IBM Host Access Client Package for Multiplatforms, V6 and IBM Host Access Client Package for iSeries, V6 deliver key productivity and security enhancements

Overview

The Host Access Client Package for Multiplatforms, V6 and IBM Host Access Client Package for iSeries, V6 bundles add key productivity and security enhancements.

IBM Host Access Client Package provides the flexibility to access host applications that varied workforces demand. In a single package, at one price per user, the software delivers two functionally rich and security-enhanced products to meet your host access needs.

Host Access Client Package delivers enough flexibility to address the needs of the traditional power user while giving Web access to mobile employees or business partners.

Host Access Client Package includes package elements:

- Personal Communications for Microsoft Windows, V5.9
- WebSphere Host On-Demand V10

Host Access Client Package delivers a solution for your host connection needs. The package includes:

- Access to applications and data residing on IBM System i (5250), System z (3270), and DEC/UNIX virtual terminal hosts for traditional Web users in SNA and intranet environments

- Thin client technology to distribute host access capability to remote users in intranet and extranet environments

Host Access Client Package delivers the necessary tools to help you:

- Leverage your existing investments
- Electronic software delivery
- Media and documentation

Key prerequisites

Refer to the Hardware requirements and Software requirements sections for details.

Planned availability date

September 8, 2006

For more information, visit http://www.ibm.com/software/network/hostaccess

2 If you are interested in access to applications and data residing exclusively on IBM iSeries (5250), you may purchase IBM Host Access Client Package for System i.

At a glance

Host Access Client Package delivers new releases of Personal Communications for Windows and WebSphere Host On-Demand.

Personal Communications for Windows, V5.9

- Windows x64 platform support
- Kerberos Services Ticket Auto Signon support
- Negotiated Telnet Security
- GDI Print Support for VT Printer Controller Mode
- IPv4/IPv6 Interoperability for EEDLC
- Windows Policy enhancements

WebSphere Host On-Demand V10

- VT UTF8 support
- Customizable pop-up keypad
- IBM Workplace Client Technology support
- Remap character attributes for VT
- Undo Cut/Copy/Paste support
- Reuse active credentials
- PrintScreen in color
- Mouse wheel support

1 Virtual terminal

For ordering, contact:
Your IBM representative or the Americas Call Centers at 800-IBM-CALL Reference: YE001

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: http://www.ibm.com.
Host Access Client Package, V6 includes Personal Communications for Windows, V5.9 and Host On-Demand V10. Note that some new function is limited to a specific platform.

**New for Personal Communications for Windows, V5.9**

**Productivity**
- **Page Header and Footer:** Add a header and or footer to printed pages on print screen and print screen collection jobs.
- **Windows GDI print capability for VT host printing:** Use the Windows print driver for VT host printing. This functionality adds to the existing PDT printing capability.
- **Concurrent IPv4 and IPv6 connections for EEDLC:** Configure and run both an IPv4 and IPv6 connection concurrently for Enterprise Extender configuration (EEDLC).

**Security**
- **Kerberos service ticket auto-signon:** For 5250 display and Data Transfer sessions, this feature provides automatic signon capability to iSeries based hosts, using logged-on user credentials.
- **Telnet-negotiated security:** TLS security can be configured to be negotiated between the host and Personal Communication as part of the Telnet negotiation process.
- **Reuse active credentials:** Reuse active credentials is now available for 3270 display and printer sessions.

**Technology**
- **Windows x64 platform support:** Personal Communications, V5.9 provides non-SNA platform support for Windows XP Professional x64 Edition and Windows Server 2003 Standard x64 Edition and Enterprise x64 Edition. This x64 support is in Compatibility mode and does not support SNA.
- **Policy enhancements:** Additions to the Personal Communications Policy support allow administrators control over the user’s ability to modify a sessions view or to minimize, maximize or close a session. By editing the Windows group policy, you can hide the session window tool bar, menu bar, and expanded operator information area (OIA) and restrict the ability to maximize, minimize, or close a session.
- **IBM Tivoli® License Manager Readiness:** This feature enables installation and usage detection of Personal Communications using the IBM Tivoli License Manager (ITLM).

**Usability**
- **Collect print jobs for 5250 printer sessions:** This feature provides the ability to collect multiple print jobs and print them as a single print job or in a group. Functions associated with this feature can be mapped to the keyboard, pop-up keypad, mouse button, or toolbar buttons.
- **Best Fit option in Page Setup:** Best Fit print scaling is now available for 3270 display and printer sessions as well as VT display sessions.

**Serviceability**
- **IBM Support Assistant:** The IBM Support Assistant provides an easy, consistent user interface, which enables the resolution of software questions independently. Personal Communications, as well as many other IBM software products, provides a plug-in which makes its product information available to the user through the Support Assistant. Support Assistant provides three components:
  - Search component
  - Service component
  - Support links component

The search component allows you to search the IBM database for technotes and other documents that may help solve a problem or provide additional information about the product.

The service component offers assistance if you choose to submit a problem by providing access to the Electronic Service Request Web site.

The support links component offers a consolidated list of IBM Web links organized by brand and product. Help desk personnel and Personal Communications administrators might want to install Support Assistant in order to better support end users. You can download the Support Assistant from the following Web site:


**New for WebSphere Host On-Demand V10**

**Productivity**
- **Customizable Pop-up keypad:** WebSphere Host On-Demand V10 introduces a new pop-up keypad that can be customized by assigning macros and keystroke functions to the pop-up keypad buttons. Specify the size of the pop-up keypad, the number of pop-up keypads associated with a session, and the number of rows and columns in each pop-up keypad. The keypad configurations can be stored as part of the session configuration or as separate files that can be shared by multiple users and/or sessions.
- **Reuse active credentials:** Reuse active credentials is a new feature available in WebSphere Host On-Demand V10. This feature enables bypassing the host sign-on screen once having been authenticated one time to that same host. For example, if you are prompted for a user ID and password to log into a display session and then need to create an FTP connection or run an SQL query to the same host or logon again to the display session at a later time, the subsequent connections will bypass the normal sign-on process.
- **Remap character attributes for VT:** WebSphere Host On-Demand V10 allows you to remap the Bold, Underline, Blink, and Reverse Video character attributes, as well as any combination of those attributes to different colors.
- **User locations for macro and file transfer lists:** Create and use macros and file transfer lists using any accessible network or file system location. The macro
Security

- **Secure Shell (SSH) enhancements:** For users using Sun JRE 1.5 (or higher) or IBM 1.4.2 (or higher), Host On-Demand V10 improves its SSH support by supporting SSH V1 for VT display sessions. In addition, RSA algorithm is added for SSH V2 support for display sessions and sftp sessions. There are no configuration options for these additions as they are negotiated between the client and the server.

- **Password vault portlet:** WebSphere Host On-Demand provides a separate portlet for manipulating user IDs and passwords in the portal vault for use with Web Express Logon. The portlet is provided as a WAR file (PasswordEditor.war) and is stored in the portal sub-directory of WebSphere Host On-Demand publish directory.

Technology

- **VT UTF8 (Unicode) character set support:** WebSphere Host On-Demand V10 provides VT-UTF8 (Unicode) support for VT100-like terminals. This support provides the ability for VT sessions to transmit and receive Unicode characters encoded in UTF8 format. This capability will be important as many newer versions of Linux™ use UTF8 as the default. Using UTF8, WebSphere Host On-Demand can now support VT connections to systems configured for DBCS languages. This support is enabled by selecting VT-UTF8 as the Terminal Type in the session properties.

- **Support for Workplace Client Technology (WCT):** WebSphere Host On-Demand V10 has added support for WCT for Windows platforms. With this support, you can now generate WebSphere Host On-Demand plug-ins that run in products based on WCT.

- **Portal JSR 168 Support:** In order to function in additional portal servers, WebSphere Host On-Demand V10 provides an option in the Deployment Wizard to generate a portlet to be used with any JSR 168-compliant portal server.

Usability features

- **Print Screen in Color:** When using the Print Screen function within an emulation session, WebSphere Host On-Demand V10 now supports printing in color.

- **Highlight Field with Cursor:** WebSphere Host On-Demand V10 users can select the foreground and background color of the field containing the cursor within the host screen. This feature is available for 3270 and 5250 sessions and is enabled via the Color Remap facility.

- **FTP Copy Append:** With WebSphere Host On-Demand V10, an additional option is presented that allows users to append a file to an existing file for either a send or receive operation. This option is available for both the FTP and sftp protocols.

- **Undo Cut/Copy/Paste:** Several Undo functions are now available for Cut/Copy/Paste operations. These functions are available from the Edit menu.

- **Macro Library variable:** Continuing to expand the macro programming language, WebSphere Host On-Demand now offers a new Macro Library variable called $HMLSystemUtil$ that allows you to make macros even more dynamic by obtaining the following:

  - Applet HTML parameter
  - Operating system property (environment variables)
  - Java™ system property

Serviceability

- **IBM Support Assistant:** The IBM Support Assistant provides an easy, consistent user interface which lets you resolve software questions independently. WebSphere Host On-Demand, as well as many other IBM software products, provides a plug-in, which makes its product information available through the Support Assistant. Support Assistant provides three components:

  - Search component
  - Service component
  - Support links component

The search component allows the searching of IBM database for technotes and other documents which may help solve a problem or provide additional information about the product.

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The support links component offers a consolidated list of IBM Web links organized by brand and product. Help desk personnel and WebSphere Host On-Demand administrators might want to install Support Assistant in order to better support your end users. Support Assistant can be downloaded from the following Web site:


Additional features

- **Ability to prompt you for destination address when logging on to FTP.**

- **Applet size that can be specified with any pixel or relative percentage value.**

- **Native font support for Java 2 clients.**

- **Ability to ignore user typing and mouse clicks during macro playback.**

- **Mouse wheel support for Java 2 JVM 1.4 and higher clients.** This feature allows screen navigation in host applications using the mouse wheel.

- **Ability to specify title of a macro prompt.**

- **Screen size for 3270 sessions that can be specified with any row/column values.**

- **Ability to redirect license count files created by the WebSphere Host On-Demand server.**

- **All Latin 1 characters — Now available for mapping in the Key Remap editor.**

- **Support for host initiated screen copy in 3270 display sessions.**

- **Web Express Logon enhancement for 3270 display sessions, to allow specification of the destination address for the target host when different than the TN3270 address.** This feature will allow Web Express Logon to work in Session Manager and WebSphere Host On-Demand redirector environments.

Note: With this release, the IBM schedule to remove Screen Customizer (referred to as Screen Customizer/Alternate Terminal in Host On-Demand) from Host Access Client Package, is complete. The removal

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of Screen Customer was first announced with Host Access Client Package V3.

The IBM strategic solution for rejuvenation of legacy applications is WebSphere Host Access Transformation Services, which delivers rules-based transformation of host screens with advanced customization support. The WebSphere Host Access Transformation Services product is available within the WebSphere Host Integration Solution software bundle and as a stand-alone product.

Section 508 of the U.S. Rehabilitation Act

HACP Multi is capable as of September 8, 2006, when used in accordance with associated IBM documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A US Section 508 Voluntary Product Accessibility Template (VPAT) can be requested via IBM’s Web site at http://www-3.ibm.com/able/product_accessibility/index.html

Product positioning

WebSphere Host Access Client Package for Multiplatforms, V6 offers a migration path from traditional emulsion to Web browser-based emulation. It focuses on TN5250, TN3270E, VT52/100/220/420, and CICS® applications support. WebSphere Host Access Transformation Services (HATS), sold separately or as part of the WebSphere Host Integration Solution, also addresses this Web browser-based migration.

This server-side solution runs on either the WebSphere Application Server or the WebSphere Portal Server. HATS makes your 3270 and 5250 applications available through the most popular Web browsers, while converting your host screens to a Web-like look and feel. HATS provides a zero-footprint Web-to-host solution. The only software needed on the client is a Web browser.

Personal Communications

Personal Communications is a key client component of the IBM Host Integration portfolio for LAN, WAN, remote access, and connectivity. Personal Communications provides access to applications and data whether residing on mid-range or enterprise servers. Additionally, it can give you the optimal platform for traditional access to data and applications on the host and includes new tools to help transform your traditional business into an On Demand Business.

Through the use of Enterprise Extender in Personal Communications, you can maintain the integrity of your SNA LU6.2/CPI/APPCC applications over IP. This capability, both on desktops and in the communications servers, provides a Gateway back into the SNA environment. You have a solution that can solve the problem of transporting these SNA applications over an IP network.

WebSphere Host On-Demand

WebSphere Host On-Demand is intended if you want to provide secure, cost-effective host access to other users in intranet- and extranet-based environments. Businesses can extend the reach of their host applications and data to new users, including business partners, suppliers, and sales personnel.

WebSphere Host On-Demand gives you security-enhanced browser access to host applications and data, with Web browser-based emulation. With support for host applications for TN3270E, TN5250, VT52/100/220/420, and CICS, and an FTP/sftp client included in a single package, you need to learn only one interface to reach key host data. Because WebSphere Host On-Demand is Java-based, different operating environments offer the same look and feel, and an identical feature set.

WebSphere Host On-Demand is installed only on the Web server, and the Host On-Demand code is downloaded via a Web site to the users’ Web browser. Code maintenance, updates, and configurations reside on the Web server. They are automatically notified of updates. The WebSphere Host On-Demand cached client, or Web Start client, can help reduce download and user idle time, help enhance productivity, and help save significant expense in product deployment and maintenance.

WebSphere Host On-Demand can be installed on nearly any server platform to fit nearly any size organization or branch office. WebSphere Host On-Demand is supported by your choice of platforms, ranging from Windows 2003, AIX®, Solaris, HP, and Linux servers to iSeries and System z mainframes. The benefit extends to the desktop as well. Because the interface is Java-based, it is the same in every workstation environment, whether it is Windows, OS/2®, Linux, AppleMac, or other supported workstation environments.

With a rich Java toolset, including Host Access Beans for Java and the API, you can help rapidly create custom on demand applications to achieve a competitive advantage. Because WebSphere Host On-Demand is part of the WebSphere family, applications developed using the toolset can be incorporated into other WebSphere software projects, helping preserve your WebSphere Host On-Demand investment and helping provide a quick start to the Web and being an On Demand Business.

WebSphere Host On-Demand is recommended for installations that require low-cost, centralized deployment; easy; centralized administration; and support for a broad range of client and server platforms. Personal Communications is recommended for full-function emulation, more extensive APIs, and a wider range of protocols or connectivities, including APPN® and other SNA technologies.

Availability of national languages (September 8, 2006)

<table>
<thead>
<tr>
<th>Product description</th>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>HACP Multi, V6</td>
<td>Multilingual (Portuguese, French, Danish, Russian, Korean, Chinese — Simplified, Spanish, Norwegian Bokmal, Portuguese- Brazilian, German, Swedish, Japanese, Chinese — Traditional, Hungarian, English U.S., Slovenian, Greek, Turkish, Dutch, Czech, Italian, Finnish, Polish)</td>
</tr>
<tr>
<td>HACP iSeries, V6</td>
<td>Multilingual (Portuguese, French, Danish, Russian, Korean, Chinese — Simplified, Spanish, Norwegian Bokmal, Portuguese- Brazilian, German, Swedish, Japanese, Chinese — Traditional, Hungarian, English U.S., Slovenian, Greek, Turkish, Dutch, Czech, Italian, Finnish, Polish)</td>
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</tbody>
</table>
Trademarks

iSeries, System i, System z, and Workplace Client Technology are trademarks of International Business Machines Corporation in the United States or other countries or both.

WebSphere, Tivoli, CICS, AIX, OS/2, and APPN are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Microsoft and Windows are trademarks of Microsoft Corporation.

Java is a trademark of Sun Microsystems, Inc.

UNIX is a registered trademark of the Open Company in the United States and other countries.

Linux is a trademark of Linus Torvalds in the United States, other countries or both.

Other company, product, and service names may be trademarks or service marks of others.
Offering Information

Product information is available via the Offering Information Web site

http://www.ibm.com/common/ssi

Also, visit the Passport Advantage® Web site

http://www.ibm.com/software/passportadvantage

Publications

No publications are shipped with these products.

The IBM Publications Center

http://www.ibm.com/shop/publications/order

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries free of charge.

Technical information

Hardware requirements

Personal Communications for Windows™, V5.9

Installation

• A PC with a CD-ROM drive, if Personal Communications is to be installed

• A 486, or higher, system processor

Memory and fixed storage capacity

• 64 MB RAM minimum is recommended. 128 MB RAM is recommended for Windows XP and Windows 2000 Professional.

• 128 MB RAM minimum is recommended. 256 MB RAM is recommended for Windows 2000 Server and Advanced Server, and Windows Server 2003.

• 125 MB of fixed disk space minimum is recommended. Additional space may be required depending on the installation options selected.

System unit

IBM, or compatible, workstations with a 486, or higher, microprocessor. A Pentium® microprocessor is strongly recommended. If Personal Communications is to be locally installed, the workstation must also have a CD-ROM drive.

WebSphere® Host On-Demand V10

• For Windows platforms: 350 MB for one user interface language, plus an additional 8 MB for each additional language

• For AIX®: 350 MB (includes English as a user interface language and the additional security files), plus an additional 8 MB per additional user interface language

• For Sun Solaris, Linux™, HP-UNIXware: 325 MB (includes English as a user interface language), plus an additional 8 MB per additional user interface language

• All others: 480 MB (all languages installed)

Software requirements

Personal Communications for Windows, V5.9

• Windows 2000 Professional, Server, and Advanced Server

• Windows XP Professional and Home Edition (32-bit)

• Windows XP Professional x64 Edition (non SNA)

• Windows XP Tablet PC Edition

• Windows Server 2003 Standard and Enterprise Edition

• Windows Server 2003 Standard and Enterprise x64 Edition (non SNA)

• Windows Small Business Server 2003


• Citrix Metaframe XP Presentation Server

• Citrix Metaframe Presentation Server 3.0 and 4.0

• Virtual PC 2004

• Virtual Server 2005 Standard and Enterprise Edition

• VMWare Workstation V5.5

• VMWare Server

Personal Communications for Windows V5.8 communicates with the following types of servers or Gateways:

• Communications Server for Windows, V6.1.2 API Client (optional)

• Communications Server for Linux V6.2 Client on Windows (optional)

• Communications Server for Linux on zSeries® V6.2 Client on Windows (optional)

• Communications Server for AIX V6.1 Client on Windows (optional)

• Microsoft™ Host Integration Server 2004 Standard and Enterprise Edition

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: http://www.ibm.com.
• Microsoft Host Integration Server 2000 Standard Edition

Miscellaneous software: IBM Tivoli® Configuration Manager V4.2

**WebSphere Host On-Demand V10**

For servers

• Windows 2000 (Professional, Server, and Advanced Server)
• Windows XP Professional (32-bit) (This should not be used for a large-scale production server)
• Windows 2003 Server and Enterprise (32-bit)
• AIX 5L™ 5.2, 5.3
• OS/2 Warp® Server 4, OS/2® Warp Server for e-business 4.5

Sun Solaris 8, 9

OS/400® V5R1, V5R2, V5R3, and i5/OS™ V5R3, V5R4

z/OS® V1R4, V1R5, V1R6, V1R7

HP-UX 11.0, 11i

Red Hat Enterprise Linux AS 2.1, 3.0, and 4.0

Red Hat Linux 9.0 Personal and 9.0 Professional

SUSE Linux 8.2 and 9.0

SUSE Linux Enterprise Server 8.0 and 9.0

TurboLinux 8.0 Workstation and Server

**Note:** The version that supports Linux on System z™ is the same as listed for Red Hat, SUSE, and TurboLinux.

For clients

• Windows 2000 (Professional)
• Windows XP Professional and Home Edition (32-bit)
• Windows Server 2003 Enterprise, Standard and Web (32-bit)
• AIX 5L 5.2, 5.3
• Sun Solaris 8, 9
• HP-UX 11.0, 11i

Red Hat Enterprise Linux AS 2.1, 3.0, and 4.0 (WS, ES, AS)

Red Hat Linux 9.0 Personal and 9.0 Professional

SUSE Linux 8.2 and 9.0

SUSE Linux Enterprise Server 8.0 and 9.0

TurboLinux 8.0 Workstation and 8.0 Server, TurboLinux 10 Desktop


Citrix Metaframe 1.8 for Windows Terminal Server 4.0 and 1.8 for Windows 2000 Server

Citrix Metaframe XP Presentation Server (Versions s, a, e) for Windows

Apple Mac OS X 10.2.1, 10.3, and 10.4

**Note:** A local client is supported only on Windows 32 platforms (Windows XP, 2000, and 2003).

For browsers

• Netscape Navigator 6.1, 6.2, 7.0, 7.1, 7.2, and 8.0
• Microsoft Internet Explorer 5.5, 6.0
• Mozilla 1.7
• FireFox 1.0, 1.5

Browsers supported on Apple Mac system: Firefox 1.5, and Safari V1

JRE levels supported on Apple Mac system: 1.3.1 and 1.4.1, 1.4.2, and 1.5

Java™ Plug-in 1.4.0, 1.4.1, 1.4.2, and 1.5 (IBM, Sun, HP)

For development environments

IBM Rational® Application Developer V6.0

For Web servers

• iPlanet Web Server Enterprise Edition V6.0
• IBM HTTP Server V1.3.28, V2.0.42, V2.0.47, and V6.0
• Microsoft IIS 4, 5, 5.1, 6
• Apache HTTP Server 1.3, 2.0, and 2.2
• Lotus® Domino® R6, R6.5

For LDAP servers

• IBM Directory Server V4.1, V5.1, V5.2
• IBM LDAP Server running on z/OS V1.4, V1.5, V1.6, and V1.7

For Web application servers

• WebSphere Application Server V5.0, V5.0 Express, V5.0.2, V5.1, and V6.0
• iPlanet Application Server V6.0
• Lotus Domino R6

For Web Express Logon

• Tivoli Access Manager for e-business V4.1, V5.1
• Netegrity SiteMinder V5.5
• DB2 Universal Database® V7, V8

Miscellaneous software

• WebSphere Portal for Multiplatforms V5.0 and V5.1
• Acrobat Reader (or Acrobat) V6 and V7
• CICS® Transaction Gateway V5.1, or later

**Note:** Acrobat Reader (or Acrobat) V6.0, or later, is required for DBCS PDF support.

**Planning information**

**Packaging**

Host Access Client Package for Multiplatforms, V6 media packages are distributed with the following materials:

• Passport Advantage media pack pointer sheet
• International Program License Agreement (IPLA) Booklet (generic)
• HACP, V6 License Information booklet (hardcopy license)
• Generic Service and Support flyer
• Quick Start pointer sheet
• Quick Start CD
• WebSphere Host On-Demand V10 service key card
• PCOMM V5.9 service key card
• Four CD-ROMs for Personal Communications for Windows, V5.9
  - Multilingual
  - Korean
  - Simplified Chinese
  - Traditional Chinese
• One CD-ROM for DB2 Connect® V8.2 for Personal Communications for Windows, V5.9
• Nine CD-ROMs for WebSphere Host On-Demand V10
  - Windows, OS/400
  - AIX
  - HP-UX
  - Linux Intel®
  - Linux PPC, Linux iSeries℠
  - Linux zSeries
  - Solaris
  - OS/2, Novell
  - Toolkit

When tape media is specified for WebSphere Host On-Demand, one of the following is also included in the media packages:
• Three 3480 tapes
• One 3590 tape

Service key cards for eGA customers
For customers receiving the product by the electronic software delivery option, you need to register with the IBM Software Internet Service Delivery site. This site enables you to download service updates directly from the Internet. You need to request a service key after registering to access downloads from this site. To request WebSphere Host On-Demand and/or Personal Communications Service Keys, e-mail your request to enetwork@us.ibm.com with “Subject: Passport Advantage Service Key Request” and indicate the product version required. The service key will be returned to your e-mail address.

Security, auditability, and control
HACP Multi runs under the control of the operating system for which it was designed and is subject to the controls that operating system provides.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Software Services
IBM Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an unmatched portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support any critical business need.
Italian, Finnish, Polish) Linux for iSeries Integrated Mid-Market Business Servers, Windows 2000, Windows XP, Solaris (Sun Microsystems), Windows Server 2003, Linux for pSeries Enterprise Servers (Mainframes), Linux for pSeries Unix Servers (incl pSeries Intellistation), 15/05 V5, OS/400 V5.x, AIX 6L, V5, OS/2 Warp V4.x, Other, HP-UX 11.x, Linux for x86Series Intel-based servers IBM 3480 Cartridge — 1/2 Inch CST 34K Kbpi — Uncompressed V6.0.0


**Passport Advantage customer: Media pack entitlement details**

Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

**HACP iSeries V6.0.0**

Entitled maintenance offerings description | Media packs description | Part number
--- | --- | ---

**HACP Multi, V6.0.0**

**ENetwork Pcomm and Host on DEM**

**HACP Multi**


**HACP Multi**


**ENetwork Pcomm and Host on DEM**

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**HACP Multi**


**ENetwork Pcomm and Host on DEM**

**HACP Multi**


206-171
Terms and conditions

This product is only available via Passport Advantage. It is not available as shrinkwrap.

Agreement: IBM International Program License Agreement and License Information document. Proofs of Entitlement (PoE) are required for all authorized use.

Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

License information (LI) form numbers

<table>
<thead>
<tr>
<th>Program name</th>
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<tbody>
<tr>
<td>HACP Multi1</td>
<td>5724-120 L-DDCA-6QQMJ5</td>
</tr>
<tr>
<td>HACP iSeries</td>
<td>5724-121 L-DDCA-6QQND4</td>
</tr>
</tbody>
</table>

On or near the planned availability date, the LI will be available for review on the IBM Software License Agreement Web site


Limited warranty: Yes

Money-back guarantee: If for any reason you are dissatisfied with the program and you are the original licensee, return it within 30 days from the invoice date to the party (either IBM or its reseller) from whom you acquired it for a refund.

For programs acquired under the IBM International Passport Advantage offering, this term applies only to your first acquisition of the program.

Copy and use on home/portable computer

<table>
<thead>
<tr>
<th>Copy and use</th>
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</tr>
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<td></td>
<td>HACP iSeries</td>
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</tbody>
</table>

Volume orders (IVO): No

Passport Advantage applies: Yes, and through the Passport Advantage Web site at

http://www.ibm.com/software/passportadvantage

Usage restriction: Yes

The following text is taken from the Host Access Client Package for Multiplatforms LI documents included with your purchase and is included here for your convenience. Note that the program Unique Terms for IBM Host Access Client Package for iSeries also state that the program may only be used for 5250 emulation.

Program Unique Terms for IBM Host Access Client Package for Multiplatforms, V6

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