

# iPassConnect PocketPC 3.0 for Windows Mobile 2003 Release Notes

Version: 1.0, May 2005

This document contains the most current information on iPassConnect PocketPC 3.0 for Windows Mobile 2003, including:

- Features and enhancements
- Known issues
- System requirements

## Features and Enhancements

iPassConnect PocketPC 3.0 for Windows Mobile 2003 includes the following features:

- Automatic detection of Wi-Fi networks, also known as Wi-Fi sniffing .
- Historical tracking of recently used access points for ease of reuse.
- Ability to update the software over the Internet.
- User interface has been optimized for hand-held devices,
- Redesigned download and access point search, better supporting the memory and processing power limitations of handheld devices.

## System Requirements

### Windows

- A computer running Microsoft ActiveSync version 3.7 or later. (version 3.8 or later recommended). See the Microsoft Web Site for details regarding ActiveSync system requirements.

### PocketPC

- Windows Mobile 2003 or Windows Mobile 2003 Second Edition operating system and .NET (4.2, 5.0)
- ARM v4 processor series based devices
- 6MB of program memory

**Note:** Windows Mobile 2003 Phone Edition and PocketPC 2002 are not currently supported on iPassConnect PocketPC 3.0 for Windows Mobile 2003.

## Devices and Cards

The following devices and cards have demonstrated the full feature functionality of iPassConnect PocketPC 3.0 for Windows Mobile 2003, with no known issues beyond those specified in this document:

### Devices Running Windows Mobile 2003 (version 4.20.xxxx)

- Dell Axim X5

- HP iPAQ h2200
- HP iPAQ h2215
- HP iPAQ h4100
- HP iPAQ h4300
- HP iPAQ h4350
- Toshiba e800

### **Devices Running Windows Mobile 2003 Second Edition**

- Dell Axim X30
- Fujitsu PocketLoox v70 (Japanese)
- HP iPAQ hx2750
- HP iPAQ hx4700 (requires SP3)

### **802.11b Wi-Fi Compact Flash Cards**

- Linksys CF wCF12
- Linksys WCF12
- Netgear Ma701
- San Disk CF SDWCFB-000-768
- San Disk SD SDWSDB-000
- Socket CF8510-00212A
- Socket SD 8510-00294 A H/W: 1.1

### **56K Compact Flash Modem Cards**

- Compaq CF: 148909-001
- Kingston CIO56K Compact I/O
- Pharos CFM560
- Pretec SD Model: "WHANTO"
- Socket CF Model: "Socket 56K Modem Card"
- Xircom CFM56G

## **Known Issues**

These issues are known to be associated with iPassConnect PocketPC 3.0 for Windows Mobile:

### **Operating Systems**

#### **Installation**

- **Installing without Microsoft ActiveSync:** iPassConnect requires that Microsoft ActiveSync be installed on your PC . If you attempt to install iPassConnect without ActiveSync installed, you will receive the error message: "An exception occurred in the OnAfterInstall even handler of iPC3Installer.installer -> Object reference not set to an instance of an object." If this occurs, install ActiveSync and then continue installing iPassConnect.
- **Installing on a PocketPC 2003 SE:** If iPassConnect is installed on a Windows Mobile / 2003 PocketPC Second Edition device, an erroneous warning message will be displayed indicating that software may not operate correctly. Windows Mobile 2003 for PocketPC 2003 Second Edition is a supported pla
- **Installing on iPAQ 4700 devices:** Prior to installing iPassConnect on iPAQ 4700 devices, the user is required to install Microsoft released patch .Net CF SP 3. If the SP3 patch is

not installed, the device will display the following message, "Unexpected exception while adding an image to an imagelist on an Hx4700 and hx4705."

- **Differentiating Between the Three Installers:** DCT creates three installers that have the same name, Setup.msi. Each installer is placed in a separate folder according to their install shield language; 0007-> for German, 0009-> for English, 0011-> for Japanese. Language distinction is not visible to the user.

## Connecting

- **Unsuccessful connection attempts not logged:** The connection log file will not contain a record of past unsuccessful attempts. Unsuccessful connection attempts are properly logged using iPass iOQ and can be viewed in the iOQ reports.
- **Connections not possible while the device is cradled:** When a device is cradled and connected using ActiveSync, a network connection is established between the device and the PC. If the PC has an Internet connection, the Internet connection is shared to the device using the ActiveSync session. If either a modem or Wi-Fi connection attempt is made while the device is cradled, a successful connection may not be made and SQM data may be inaccurate.
- **DCT connect actions not supported in iPassConnect PocketPC 3.0.** Although the issue is primarily with synchronous actions, iPass has limited the support for DCT configured connect actions in order to avoid user confusion. Users can set up a post-connect action to launch an application using GUI, however, the client cannot pass any parameters to the application.
- **Connection Manager pop-up balloons:** When a Wi-Fi network is detected, some devices may repeatedly display a pop-up balloon until a network has been selected. To prevent the balloon from displaying select "Automatically connect to non-preferred networks" in the **Configure Wireless Networks** dialog. This command instructs the operating system to connect to the first network it detects, discontinuing the user prompt to select a network. You should consider the security implications associated with this setting before making this selection.
- **Selection of a non-iPass network does not provide auto-launch of the browser:** When the user selects a non-iPass access point, iPassConnect PocketPC 3.0 will associate to the access point and present a Connectedstatus message. The user will then need to launch the browser in order to be presented with the login page.
- **Global versus Specific dial properties:** Dial properties are established in three ways:
  - Global dial properties are specified in the **Settings** dialog and will be utilized unless overridden by either of two Dial properties specifications.
  - Dial properties can be specified when a bookmark is created and supercede the Global dial properties specified in **Settings**.
    - When presented with a list of dial access points after performing a search, you can specify properties for the current dial session by selecting the Information icon and then clicking **Edit this connection**. This dial specification also supercedes Global dial properties, but will be active only for a single dial session.

## Updates

- **Software and Data Updates:** PBook update is DCT configurable and can be turned on/off. Users can also turn it on/off using the GUI. By default, automatic update is turned off. Complete software updates can only be initiated by the user using the GUI.

- **Cradle updates:** iPassConnect PocketPC 3.0 for Windows Mobile does not support any kind of updates utilizing the cradle. If an update is initiated through the cradle, the process will terminate prematurely and a complete update will not be realized.

All updates should be done through modem or Wi-Fi connections. Using a Wi-Fi connection an update takes only 1 to 2 sessions (depending on signal strength) to process completely. Note: A session is defined as: cradle, launch, update, exit, reset.

A software update attempted through the cradle will take 5 to 10 sessions to complete. A Pbook update will take 2 to 4 sessions to complete.

If a user attempts to use the cradle to perform updates, the following workaround is necessary.

When the update process comes to a halt, the user must:

1. Exit iPass
  2. Uncradle the device
  3. Reset the device
  4. Re-cradle the device
  5. Re-start iPassConnect Pocket PC 3.0
  6. Initialize the software or Pbook update from the int.eh.file menu.
- **Update in IPC PPC 3.0 Japanese and German clients:** The user experience for Japanese and German software updates is not consistent with the user experience for English version updates. Japanese and German software updates require the user to launch the CAB file manually after the update is completed. (The CAB file is found in the MyDevice/Temp folder). The user is prompted to launch the CAB file when presented with the following message: "Please reset your device and then execute the "iPassConnect.cab" file in the /Temp directory to upgrade your software") Upon completion of English software updates, the user is presented with the following message: "The new version of this application will install next time you soft reset your Pocket PC".
  - **User notification of Updates:** Software updates and Pbook updates occur in the background, transparent to the user. However, upon completion of a software update, a message is displayed containing instructions for launching the newly downloaded file. The user must do this in order for the client to recognize the new updates. No message will display upon completion of a Pbook update because the user is not required to perform additional tasks. The client will automatically use the new Pbook the next time the user launches iPassConnect PocketPC 3.0. The user can verify update activities by checking the ULog under /programfiles/ipass/support.

## Search

- **Country list:** iPassConnect PocketPC 3.0 for Windows Mobile does not filter out countries that do not have an iPass presence, for example, Cuba.

## Miscellaneous

- **Continuing to provide input after choosing Exit:** After selecting **File** then **Exit**, the iPassConnect PocketPC 3.0 client continues to accept input while shutting down. Performing menu selections and initiating actions while client performs shutdown can

cause the application to crash. If a crash occurs, the user must perform a soft reset to terminate the application.

- **“Stop” using memory control panel renders application non-startable:** The application should always be terminated by using the menu choice, **Exit** . If the application is closed by selecting **Stop** from the memory control panel or task menu, the application will not restart until the user performs a soft reset on the device. (No data is lost when performing a soft reset.) Refer to the specific device instructions for details on performing a soft reset.
- **Domain Name:** There is no empty domain name option. The customer can preset domain and make it editable or non-editable. The non-editable option will not display an option for custom domain in the drop down domain list. There is no “hide the domain” option.
- **Password caching:** iPassConnect PocketPC 3.0 for Windows Mobile caches the password only for connection attempts and smart redial. This varies from password cache on iPassConnect for Windows which retains the password until the user exits the application.
- **SQM:** The iPassConnect PocketPC 3.0 client does not send the iPass session ID, install ID or client IP address tokens. It also doesn’t send “start” and “stop” records. Only one record is sent in the next successful connection.