

iPassConnect 3.51 Release Notes

Version 1.1, December 2006

This document contains the latest information on iPassConnect 3.51, including:

- New features
- Technical requirements
- Resolved issues
- Known issues

New Features

- **New Protocol Driver.** The protocol drivers in iPassConnect 3.51 give the following benefits:
 - Compatibility with hosts running the Intel PROSet v10.x Wireless Utility.
 - Greater reliability for on-campus connectivity, since the encryption mode is now derived from the iPassConnect Phonebook entry regardless of the reported capabilities of the access point.
- **Improved Detection of Non-Broadcast SSIDs.** Experience has shown that pre-existing Wi-Fi associations are very common, so iPassConnect 3.51 looks for an existing association on every scan cycle (approximately once every 15 seconds) and performs non-broadcast scanning whenever the device is not associated.
- **Live Logon: Support for Microsoft Remote Desktop Connection (RDC).** The iPassConnect 3.51 GINA enables transparent support for RDC connections to the host on which iPassConnect is installed.
- **Live Logon: Support for AutoAdminLogon.** When the Windows AutoAdminLogon feature is enabled, the iPassConnect Live Logon GINA will silently pass control to MSGINA without interrupting the automated logon process.
- **Support for Microsoft Internet Explorer 7 (IE7).** In November 2007, iPass announced support for IE7 across the range of currently available iPassConnect for Windows releases. In addition, iPassConnect 3.51 is the first release to be designed and tested explicitly for IE7.
- **Support for the Web Proxy Auto Discovery (WPAD) protocol.** iPassConnect 3.51 can now obtain proxy settings when Internet Explorer's proxy setting is configured to "Automatically detect settings".



- **Signed Installation Files.** Each iPassConnect installation package is digitally signed by iPass for assurance of its authenticity.
- **Installation Log File Moved.** The iPassConnect installation file has been moved from %SystemDrive%\IPC.LOG to %TEMP%\iPassConnect_Install.log

Technical Requirements

Minimum Hardware Requirements

- Pentium III processor (or equivalent AMD processor)
- 256 MB RAM
- 100 MB free disk space
- TCP/IP Protocol
- 16-bit color mode

Connectivity Device Requirements

iPassConnect requires one or more connectivity devices installed, depending on your intended connection type:

- A supported WLAN adapter for a WLAN connection. (any NDIS v5.1 compliant 802.11b or 802.11g Wi-Fi device)
- A supported Mobile Data card for a Mobile Data connection. (A complete list of supported Mobile Data cards can be found in the *Mobile Data Configuration Guide*, available from the iPass Portal.)
- Ethernet adapter for a Ethernet connection
- 56K v90/92 modem for a dial-up connection
- GSM modem for GSM connections
- ISDN terminal adapter for an ISDN connection
- PHS phone for PHS connections

Operating System Requirements

- iPassConnect 3.51 is supported on Microsoft Windows 2000 SP 4 or later, and Windows XP Home or Professional (Service Packs 1 and 2). iPass strongly encourages the use of Windows XP SP 2. In addition, you should install all Microsoft-recommended updates for your operating system.
- Microsoft Internet Explorer 6 or 7 must be installed.

Supported Languages

iPassConnect 3.51 supports the following languages:

- Chinese (Simplified)
- Chinese (Traditional)



- English
- French
- German
- Japanese
- Korean
- Portuguese (Brazilian)
- Spanish

Resolved Issues

This release of iPassConnect resolves the following issues.

User Interface

- The **Available Networks** list no longer closes automatically when a Mobile Data network is detected.
- The **Available Networks** balloon tip is no longer displayed if any of the following conditions are true:
 - Open Ethernet is detected on startup
 - The main iPassConnect dialog is displayed
 - After a connection attempt has begun.
- The **Connected To:** system tray tooltip is now updated following a subsequent connection.
- The **Login Information** dialog is no longer displayed unnecessarily for profiles configured with TLS authentication in instances where all the necessary information is already available.
- On ThinkPad notebook PCs running Windows 2000, the ThinkVantage Power Manager utility no longer flickers rapidly while the mouse hovers over the animated iPassConnect icon.
- The **Certificates** tab now updates dynamically to refer to the host certificate when in Live Logon mode and the user certificate following Windows logon.

Language and Localization

- Label text that extended beyond the boundaries of the associated controls for French, German and Spanish has been resized to fit.

Live Logon

- The **Shut Down...** button is now enabled unless explicitly disabled by either the Local Machine configuration or a Group Policy.
- The **Log on to:** domain list now includes trusted domains.
- The Live Logon GINA now uses the same fonts as iPassConnect.



- If a user does not respond to the message about a Live Logon timeout, then control will eventually transfer back to the initial Windows secure attention sequence dialog. Previously, a blank screen would result.
- The **Save Password** option is now unconditionally disabled prior to Windows logon in Live Logon mode.
- The password is now retained when a user of a profile configured for Single Sign-On (SSO) elects to save the password following Windows logon.

Updates

- The v3.50 issue leading to an "Operation Timed Out" message following a manual Phonebook update request has been fixed.
- The time and date of the last Phonebook update is now restored to the **Help > About** dialog and the Phonebook update menu items.
- An issue in v3.50 which caused updates to fail if iPassConnect was not installed on the same drive as the %ALLUSERSPROFILE% folder has been resolved.
- If the proxy information returned by Internet Explorer is in the form of a long string (for example, a large PAC file or a long proxy exception list) then iPassConnect 3.50 would experience a buffer overflow and consequently a proxy update failure. This is now resolved.

General

- A file permissions problem leading to incomplete file removal on uninstallation of iPassConnect 3.50 has been resolved.
- On Wi-Fi association failure (SQM error -105), iPassConnect no longer reports 00:00:00:00:00:00 as the MAC address but instead reports no value.
- On Windows logoff or shutdown with iPassConnect 3.50 still active, many users reported the display of a "Please Contact Your Helpdesk" message or an error in "iPassMainFrm" which would delay Windows exit. Both have been fixed in iPassConnect 3.51.
- iPassConnect 3.40, 3.41 and 3.50 all reference an obsolete DLL that causes an unhandled exception when accessing the iPassConnect Help Topics menu if IE7 is installed. This has been resolved in iPassConnect 3.51. An update is planned to address this problem in earlier versions of iPassConnect.

Known Issues

The following issues are known for iPassConnect 3.511.

General

- Connection Status shows incorrect transition to "connecting" on return of a synchronous PreDial action when using Open Ethernet.
- In the Connection Log dialog, the recommendation for addressing Wi-Fi association failure errors (SQM code -105) is truncated.



- The iPassConnect system tray icon is not recreated if the Windows explorer.exe process is restarted.
- iPassConnect does not retain the last selected access point if available networks are detected.
- SIM-based Mobile Data devices controlled through iPassConnect are sometimes incorrectly shown as locked in the Mobile Data Connection Settings dialog.
- An upgrade to 3.51 from versions 3.40, 3.41 or 3.50 does not remove an obsolete version of PSAPI.DLL, which that can cause an issue with the iPassConnect help file when IE7 is installed. This is not an issue for fresh installs of 3.50 or for upgrades from versions earlier than 3.40.
- If iPCCheck is used to upgrade iPassConnect to 3.51 and if iPassConnect is connected and if the iPassConnect engine shutdown is not timely (for example, if there is a synchronous disconnect action which responds slowly), then it is possible that users will see a dialog that Uninstallation/Repair cannot continue while the application is in use. Click **Yes** to allow the upgrade to proceed. Clicking **No** will cause the upgrade to be suspended until the next connection, or until the user requests a software update.