

# HP iPAQ hw6900 Mobile Messenger

## Frequently asked questions and answers

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These questions and answers are available for use with the press and external audiences but not in written form.

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Q . What is the new HP iPAQ hw6900 Mobile Messenger?

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The HP iPAQ hw6900 Mobile Messenger provides all the essentials to keep your business running when you are away from the office phone, e-mail, and more secure access to business-critical information. At the same time, let your HP iPAQ keep life fun using GPS Navigation3, the HP Photosmart Camera, and Microsoft Windows Media Player 10 Mobile to enjoy your digital music and videos.

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Q . Who is the target market for the HP iPAQ hw6900 Mobile Messenger?

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The HP iPAQ hw6900 Mobile Messenger is for mobile professionals who want a single device integrated with voice, data and wireless capabilities to fulfill their global business and personal communication needs.

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Q . What key features make this device stand out from the competition?

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The new HP iPAQ hw6900 Mobile Messenger integrates five wireless technologies into a single device – GSM/GPRS/EDGE, Wi-Fi, Bluetooth®, Infrared, and an integrated GPS receiver. With support for Microsoft Windows Mobile 5.0, Phone Edition with the Messaging and Security Feature Pack, customers can deploy a cost-effective push e-mail solution with strong security features for their users. This HP iPAQ uses wireless voice and high-speed EDGE and Wi-Fi data networking to meet global business and personal communication needs in one single, slim device. It has a built-in keyboard to easily compose email, notes, text, and instant messages.

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Q . Why select EDGE (Enhanced Data rates for Global Evolution) technology for the new HP iPAQ Mobile Messenger?

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Through EDGE technology, the new HP iPAQ is designed to deliver data at rates significantly faster than dial-up – up to 100-130 kilobits per second – enabling quick delivery of multimedia and other broadband applications. The device also automatically switches to a GPRS network when outside the range of an EDGE network offering a seamless mobile experience and widespread access to Internet-based content and data services worldwide.

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Q . What does GPRS (General Packet Radio Service) technology provide in the new HP iPAQ Mobile Messenger?

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GPRS technology offers broad high-speed connectivity while you're on the go, to access Internet-based content, email, and text messaging.<sup>1</sup>

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Q . What does GSM (Global System for Mobile) technology provide in the new HP iPAQ Mobile Messenger?

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GSM technology delivers high quality mobile voice<sup>3</sup> and data services (such as Short Messaging Service (SMS) and Multimedia Messaging Service (MMS) with roaming capabilities world-wide.<sup>1</sup>

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Q . Is the GSM/GPRS dual-band or tri-band?

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It's actually QUAD-band. This international GSM phone supports 850, 900,1800,1900 MHz.

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Q . What are the voice capabilities on the HP iPAQ hw6900 Mobile Messenger?

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Communicate by voice<sup>3</sup> with colleagues just as you would with a regular mobile phone, using the integrated speaker and microphone. You can also use a wired voice headset or a Bluetooth wireless headset to talk while using your hands elsewhere. The built-in speakerphone enables phone conversations within a small group of people.

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Q . Is this a Smartphone operating system based product?

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No, this new model will have Microsoft Windows Mobile 5.0, Phone Edition with the Messaging and Security Feature Pack.

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Q . What is Short Messaging Service (SMS)?

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SMS messages or Text Messaging<sup>1</sup> is a quick, easy and discrete way to communicate by sending text messages between SMS capable devices. When you can't talk – just send a SMS message.

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Q . What is Multimedia Messaging Service (MMS)?

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MMS messaging or Picture and Video Messaging is the ability to send messages comprised of a combination of text, sounds, images and video to other MMS capable devices. Capture and share moments as they happen with the built-in 1.3MP HP Photosmart Camera and MMS messages.

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Q . What is Instant Messaging?

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Instant messages are short messages exchanged in real time using familiar screen names or IDs. You can see who is online and available to chat, busy and offline

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allowing you to communicate in real time.

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Q . What is Microsoft® Exchange 2003?

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Microsoft® Exchange Server 2003 can be setup to synchronize your Outlook inbox, calendar, and contacts with your HP iPAQ so you can remotely check your appointments and other important information. When ActiveSync is enabled you have the flexibility to sync and receive information when you need it by using either push email (via SMS) or a scheduled pull from the Exchange server.

By upgrading to Microsoft Exchange Server 2003 with Service Pack 2, the hw6900 can synchronize your Outlook e-mail, calendar, contacts, and tasks in real time using Direct Push Technology.

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Q . How do I get my corporate email sent wirelessly to the iPAQ hw6900 Mobile Messenger?

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Unlike other devices on the market that lock you into one particular mobile email solution, the HP iPAQ Mobile Messenger can support many different solutions depending on your needs. For instance, the Server ActiveSync capabilities included with Microsoft Exchange 2003 can deliver an excellent user experience with full, continuous and secure over-the-air sync of Inbox, Calendar and Contacts. There is no additional charge for software once you have Exchange 2003 in place and there is no software to deploy since support is built into the Windows Mobile operating system. By upgrading to Microsoft Exchange Server 2003 with Service Pack 2, customers can also sync Tasks, access contact information on their company's Global Address List, take advantage of stronger security policies, and more importantly receive e-mails in real-time using Microsoft's Direct Push Technology.

For customers who choose not to deploy Exchange 2003, HP recommends the Good Technology GoodLink solution. GoodLink and the HP iPAQ hw6900 deliver a true "push" solution for email, calendar, contacts, tasks, and notes for Exchange customers. In addition, other solutions like those from Rogers using VES (Visto Enterprise Server) or Rogers MyMail for SMB segment.

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Q . Is the HP iPAQ hw6900 Mobile Messenger similar to a BlackBerry™ Wireless Email Solution from Research in Motion?

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The HP iPAQ hw6900 Mobile Messenger delivers an outstanding mobile messaging experience. It supports a variety of true "push" solutions for email, calendar, contact and much more. It can also be used for SMS, MMS or MSN instant messaging. It is the only device on the market that delivers this level of messaging capability along with the ability to talk on the phone<sup>3</sup>, connect via Wi-Fi, use GPS-based navigation solutions and take pictures of the scenery as you pass by(camera on select models only). Pretty impressive.

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Q . What are the key features from the HP iPAQ family that will continue in the HP iPAQ hw6900 Mobile Messenger?

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As with many previous HP iPAQ products, the hw6900 includes an integrated miniSD slot, removable/rechargeable batteries, transfective screen technology, integrated Bluetooth®, Serial IR, built-in HP Photosmart camera (select models) and integrated microphone and speaker for built-in voice functionality.

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Q . Are there any consumer-like features in the HP iPAQ hw6900 Mobile Messenger?

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GPS Navigation gives you driving directions at your fingertips to get you where you

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want to go.<sup>3</sup> GPS navigation solutions include software and maps that are customized for your part of the world.<sup>3</sup> Combining the built-in GPS receiver and HP Photosmart Camera, you can attach a GPS location to photos right when you take them.

With the built-in HP Photosmart Camera take a photo and share it wirelessly from your HP iPAQ. 1.3 MP resolution provides ready-to-print photos. Capture moments with photos or recorded video clips. Share photos using e-mail, MMS, or your favorite photo sharing website. With HP Photosmart Mobile Software, use your HP iPAQ as a digital photo album that's always with you, to view and share your photos in high-quality color.

Windows Media Player 10 Mobile lets you download and enjoy MP3s and videos, as well as, access streaming audio, video and Internet radio.

Fill downtime with Solitaire or Bubble Breaker; or purchase other Windows Mobile game titles that match your interests.

## GPS

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Q . What does integrated GPS technology provide in the new HP iPAQ Mobile Messenger?

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The built-in GPS receiver with HP iPAQ Quick GPS<sup>8</sup> Connection Utility provides the user with the ability to add navigation software that will provide driving directions at your fingertips to get where you need to go. A variety of GPS Navigation solutions and maps are available around the world, such as Microsoft Pocket Streets, HP Navigation Maps and Software powered by Navteq, and GPS Navigation powered by TomTom.

In addition, combining the built-in GPS receiver and HP Photosmart Camera, you can attach a GPS location to photos right when you take them. Then, use HP Photosmart Mobile Software on your HP iPAQ to view the location where your photos were taken using MapQuest. And, with HP Photosmart Premier Software, you can organize and search for photos on your PC based on their location and view where they were taken on a map.

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Q . How do I purchase a full set of maps to use with the TomTom GPS Navigation application?

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Full maps for North America are available for purchase at [www.hp.com/go/gpsnavigation](http://www.hp.com/go/gpsnavigation).

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Q . If I purchase a Mobile Messenger in the Far East what GPS solutions are available?

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In the Far East MapKing, Whereis Navigator, and PaPaGO solutions are available.

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Q . How Do I Know What GPS Software to Use With My HP iPAQ?

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If you are interested in purchasing additional GPS navigation software to use on your HP iPAQ, check with the GPS software supplier (before you purchase, download, or install any GPS navigation software) to determine that the application is compatible with your specific HP iPAQ model.

Once you have verified compatibility, purchase and install a map onto the HP iPAQ or memory card to be able to start using the GPS navigation technology. For GPS navigation solutions recommended by HP, visit [www.tomtom.com/gpsnavigation](http://www.tomtom.com/gpsnavigation) or [www.navteq.com](http://www.navteq.com)

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Q . How Do I Set Up GPS on My HP iPAQ?

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If you have purchased a Global Positioning System (GPS) enabled HP iPAQ, follow the setup instructions in the printed guide that ships with your product until you complete creating a partnership with your personal computer.

- Set up the HP iPAQ.
- Verify you have Internet access on your HP iPAQ by visiting a web site such as [www.google.com](http://www.google.com) or [www.yahoo.com](http://www.yahoo.com). If necessary, cradle your HP iPAQ, and then try to access the Internet again.
- Verify the correct date and time on your HP iPAQ.
- Download the Quick GPS Connection Data File.

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Q . How Do I Turn GPS On and Off on My HP iPAQ?

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If your GPS enabled HP iPAQ is using TomTom GPS navigation software, GPS automatically turns on and begins searching for satellites when you launch the GPS navigation software. When you close the GPS navigation software, GPS turns off. To open the TomTom GPS navigation software:

- Tap Start > Programs > GPS Navigation

If your GPS enabled HP iPAQ is using Microsoft Pocket Streets GPS navigation software, open Microsoft Pocket Streets, then select Menu > GPS > Start, to turn on GPS. When you close Microsoft Pocket Streets using the X, GPS does not get turned off. You must select Menu > GPS > Stop to turn the GPS receiver off.

NOTE: The Microsoft Pocket Streets GPS navigation software is pre-installed on your HP iPAQ. You need to download the Microsoft Pocket Streets maps to your HP iPAQ before you use the GPS software. Visit [www.microsoft.com/pocketstreets](http://www.microsoft.com/pocketstreets) and select Download Maps to download the maps to your personal computer (PC) and then to your HP iPAQ.

If your GPS enabled HP iPAQ is using HP iPAQ Navigation software, GPS automatically turns on and begins searching for satellites when you launch the GPS navigation software. When you close the GPS navigation software, GPS turns off. To open HP iPAQ Navigation Maps and Software:

- Tap Start > Programs > iPAQ Navigation System

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Q . How Do I Download GPS Software and Maps to My HP iPAQ?

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All HP iPAQ Global Positioning System (GPS) enabled devices come with HP iPAQ compatible GPS navigation software solutions. Depending on the region of the world where you purchase your device, solutions are either pre-installed on the device, downloaded from the Internet, or installed using CDs. Use the following table as a guide to understand which solution(s) you have on your specific HP iPAQ model:

United States and Canada regions

Microsoft Pocket Streets GPS navigation software comes pre-installed on the device. Download the maps from [www.microsoft.com/pocketstreets](http://www.microsoft.com/pocketstreets). HP iPAQ Navigation Maps and Software CDs are provided in the documentation box.

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### Europe, Middle East and Africa

TomTom GPS navigation software comes pre-installed on the device. Download one free city map by following the on-screen instructions on your HP iPAQ.

### Asia Pacific and Japan

Map King, Papago, and Whereis Navigator GPS navigation software bundles do not come pre-installed on the device. Refer to the documentation that ships with your device for instructions on downloading the software and maps.

#### Note:

It is recommended that you download all GPS maps to a memory card that is compatible with your specific HP iPAQ model, or to an iPAQ File Store folder (if your model provides one). This prevents you from losing your map data due to a possible power loss or a need to perform a clean reset on the HP iPAQ. Since your HP iPAQ model is using Windows Mobile 5.0, the maps can be stored in main memory which does not get erased if the battery loses power.

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#### Q . What if My GPS Application is Not Working with the HP iPAQ's GPS Receiver?

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The Windows Mobile 5.0 operating system automatically manages access to the HP iPAQ GPS receiver to allow multiple programs to simultaneously access GPS data.

If your GPS enabled HP iPAQ does not automatically discover the GPS receiver on your device, set your GPS application's configuration settings to COM8 and a baud rate of 57600. If you need help, refer to the documentation that came with your GPS software application.

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#### Q . How Do I Configure My GPS Software to Connect to My HP iPAQ's GPS Receiver?

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All GPS software applications need to know which communications port to use to access GPS data. Your HP iPAQ already has the GPS port specified for the GPS software applications that came with the device. However, if you install additional GPS applications onto your HP iPAQ GPS enabled device, you may need to specify the GPS port in your GPS application's configuration settings.

If your GPS software does not automatically discover the GPS receiver on your HP iPAQ, set your GPS application's configuration settings to COM8 and a baud rate of 57600. If you need help, refer to the documentation that came with your GPS software application.

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#### Q . What COM Port Does My HP iPAQ GPS Receiver Use?

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The GPS receiver on your HP iPAQ is set to COM8 and a baud rate of 57600.

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#### Q . What is My HP iPAQ's Embedded Receiver?

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The GPS receiver in your HP iPAQ is the GL20000 from Global Locate and is software upgradeable. The GL20000 is a high sensitivity GPS receiver with Quick GPS Connection technology, so under normal use there is no need for an external antenna.

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Q . How Do I Improve a Slow GPS Connection Experience When Using My HP iPAQ?

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To improve GPS connection performance on HP iPAQ GPS enabled device(s), you need to download the latest HP iPAQ Quick GPS Connection data file and check if the HP iPAQ Quick GPS Connection Utility is enabled so you can receive automatic updates.

Even though GPS on your HP iPAQ is able to connect to the GPS satellites without enabling the Quick GPS Connection Utility, it may take a few minutes longer and even up to five minutes to locate the satellites if you do not use this utility. Depending on your HP iPAQ model, the default settings on the HP iPAQ Quick GPS Connection Utility can be set where the device cannot receive automatic updates unless you enable the update feature.

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Q . How Do I Prevent Losing the HP iPAQ GPS Signal While in My Car?

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GPS performance on the HP iPAQ may be affected if the vehicle has thermal glass windows and windshields, which can block the HP iPAQ from receiving a GPS signal from satellites.

To improve GPS signal strength, place the HP iPAQ where there is a clear view of the sky or on the dashboard of a vehicle that does not have thermal glass windshields. A direct line of sight is required between the HP iPAQ and the GPS satellites to access information from the satellites.

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Q . What Do I Do if I Lose a Map Due to a Clean Reset on My HP iPAQ?

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Note:

It is recommended that you download all GPS maps to a memory card that is compatible with your specific HP iPAQ model, or to an iPAQ File Store folder (if your model provides one). This prevents you from losing your map data due to a possible power loss or a need to perform a clean reset on the HP iPAQ. Since your HP iPAQ model is using Windows Mobile 5.0, you can store maps in main memory that is not erased if the battery loses power.

If you have an HP iPAQ with GPS navigation powered by TomTom and lose a map due to a hard reset, you can download the same map to your HP iPAQ without any charge. Otherwise, you can use your voucher code for a discount on purchasing full map sets of your region and others at [www.tomtom.com/gpsnavigation](http://www.tomtom.com/gpsnavigation).

If you do not have an HP iPAQ with GPS navigation powered by TomTom, refer to the documentation (or CDs) that ships with your product or visit the website of your GPS navigation software solution.

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Q . How Do I Improve the GPS Signal on My HP iPAQ?

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To improve the satellite signal to the GPS enabled HP iPAQ, go outdoors to start the GPS navigation software. Place the HP iPAQ where there is a clear view of the sky or on the dashboard of a vehicle that does not have thermal glass windshields or windows.

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Note: Interference might take place close to tall buildings or large trees, and under very cloudy or overcast skies, all of which can block the satellite signal from reaching the HP iPAQ. Try to avoid these obstructions before using GPS

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Q . What if I am Using GPS on My HP iPAQ and I Receive a Phone Call?

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If you receive a phone call while using your HP iPAQ GPS navigation software powered by TomTom:

- Answer the call by pressing the Answer/Send button.
- Once you end the call, press the End Call button to resume the audio on the GPS software.

Note: Anytime you are using GPS on your HP iPAQ and you receive a phone call, the audio on the GPS navigation software powered by TomTom is muted until you finish the call.

If you do not have an HP iPAQ with GPS navigation powered by TomTom, refer to the documentation (or CDs) that ship with your product or visit the website of your GPS navigation software solution for more information on answering a call while using GPS.

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Q . What are the benefits of Microsoft® Windows Mobile™ 5.0 operating system and software?

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Microsoft® Windows Mobile™ 5.0 operating system makes your HP iPAQ easier than ever to use with the following features:

Persistent storage helps prevent loss of data when battery power is lost. In addition, overall device efficiency has improved, yielding more battery life.

With enhanced features in Word Mobile and Excel Mobile, and the addition of PowerPoint Mobile, almost anywhere can now be a mobile office.

ActiveSync® 4.1 support offers new features such as the ability to sync pictures in contacts and wirelessly sync over Bluetooth®, as well as an improved partnership wizard allowing for an improved overall synchronization experience.

The addition of soft keys, which change their function depending on the current application and activity, provides stylus-free and one-handed navigation on the device.

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Q . What version of ActiveSync works with Microsoft® Windows Mobile™ 5.0?

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You must use the latest version of ActiveSync (4.1 or later) with Microsoft Windows Mobile™ 5.0. ActiveSync 4.1 is included on your Getting Started CD or you can download ActiveSync 4.1 from the Microsoft website at [www.microsoft.com/pocketpc](http://www.microsoft.com/pocketpc).

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Q . Are all of my accessories (SD Cards, software programs) compatible with Microsoft®

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## Windows Mobile™ 5.0, Phone Edition?

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Many accessories and software have already been updated to work with the HP iPAQ hw6900. Before purchasing or downloading software for the hw6900, check with the supplier to confirm that the application supports the 240 x 240 screen resolution and that it can run on Windows Mobile 5.0. If you have trouble with a third-party software or accessory, check the third-party's website for a driver update.

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## Bluetooth®

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### Q . What is Bluetooth®?

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Bluetooth is a short-range wireless<sup>1</sup> technology that allows wireless connection between other Bluetooth devices without requiring cables. For example, you can connect your HP iPAQ Mobile Messenger to a Bluetooth headset, stereo headphones, a notebook computer, or a printer without a connecting cable. Bluetooth technology redefines the very way we experience connectivity.

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### Q . What can I do with Bluetooth?

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With Bluetooth you can communicate wirelessly with other Bluetooth devices:

- Use a Bluetooth headset for handsfree and wire-free voice communication
  - Bluetooth stereo headphones provide a high-quality music experience without wires
  - Utilize your vehicle's microphone and speakers for mobile phone calls by connecting to your car over Bluetooth
  - Get e-mail, synchronize personal data, and surf the Internet on your notebook computer by connecting through your HP iPAQ over Bluetooth
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### Q . What Bluetooth devices will work with the iPAQ hw6900 Mobile Messenger?

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The Bluetooth specification uses profiles to identify special services that can be implemented by individual Bluetooth products. A Bluetooth device can implement one or many profiles, depending on the functionality it desires. Two devices can only perform activities with each other if they both support a common profile. So, check the Bluetooth specifications in the user guide of both products to verify that they share a common profile to achieve the connectivity you desire.

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### Q . Can I print over Bluetooth, Wi-Fi, or Infrared using the HP iPAQ hw6900 Mobile Messenger?

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You can print photos from the device over Bluetooth to a printer that supports the Basic Printing Profile. To print photos and other documents using other Bluetooth profiles, Wi-Fi, or Infrared, you must purchase additional software for the HP iPAQ.

You can also transfer files to your mini-SD memory card and insert the card into a printer or transfer and print files through a USB connection to your PC.

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Q . What Bluetooth profiles are supported in the HP iPAQ hw6900 Mobile Messenger?

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The following Bluetooth profiles are supported:

- General Access Profile
- Service Discovery Application Profile
- Serial Port Profile
- Generic Object Exchange Profile
- File Transfer Profile
- Dial-Up Networking Profile
- LAN Access Profile
- Object Push Profile
- Personal Area Networking Profile
- Basic Printing Profile
- Headset Profile
- Handsfree Profile
- Advanced Audio Distribution Profile
- Audio/Visual Remote Control Profile

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Q . What is a VPN?

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Virtual Private Network (VPN) is a type of technology designed to increase the security of information transferred over the Internet. VPN works with either wired or wireless networks, as well as with dial-up connections. VPN creates a private encrypted tunnel from the end user's computer, through the local wireless network, through the Internet, to the corporate servers and database.

Display

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Q . What is the difference between reflective and transfective display?

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Reflective is front-lit active matrix display viewable by utilizing internal or external light source, ideal for indoor or outdoor use. The rear polarizer of a reflective display includes a diffuse reflector. This layer reflects polarized ambient light that has entered the front of the display back through the LCD cell. Reflective displays require ambient light to be seen, with high brightness, excellent contrast (14:1), and wide viewing angles. HP iPAQ devices using the reflective LCD's are front-lit.

Transflective display combines transmissive and reflective technologies utilizing internal or external light source. Transmissive displays have a clear polarizer on the front and the back. The display depends on light coming through from the back of the display toward the user. Reflective displays reflect polarized ambient light that has entered the front of the display back through the LCD cell.

The benefits of transflective display are crisper images and clearer text, with rich color saturation.

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Q . What type of display technology does the HP iPAQ hw6900 Mobile Messenger?

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The HP iPAQ hw6900 Mobile Messenger utilizes a 3.0" transflective TFT display, with 240 x 240 resolution, 64K colors, LED backlight (with power saver mode).

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Q . What is the battery runtime of the HP iPAQ hw6900 Mobile Messenger when using the removable/rechargeable 1200 mAh Lithium-Ion user replaceable battery?

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Under normal conditions, the hw6900 can achieve up to 4 hours of talk time and up to 7 days of standby time. Talk, standby, and other usage times are approximate and depend on the network configuration, the usage pattern of an individual user, and the configuration of the handheld. Use of some internal wireless capabilities, backlight, and GPS will significantly decrease battery run time.

An extended removable/rechargeable 1800 mAh Lithium-Ion battery is also available for the HP iPAQ hw6900 Mobile Messenger and can be purchased separately.

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Q . Can I maintain a wireless connection while I change the removable battery?

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No. When swapping batteries, the connection and any unsaved data will be lost. The back up battery will not maintain the wireless connection or any unsaved data.

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Q . Does the hw6900 contain a backup battery?

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No. Since user data is now stored in flash storage instead of in RAM memory, a backup battery is no longer needed to protect the user's personal information. If the main battery dies, the user can simply recharge the battery and their data is still intact. If power to the device is lost, upon replacing or recharging the battery, the HP iPAQ will perform a soft reset. A soft reset does not affect the data stored on the HP iPAQ.

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Q . How can I increase the battery life of my device?

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To conserve battery power, here are some helpful hints:

- Leave your device connected to AC power at all times when not using it.
- Dim the backlight.
- Set the backlight to turn off automatically soon after you stop using the device.
- Set the device to turn off after not being used for a short period of time.
- Turn off Wi-Fi and Bluetooth power when not in use.
- Set the device to receive incoming infrared beams manually rather than automatically.
- For Exchange 2003 Mobile ActiveSync, set the device to manually synchronize or set a long period of time in-between synchronization sessions.

To ensure you always have battery power available, invest in a spare standard battery or an extended battery.

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Q . What has the greatest impact on battery life?

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The following have the greatest impact on battery life:

- GPS navigation
- Backlight
- Conducting a phone conversation
- Wi-Fi active connection
- Bluetooth active connection
- Playing games
- Multimedia

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Q . How frequently can you recharge the battery?

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Your battery may be recharged at any time.

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Q . Will the battery become damaged by charging it before the battery has completely discharged?

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No. The recommendation is that the HP iPAQ Mobile Messenger remains connected to A/C power when not in use. Staying connected to A/C for an extensive period will not damage the battery. The HP iPAQ Mobile Messenger operates with a Lithium-ion battery that does not retain a memory.

Memory

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Q . What is the amount of storage available on the HP iPAQ hw6900 Mobile Messenger?

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The HP iPAQ hw6900 Mobile Messenger has up to 45 MB available for persistent user storage and 64 MB SDRAM for running applications.

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Q . What is the HP Photosmart Mobile Software?

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HP Photosmart Mobile Software makes it easy to view and share your photos and video.

- View your JPG, BMP, and GIF photos individually or in a slide show
- Play your H.263 videos with audio
- Share your photos and videos with friends and family as an email attachment, an MMS message, or using Bluetooth or Infrared
- Move your photos to a mini-SD memory card<sup>7</sup> and print them using a photo printer (sold separately)
- Attach a photo to a Contact or use a photo as your Today screen wallpaper

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Q . Why does the HP iPAQ hw6900 not ship with iPAQ Backup?

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With persistent user storage on the hw6900, the uses for a backup application are far less than on previous HP iPAQ devices. The majority of user information is synchronized with the PC or a server. When the user's battery dies, their data is not lost. They simply need to recharge their battery and then keep using the hw6900.

Compatible backup applications are available for the hw6900 for customers who still need this functionality for backing up critical data, keeping an extra image on-hand in case a clean reset is needed, and for imaging multiple devices for a corporate deployment.

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Q . What is a Mini-SD Card?

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Mini-SD cards<sup>7</sup> are new thumbnail-sized flash memory cards that are designed to meet the need for greater storage capacity in the smallest possible form factor. The Mini-SD card was recently adopted by the SD Association as an ultra-small form factor extension to the SD card standard.

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Q . Does the HP iPAQ hw6900 Mobile Messenger support mini-SD I/O cards?

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No, the HP iPAQ hw6900 Mobile Messenger does not support I/O devices in the miniSD slot.

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Q . What comes in the box when I purchase the HP iPAQ hw6900 Mobile Messenger?

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Included with the HP iPAQ h26900 Mobile Messenger:

- Removable flip cover
- Belt holster
- Wired ear bud headphones
- Standard lithium-ion removable/rechargeable battery
- USB synchronization cable or desktop cradle (varies by region)
- AC adapter and charger adapter
- Stylus
- HP Product Information Guide
- Getting Started CD with special software
- Microsoft ActiveSync® 4.1 or greater
- Microsoft Outlook® 2002
- HP ProtectTools secured by CREDANT Technologies
- HP Photosmart Premier software
- HP iPAQ Navigation Maps and software – 60-day trial (North America only)

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Q . What software is included in the HP iPAQ hw6900 ROM?

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HP provides a variety of software applications to improve its ease of use and to enhance its functionality.

- Windows Mobile 5.0, Phone Edition with the Messaging and Security Feature Pack
  - Good Email stub (NA only)
  - HP Photosmart Camera
  - HP Photosmart Mobile Software
  - HP Profiles with Today screen plug-in
  - Phone Data Manager
  - MMS Composer
  - iPAQ Wireless with Today screen plug-in
  - Bluetooth Manager
  - GPS Navigation: Microsoft Pocket Streets 2006 (NA).
  - TodayPanel Lite
  - Modem Link
  - HP Help and Support
  - HP QuickStart Tour
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- Java
  - OMA DRM 1.0 compliant
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Q . What software is included on the HP iPAQ hw6900 Getting Started CD?

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HP provides a variety of optional software applications as well as links to other companies who provide software that may be of interest to HP's customers.

- Microsoft Outlook 2002
  - Microsoft ActiveSync 4.1
  - Windows Media Player 10 Desktop
  - HP Protect tools secured by CREDANT Technologies
  - HP Photosmart Premier Software
  - HP Image Transfer
  - HP Navigation Maps and Software – 60 day trail (NA only)
  - HP iPAQ GPS Quick Connect Utility
  - Funk Odyssey
  - Real Player 10
  - Phone Data Manager for PC
  - User documentation: HP iPAQ product information in a searchable support knowledge base
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Accessories

Q . What accessories are available?

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The accessories for the HP iPAQ hw6900 Mobile Messenger are:

- TTY Adapter Connector/Plug
- Automobile Power Adaptor
- Car cradles from [www.ipaqcarkits.com](http://www.ipaqcarkits.com)
- Charger Adapter (barrel to 22-pin converter)
- Standard battery (1200 mAh)
- Extended battery (1800 mAh)
- 128MB miniSD Memory Card
- 256MB miniSD Memory Card
- 512MB miniSD Memory Card
- AC adapter
- Desktop synchronization cradle
- Synchronization cable (USB and serial)
- Stylus three-pack
- Foldable keyboard and iPAQ Bluetooth Folding keyboard
- Bluetooth stereo headphones
- A variety of Cases
- Custom Cases to view and order go to: [Http://www.casesonline.com](http://www.casesonline.com)

For a complete list of accessories and their compatibility, please visit

[www.hp.ca/go/ipaqaccessories](http://www.hp.ca/go/ipaqaccessories)

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Q . Does the HP iPAQ hw6900 Mobile Messenger support a serial connection through its charge/sync connector?

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Yes, the HP iPAQ hw6900 Mobile Messenger supports a standard serial (RS232)

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connection through its 22-pin charge/sync connector (a USB/Serial synchronization cable must be purchased separately).

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Q . Does the HP iPAQ hw6900 Mobile Messenger support USB?

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Yes, the HP iPAQ hw6900 Mobile Messenger supports a standard USB connection through its 22-pin connector (the USB desktop cradle or USB/serial synchronization cable may be used).

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Q . Does the cradle for the HP iPAQ hw6900 Mobile Messenger support IrDA?

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No, the cradle for the HP iPAQ hw6900 Mobile Messenger does not have an infrared transmitter; however, the HP iPAQ hw6900 Mobile Messenger has integrated Serial IR.

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Q . Is Universal Remote control (CIR) supported on the HP iPAQ hw6900 Mobile Messenger?

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No.

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Q . Does this cradle work with HP iPAQ devices other than hw6900 Mobile Messenger?

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Yes, this cradle is designed for compatibility with other HP iPAQ devices if you have the correct adapter for your specific device.

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Q . What language skus are available for the HP iPAQ hw6900 Mobile Messenger?

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The languages available are:  
- English  
- French

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<sup>1</sup> A standard GSM/GPRS infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and a service contract with a wireless airtime provider may be required for applicable wireless communication. GSM/GPRS Wireless Internet access requires separately purchased Internet service contract. Check with service provider for availability and coverage in your area. Not all web content available. GPRS may not be available in all networks. GPRS data transmission speeds may vary based upon network capabilities and other conditions. Establishment and continuation of a GPRS connection depends on network availability, provider support and signal strength

<sup>2</sup> EDGE (Enhanced Data for Global Evolution) is a global standard for wireless wide-area data communication being rapidly deployed by GSM carriers worldwide. Actual download speeds may vary. Coverage is subject to transmission limitations and terrain, system, capacity and other limitations. Not all features and service options are available in all areas.

<sup>3</sup> Telephone service requires separately purchased contract with a telephone service provider with coverage in your service area.

<sup>4</sup> Normal GSM Data Calls (CSD) are not basic GSM data services. These services may not be available via all operators, and may require separate subscription. Maximum connection speed is used in defining maximum speed. The GSM Operator may change the speed of the connection and reduce time slots at its discretion if the network is congested. These actions may cause the total data rate to be lower than the requested data rate.

<sup>5</sup> GPS Navigation software and MAPs are NOT included with HP iPAQ hw6900 models sold in Canada. A full set of maps are available for purchase at [www.hp.com/go/gpsnavigation](http://www.hp.com/go/gpsnavigation).

<sup>6</sup> Users must have HP ProtectTools features enabled.

<sup>7</sup> SD and MMC cards sold separately.

<sup>8</sup> While the GPS radio on your device is able to connect to the GPS satellites without enabling the Quick GPS Connection feature, it may take a few minutes longer and even up to five minutes to locate the satellites without using Quick GPS Connection. User required to enable Quick GPS Connection updates.



HP iPAQ Mobile Messenger is a Windows Mobile™-based Pocket PC

For more information on HP iPAQ Pocket PC, visit our website at <http://www.hp.ca/iPAQ>

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