**.
- e. Make your changes and select **Done**.

3 To delete a favorite:

- a. On the **Home** screen, select **Start**.
- b. Select **Internet Explorer** and then **Favorites**.

- c. Scroll to the favorite to delete.
- d. Select **Menu** and then **Delete**.

4 To create a new folder in Favorites:

- a. On the **Home** screen, select **Start**.
- b. Select **Internet Explorer** and then **Favorites**.
- c. Select **Menu** and then **Add Folder**.
- d. In **Name**, enter a name for the folder.
- e. Select **Add**.



Refreshing Web pages

The Smartphone caches the Web pages that you view and stores them until the cache is full. It then replaces the oldest pages with new pages. If you go to a page that is cached on your Smartphone, you see the stored version unless you refresh the page to see the latest version.

- 1 On the **Home** screen, select **Start**.
- 2 Select **Internet Explorer**.
- 3 If you want to refresh a page other than the one displayed, in your **Favorites** or **History list**, scroll to the Web page and select **Go**.
- 4 Select **Menu** and then **Refresh**.

Customizing Pocket Internet Explorer

You can customize Web browsing options, change the network to connect to, and make more memory available on your Smartphone by clearing stored cookies and Web pages.

- 1 On the **Home** screen, select **Start**.
- 2 Select **Internet Explorer**.
- 3 Select **Menu** and then **Options**.

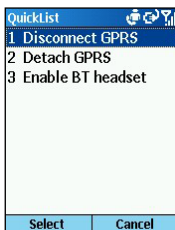
- 4 Select **General**.
- 5 Select the options you want, as described in the following table, and select **Done**.

IE options	Functions
General	Enables you to change the way Web pages are downloaded and displayed. For example, you can choose to omit displaying images, turn off sound, fit the Web page to the screen, request a warning before viewing unsecure Web pages, allow cookies, or change the language.
Connections	Enables you to change the network to connect to. For example, change from "The Internet" to "Work".
Memory	Enables you to clear temporary Internet files cookies, and your Web history.

Disconnecting from the Internet

To stop downloading something:

- a. On the **Home** screen, press and hold Home until the quick menu appears.
- b. Select **Disconnect GPRS**, then press **Select**.
- c. To reconnect press **Connect GPRS**, then **Select**.



8.2 Media Player

Using Windows Media Player 7.0 or later, you can play Windows Media audio and video files and MP3 audio files on your Smartphone. You can also copy digital music and video directly from your desktop computer to your Smartphone by using either Windows Media Player or Microsoft ActiveSync.

For more information about copying files by using Windows Media Player, see Media Player Help on your desktop computer. For more information about copying files by using ActiveSync, see ActiveSync Help on your desktop computer.

Playing files



1 To select and play a file:

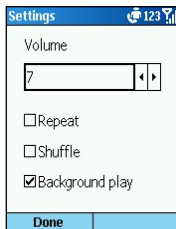
- a. On the **Home** screen, select **Start**.
- b. Select **More** and then **Windows Media**.

- c. Scroll to the file to play and select **Play**.



- 2 **To start and stop playing a file:** Press the **Action** key.
- 3 **To adjust the volume of a playing file:** Use the **Volume control** to increase or decrease the volume while a file is playing.
- 4 **To configure playback settings:**

- On the **Home** screen, select **Start**.
- Select **More** and then **Windows Media**.
- Select **Menu** and then **Settings**.
- In **Volume**, scroll to select the default volume: 0 is silent and 10 is maximum volume.
- To repeat files as soon as they finish playing, select **Repeat**.
- To randomly shuffle the files that play, select **Shuffle**.
- To play files while using another program, select **Background play**.
- Select **Done**.



- 5 **To skip to the beginning of the current file:** Press the left direction key.
- 6 **To skip to the beginning of the previous file in the Local Content list:** Press the left direction key twice quickly.
- 7 **To skip to the next file in the Local Content list:** Press the right direction key.
- 8 **To play a streaming media file on a network:**
 - a. On the **Home** screen, select **Start**.
 - b. Select **More** and then **Windows Media**.
 - c. Select **Menu** and then **Open URL**.
 - d. Enter the Web page address and select **Play**.



- 9 **To play files randomly:**
 - a. On the **Home** screen, select **Start**.
 - b. Select **More** and then **Windows Media**.
 - c. Select **Menu** and then **Settings**.
 - d. Select **Shuffle** and then **Done**.
- 10 **To play files repeatedly:**
 - a. On the **Home** screen, select **Start**.
 - b. Select **More** and then **Windows Media**.
 - c. Select **Menu** and then **Settings**.
 - d. Select **Repeat** and then **Done**.

11 To stop playback when using another program:

- a. On the **Home** screen, select **Start**.
- b. Select **More** and then **Windows Media**.
- c. Select **Menu** and then **Settings**.
- d. Select **Background play** and then **Done**.

12 To return to a Web page you visited in the same session: On a Web page, press the **Back** key repeatedly until the page appears.**13 To add a streaming media file to Favorites:**

- a. In **Windows Media**, select **Open URL** in **Menu**.
- b. Enter the Web page address. Select **Play**.
- c. Select **Menu** and then **Add to Favorites**.

14 To play a Favorite:

- a. In **Windows Media**, select **Menu**.
- b. Select **Favorites**.
- c. Scroll to a file, select **Menu** and then **Play**.

15 To delete a Favorite:

- a. In **Windows Media**, select **Menu**.
- b. Select **Favorites**.
- c. Scroll to a file, select **Menu** and then **Delete**.

Menu options when playing a file

While a file is playing, select **Menu** and then you may use the menu commands as described in the following table.

Options	Functions
Play/Stop	To play or stop playback of the current file.
Next	To skip to the next file or the current play list. This command is not available if the last file is the current selection.
Memory	To skip to the beginning of the current file on the current play list. If no file is playing, this command skips to the previous file on the current play list.
Open URL	To play a streaming media file on a network (for example, content streamed from an Internet radio station.)
Properties	To display information about the file that is playing
Settings	To display the Setting screen, from which you can adjust the volume and specify various playback options.
Add to Favorites	To add a file that is playing to Favorites.

Supported file formats

Media Player supports the following file formats.

Format	File name extensions
Windows Media	.asf, .asx, .wax, .wm, .wma, .wmv, .wmx, .wvx
Moving Picture	.mp3
Experts Group (MPEG)	

Supported audio and video codecs

Media Player can play files that have been compressed by using any of the following audio and video codecs.



1 Audio codecs:

- Microsoft Windows Media Audio codec version 2.0, 7.0, and 8.0
- Fraunhofer IIS-A MPEG-1 Audio Layer-3 codec

2 Video codecs:

- Microsoft Windows Media Video codec version 7.0 and 8.0
- Microsoft MPEG-4 video codec version 3.0
- ISO MPEG-4 video codec version 1.0

Understanding licenses

Some digital media content from the Internet, CD tracks, and videos have associated licenses that protect them from being unlawfully distributed or shared.

To ensure that the license is copied with the content, use the **Portable Device** (or Copy to CD or Device) feature in Windows Media Player 7.0 or later on your desktop computer to copy content to your Smartphone.



For more information about copying content to your Smartphone and other portable devices, see the Windows Media Player Help on your desktop computer.

8.3 Calculator

Calculator performs basic arithmetic, such as addition, subtraction, multiplication, and division.



1 To perform a calculation:

- a. On the **Home** screen, select **Start**.
- b. Select **More** and then **Accessories**.
- c. Select **Calculator**.
- d. Enter the first number of the formula by using the keypad.
- e. Select **Options** and then the type of calculation to perform: **Add**, **Subtract**, **Multiply**, **Divide**, or **Decimal Point**.
- f. Enter the second number of the formula.
- g. Select **Options** and then **Equals**.

2 To scroll through the available mathematical symbols: Press the **#** key.

3 To enter a decimal point: Press the ***** key.

4 To display the available mathematical symbols: Use the navigation stick. Press up for the plus sign (+), down for the minus sign (-), left for the division sign (/), and right for the multiplication sign (X).

5 Clear a displayed number or calculation: Select **Clear**.

6 Clear the last digit entered: Press the **Back** key.

8.4 Modem link

Using Modem Link, you can use your Smartphone as an external modem for another device or computer by using a serial port, infrared, bluetooth or USB connection

1 To set up an infrared or USB modem connection:



- a. Ensure that your Smartphone is not connected to another device.
- b. On the **Home** screen, select **Start**.
- c. Select **More** and then **Accessories**.
- d. Select **Modem Link**.
- e. In **Connection**, select **USB** or **IrCOMM**.
- f. Select **Menu** and then **Activate**.

2 To set up a serial port modem connection:

- a. Ensure that your Smartphone is not connected to another device.
- b. On the **Home** screen, select **Start**.
- c. Select **More** and then **Accessories**.
- d. Select **Modem Link**.
- e. In **Connection**, select **Serial (COM1)**.
- f. Select **Menu** and then **Activate**.



The default baud rate is set for 115,200. Do not change this default unless the port speed of the Smartphone or computer requires you to do so.

3 To activate the modem link:

- a. On the **Home** screen, select **Start**.
- b. Select **More** and then **Accessories**.
- c. Select **Modem Link**.
- d. Select **Menu** and then **Activate**.

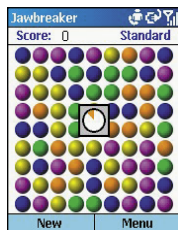
4 To deactivate the modem link:

- a. On the **Home** screen, select **Start**.
- b. Select **More** and then **Accessories**.
- c. Select **Modem Link**.
- d. Select **Menu** and then **Deactivate**.



Failing to deactivate the modem link when you are finished using it might result in problems with using ActiveSync in the same session.

8.5 Games



Jawbreaker

The object of Jawbreaker is to clear out all the balls. The rule is that you may only clear out adjacent same-colored balls. The score depends on the number of the balls you clear out at every move.



Score equation:

$$S = B * (B-1)$$

S: Score per move

B: Number of balls you clear out

For example, you score 30 points for clearing out 6 balls at one move.

1 To start a game of Jawbreaker:

- On the **Home** screen, select **Start**.
- Select **More**, select **Games**, and then select **Jawbreaker**.

2 To start a new game: In Jawbreaker, select the **New** soft key.

3 To score: Navigate to the ball you want to clear and press the navigation stick.

Solitaire

The object of Solitaire is to use all the cards in the deck to build up the four suit stacks in ascending order, beginning with the aces. You win the game when all cards are on the suit stacks.

- 1 **To start a game of Solitaire:**
 - a. On the **Home** screen, select **Start**.
 - b. Select **More**, select **Games**, and then select **Solitaire**.
- 2 **To start a new game:** In Solitaire, select the **Menu** soft key and then select **New Game**.
- 3 **To move cards:** A number or character is displayed above each card stack. On the keypad, press the number or character of the card to move, and then press the number or character of the stack to which you want to move the card.

Pressing the up direction key moves a card to one of the four stacks in the upper right corner of the screen if it belongs there. For example, if an ace appears in one of the lower stacks, press the number above it, and then press the Up direction key.

- 4 **To play Solitaire:**
 - a. Move any aces on the seven stacks to the four card spaces at the top of the screen, and then make any other available plays.
 - b. When you have made all available plays, press the **Draw** soft key to turn over cards.

The card that is face up on the deck is always available for play.

Appendix

Regulatory Notices

Specifications

Index

Regulatory Notices

Agency Identification Numbers

For regulatory identification purposes your product is assigned a model number **SV10A**.

The following accessories have been evaluated for use with your device. Their assigned model numbers listed below can identify these approved accessories. To ensure continued reliable and safe operation of your Smartphone, use only the accessories listed below with your **SV10A**.



This product is intended to be used with certified class 2, limited power source, rated 5 V dc, minimum 1A power supply unit.

European Union Notice

Products with CE marking comply with the R&TTE Directive (99/5/EC), the EMC Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms (in brackets are the equivalent international standards):



- EN 60950 (IEC 60950) - Safety of Information Technology Equipment
- ETSI EN 301 489-7 - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) for radio equipment and services; Paer 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio

telecommunications systems (GSM and DCS)

- ETSI EN 301 511 – Global System for Mobile communications (GSM); Harmonized standard for mobile stations in the GSM 900 and DCS 1800 bands covering essential requirements under article 3.2 of the R&TTE directive (1999/5/EC)
- ANSI/IEEE C.95.1-1992- specific absorption rate in mobile phone emission condition for body health
- FCC part 15 - Radio Frequency Devices and part 24 – Personal Communications Services
- EN 50360 - 2001– Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz – 3 GHz)
- SAR: 0.779mW/1g
- ETSI EN 301 489-1 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
- ETSI EN 301 489-17 Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems and 5 GHz high performance WLAN equipment
- ETSI EN 300 328 Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; data transmission equipment operating in the 2.4 GHz ISM band and using spread spectrum modulation techniques

Federal Communications Commission Notice

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. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or TV reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

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

Consult the dealer or an experienced radio or television technician for help.

Modifications

The FCC requires the user to be notified that any changes or modifications made to the device that are not expressly approved by High Tech Computer Corporation may void the Reference authority to operate the equipment.

Important Safety Information

Retain and follow all product safety and operating instructions. Observe all warnings on the product and in the operating instructions.

To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment observe the following precautions.

Safety Precautions for RF Exposure

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operation can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. (Body-worn measurements may differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only **High Tech Computer, Corp.** approved accessories. When carrying the phone while it is on, use the specific **High Tech Computer, Corp.**-supplied or approved carrying case, holster, or other body-worn accessory.



Use of non-**High Tech Computer, Corp.**-approved accessories may violate FCC RF exposure guidelines and should be avoided.

Heed service markings: Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside these compartments should be done by an authorized service technicians or provider.

Damage requiring service: Unplug the product from the electrical outlet and refer servicing to an authorized service technicians or provider under the following conditions:

Liquid has been spilled or an object has fallen into the product.

The product has been exposed to rain or water.

The product has been dropped or damaged.

There are noticeable signs of overheating.

The product does not operate normally when you follow the operating instructions.

Avoid hot areas: The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Avoid wet areas: Never use the product in a wet location.

Avoid pushing objects into product: Never push objects

of any kind into cabinet slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.

Mounting Accessories: Do not use the product on an unstable table, cart, stand, tripod, or bracket. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

Avoid unstable mounting: Do not place the product with an unstable base.

Use product with approved equipment: This product should be used only with personal computers and options identified as suitable for use with your equipment.

Adjust the volume: Turn down the volume before using headphones or other audio devices.

Cleaning: Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean an LCD screen.

Safety Precautions for Power Supply Unit

Use the correct external power source: A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

Handle battery packs carefully: This product contains a Lithium ion battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 60°C (140°F).

Exposure to Radio Frequency (RF) Signals

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by both U.S. and international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1-1992
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg *.

*In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in.



Your smartphone contains a lithium-ion battery pack. There is a risk of fire and burns if the battery pack is handled improperly. Do not disassemble, crush, puncture, short external contacts, or dispose of in fire or water. Do not attempt to open or service the battery pack. Replace only with the battery pack designated for this product. Dispose of batteries properly. Do not dispose with your regular trash.

Safety Precautions



SAFETY IN AIRCRAFT: This product can cause interference to an aircraft's navigation system and network. In most countries it is against the law to use this product on board an airplane.



ENVIRONMENTAL SAFETY: Do not use this product in gas stations, fuel stores, chemical plants and locations containing explosives.



ROAD SAFETY: Vehicle drivers in motion are not permitted to use handheld telephony services, except in emergency. In some countries, using hands-free devices as an alternative is allowed.



MEDICAL EQUIPMENT SAFETY: This product may cause medical equipment malfunction. In most hospitals or medical centers use of this product is forbidden.

Tips When Using



Avoid using the product near metal structures (for example, the steel frame of a building).



Avoid using the product near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.



Avoid using this product after a dramatic change in temperature.

Specifications

System Information

Processor	TI Perseus 1, 132 MHz
Memory - ROM	32MB (Standard)
- RAM	32MB (Standard) SDRAM
Operating System	Microsoft ® Pocket PC2003 phone edition

Display

Type	Transflective 2.2 inch TFT-LCD
Resolution	176 x 220 at 64K colors

GSM/GPRS Tri-Band Module

GSM900	880 ~ 915, 925 ~ 960 MHz
DCS1800	1710 ~ 1785, 1805 ~ 1880 MHz
DCS1900	1850 ~ 1910, 1930 ~ 1990 MHz

Expansion Slots

SD / MMC Slot	Supports SD and MMC, Input / Output
----------------------	-------------------------------------

Connection

Infrared	IrDA SIR
I/O port	22-pin individual port for signals (for USB, Serial, and power)

Audio Stereo headphone jack (2.5£r)

Bluetooth Class 2 transmit power

Controls and Lights

Navigation 5-way navigation pad

Buttons 2 Soft keys

Back

Home

Camera

2 phone function : Call, End

Volume control button (up, down)

Power on / off

One dialing keypad

Lights Event notification

Charge status

GSM/GPRS signals

Bluetooth connection

Audio

Microphone/Speaker Built-in microphone and 3-in-1 speaker

Headphone MP3 stereo

Power Supply

Battery 1,000mAh (typical) Lithium ion removable, rechargeable

Index

A

Accessibility 41
 ActiveSync 38,40
 alarm 42
 Album 40
 alert 41
 Ambience 39
 area codes 37
 Assign Members 89
 attachments 61

B

background 39
 backlight 42
 battery 44
 battery level 43
 beam 41,45
 Bluetooth 44
 bond 45

C

Calculator 108
 Caller ID 36
 Call Forwarding 36
 Call Waiting 36
 Camera 36
 Capturing 37
 Car 39
 Certificates 41
 Cool effects 39

currency formatting 43
 Image filename prefix 40

D

Default Photos 89
 Detailed view 41
 Dial-up 47
 display 43
 Display Settings 88

E

e-mail 52
 e-mail address 42

F

font size 41

G

Games 110
 Gamma 39
 GPRS 47
 Grayscale 39

H

Home screen 39
 Hue 39

I

image capture size 39

Inbox 66
 Inserting predefined text 54
 Inserting voice recordings 54
 Installing ActiveSync 89
 Instant messaging 69
 Internet Explorer 100

J

Jawbreaker 110

L

Landscape 89
 language 43
 light conditions 40
 Loud 38

M

Manage Group 89
 Media Player 104
 Meeting 38
 meeting requests 62
 message list 58
 Modem link 108
 MSN Messenger 69

multipress 41

O

open a message 59

Owner Information 42

P

password 43

phone lock 43

Photo Contacts 87

picture 37

PIN 45

Portrait 89

Power Management 42

Profiles 38

proxy connection 48

RRefreshing Web pages
103

Regional Settings 43

Remote synchronization
96

renaming 37

ring tones 36,37

rotating 41

S

screen background 36

screen resolution 40

Sepia 39

Setting up e-mail 50

SIM lock 43

Slide Show 42

Smartdial 41

SMS 52

Solitaire 110

Sounds 37

synchronization

schedule 93

Synchronizing Inbox
97**T**

Template 88

Thumbnails 41

time-out 41

time zone 42

V

video clip 37

VPN 47

W

White Balance 39

Z

Zooming 38