

# iPassConnect™ 3.35 for Windows® Release Notes

Version: 1.1, June 2005

This document contains the most recent information on iPassConnect 3.35 for Windows, including:

- New features and enhancements
- Resolved issues
- Known issues
- System requirements
- Supported languages

Please consult the monthly *iPass Technical Bulletin*, also available on the iPass Portal, for the most recent issues associated with iPassConnect product versions.

## New Features and Enhancements

iPassConnect 3.35 includes the following new features and enhancements.

- **Non-iPass networks:** When this feature is enabled and billed, iPass will detect and allow association to locally broadcasting Wi-Fi networks, whether they are part of the iPass network or not. iPassConnect will prompt the user to define the network parameters during the first attempt to connect to a non-iPass network.
  - An existing customer with the personal wireless configured that upgrades to iPassConnect 3.35 will need to enable the non-iPass networks feature to retain the personal wireless functionality.
- **Balloon Tip for Available Wireless Network:** When iPassConnect auto-detects a Wi-Fi network (iPass or non-iPass) or Mobile Data network, a balloon tip will appear from the System Tray, notifying the user.
- **Wireless Visual Cues:** iPassConnect 3.35 includes changes to the **Available Wireless Networks** display with these enhanced visual cues:
  - The SSID is shown with an iPass logo (instead of iPass-enabled Access Point)
  - A signal strength meter shows the signal strength in bars
  - A padlock represents WEP-encrypted networks.

## Resolved Issues

The following list contains the most significant issues resolved in iPassConnect 3.35.

- **Auto-upgrade:** An issue with the iPassConnect auto-upgrade was preventing some users of iPassConnect from automatically upgrading to versions 3.20 or later if they chose *No* on the first prompt to upgrade. This issue has been resolved.
- **Deferred SQM/Phonebook Updates:** Deferred (asynchronous) SQM and Phonebook updates now start after the first wait interval has elapsed.
- **Delta Phonebook Updates:** Automatic delta Phonebook update capability is available with

3.35. Delta Phonebook updates are only available if the client uses a Phonebook for which deltas are currently being created.

- **IBM Connection Manager:** IBM Connection Manager Startup works as expected in conjunction with iPassConnect.
- **JP and AU All-Cities:** Access point counts for Japanese and Australian All-Cities numbers now show correctly.
- **Nortel 1-click:** Nortel 1-click with VPN gateway selection works as expected.
- **SQM Update and Proxy Settings:** SQM update functions as expected when using multiple proxy servers through the `proxymode=script` setting in `config.ini`.

## Known Issues

The following issues are known to be associated iPassConnect 3.35.

### Interface

- **Prelogon Mode and iPass Home Page:** When iPassConnect is in prelogon mode and you are connected to a LAN, selecting **Help > iPass on the Web** will open the default Web browser to the iPass home page.

### Mobile Data

- **APN Value Lost from `mds.ini`:** When the default parameters for an APN include APN, non-blank carrier username and non-blank carrier password, iPassConnect drops the APN value stored in `mds.ini` when a card is SIM-locked.
- **Mobile Data Connection Manager:** You must disable your Mobile Data connection manager from the startup folder in order for a Prelogon-enabled client to maintain a Mobile Data connection.
- **No Entry in `APN.ini`:** When a connection attempt is made on a GPRS, EDGE or UMTS network for which there is no entry in the `APN.ini` file, iPassConnect simply uses blank values, resulting in one of several possible error codes, depending on the configuration of the network.

### Phonebook Updates

- **Automatic Phonebook Updates and Non-iPass Networks:** Synchronous Automatic Phonebook update (as well as SQM uploads) will fail over a non-iPass network connection that requires authentication.

### Wi-Fi

- **WZC and Logoff on Connect:** Normally, iPassConnect disables the Windows Wireless Zero Configuration (WZC) Utility during startup, and re-enables it during shutdown. However, this can be problematic for iPassConnect clients that use the Logoff on Connect feature, where the connection needs to be maintained even though iPassConnect is being shutdown during logoff. In this case, when WZC is re-enabled, WZC may interrupt the current connection if it detects another network on the "preferred network" list that is set for "Automatic" connection. Possible ways to address this issue include:
  - On the **Wireless Networks** tab for the Wi-Fi adapter, uncheck **Use Windows to configure my wireless network settings**
  - Do not set up preferred network in *Automatic* mode
  - Set WZC service startup mode to *Disabled* or *Manual*

## Language Issues

- **Japanese Installation:** Before installing the Japanese version of iPassConnect 3.35, you should make sure your Windows Regional Settings are correctly set to reflect Japanese, or some characters in the installation dialogs may appear corrupted.

## System Requirements

### Minimum Hardware Requirements

- Pentium III processor
- 256 MB RAM
- 100 MB free disk space
- TCP/IP Protocol
- Screen size 452x575 pixels
- One or more connectivity devices installed, depending on your intended connection type:
  - GSM modem for GSM connections
  - ISDN terminal adapter for an ISDN connection
  - 56K v90/92 modem for a dial-up connection
  - PHS phone for PHS connections
  - 802.11a, b or g wireless adapter for a wireless broadband (Wi-Fi) connection
  - Ethernet adapter for a wired broadband connection
  - Pre-activated Mobile Data card for a Mobile Data connection

### Windows Requirements

- **Platforms:** Microsoft Windows 2000 SP 4 or later, and Windows XP Home or Professional SP 1 or later.
- **Windows Updates:** iPass strongly recommends that you install all critical and Microsoft-recommended Windows updates for your operating system.
- **IE 6+:** Microsoft Internet Explorer 6.0 SP 1 or later.
- **Database Components:** Jet database engine 4.0 SP 8, and Microsoft Data Access Components (MDAC) 2.8.

## Supported Languages

iPassConnect 3.35 is supported in the following languages:

- English
- French
- German
- Japanese
- Japanese
- Korean
- Simplified Chinese
- Spanish
- Traditional Chinese

## Optional Hardware Supported in iPassConnect 3.35

### Wireless Cards

An 802.11x wireless card is needed for Wi-Fi connections. This table displays the wireless cards have been successfully tested for connectivity on the iPass network using iPassConnect 3.35.

### iPass-Supported Wireless Cards

Card	Firmware	NDIS
3Com 802.11 a/b/g 3CRPAG175 Wireless LAN PC Adapter	1.0.0.25	

Card	Firmware	NDIS
Cisco Aironet 350 Wireless Adapter (802.11b)	V4.25.30	V7.29
Cisco Aironet 340 Wireless Adapter (802.11b)		V6.64
Cisco Aironet 802.11 a/b/g Wireless Adapter		1.0.0.305
D-Link Air DWO-650	2.0.10.0	
IBM 802.11 a/b/g Wireless CardBus Adapter	2.4.1.21	
Intel Centrino Mini-PC Card		
Intel Pro/Wireless 2011 (802.11b)		V4 or V5
Intel Pro/Wireless 2011B (802.11b) (New Intel Proset)		
Intel Pro/Wireless 5000 LAN Cardbus Adapter (802.11b)	V1.0.10	
Linksys Wireless USB Adapter (802.11b)	V2.5	
Linksys Dual-Band Wireless A+G Notebook Adapter	2.4.2.33	
Lucent Orinoco 802.11b PC Card Gold World Card PC24E-H-FC	7.14.01	
Microsoft USB 802.11b Adapter (for Desktop PCs)	V1.31.9.0	4.10.2222
Microsoft Wireless Notebook Adapter MN-720		3.20.26.0
Microsoft Wireless USB 2.0 Adapter MN-710		1.0.8.0
Nokia C110/C111 Wireless Adapter	V0.0.104.0	
Orinoco 802.11ag ComboCard Gold		2.3.0.75
Orinoco 802.11ag ComboCard Silver		2.3.0.75
Toshiba Wireless LAN mini PCI Card		1.0.8.0

### Mobile Data Cards

The following cards have been successfully tested with iPass Mobile Data. Each table shows the card make and model, the frequently bands in which the card operates, the network type, and the operators and regions where the card was tested.

*To make use of iPassConnect Mobile Data connectivity, you will need a provisioned account with a third-party Mobile Data provider and a supported Mobile Data PCMCIA card. iPassConnect does not include Mobile Data card drivers. Your card drivers will be installed when you install and activate your account with your Mobile Data carrier. Your card should be fully installed and tested for connectivity with your carrier's network, using your carrier's client, before attempting to use it with iPassConnect.*

### GPRS (includes EDGE and UMTS)

Card	Bands	Network Type	Operator: Regions Tested
Sony Ericsson GC-82	850 MHz 1900 MHz	GPRS, EDGE	AT&T: USA Cingular: USA
Sony Ericsson GC-83	850 MHz 1800 MHz 1900 MHz	GPRS, EDGE	AT&T: USA Cingular: USA Roaming in UK, Germany, France
Sierra Wireless 750	900 MHz 1800 MHz 1900 MHz	GPRS	O2: UK T-Mobile: USA AT&T: USA
Option Globetrotter Tri-band	900 MHz 1800 MHz 1900 MHz	GPRS	Vodafone: UK, Germany, France and US O2: UK Orange: UK, France

Vodafone Option 3G	900/1800 MHz for GPRS, 2200 MHz for UMTS	GPRS, UMTS	Vodafone: UK, Germany, France
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**CDMA (includes 1xRTT, CDMA2000)**

<b>Card</b>	<b>Bands</b>	<b>Network Type</b>	<b>Operator: Regions Tested</b>
Sierra Wireless 555D	1X 800 1X 1900	1XRTT, CDMA2000	Verizon Wireless: USA Telecom New Zealand: NZ
Sierra Wireless 550	1X 1900	1XRTT CDMA2000	SprintPCS: USA