IBM ®

# IBM WebSphere Host Integration Solution V4 for multiple platforms — Additional program updates available

## Overview

In one total software offering, the WebSphere® Host Integration Solution can enable virtually every user to access your mission-critical business systems, independent of the platform or network environment.

WebSphere Host Integration Solution consists of IBM:

- Communications Servers
- WebSphere Application Server
- WebSphere Host Publisher
- WebSphere Host On-Demand
- Personal Communications
- WebSphere Studio Site Developer
- WebSphere Host Access Transformation Server

You can choose client and server software that best meets your needs, independent of the platform, network, connectivity, or host system.

WebSphere Host Integration Solution features:

- One fixed price per registered or concurrent user

- Fixed price independent of the total number of clients and servers

- Ability to mix and match quantities of server and client components for any and all available platform environments

- Latest level of component products

WebSphere Host Integration Solution is ideal if you have or need:

- Large number of users

- Multiprotocol environments

- Access from virtually any client machine to business applications on any host or server over any network protocol

- Internet access to mission-critical applications and data on host systems

WebSphere Host Integration Solution — your complete answer to host access and network integration, available from one company.

## Key prerequisites

- Passport Advantage® subscription

- For more information on the latest releases and prerequisites of the software components, visit:

    **http://www.ibm.com/software/ webservers/hostintegration**

*Planned availability date*

October 10, 2003

## At a glance

**IBM Personal Communications for Windows™ V5.7**

- "Designed for Microsoft™ Windows XP" certified

- IPV6 for emulator Telnet sessions

- Multiple print screen support

**WebSphere Host On-Demand V8**

- Access host systems and host applications without a user ID and password

- Run Host On-Demand without a browser

- Incorporate the Host On-Demand terminal and GUI elements into your own application without wiring the beans

- Supports IPV6

- Emulator and database clients now support Macintosh

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# Description

This Web-to-host offering addresses the full e-business cycle with industry-leading host access solutions and unmatched flexibility for any environment. Integrated into the WebSphere solution platform (a comprehensive set of integrated e-business solutions), the WebSphere Host Integration Solution gives you a single point of contact, service, and support to best meet the needs of your network.

WebSphere Host Integration Solution V4 contains the following programs:

## IBM Personal Communications V5.7 for Windows

Personal Communications is a key communications client component of the WebSphere Host Integration Solution LAN, WAN, and remote access and connectivity, providing a security-rich technology bridge to the future.

Personal Communications for Windows V5.7:

- Runs on:
  - Microsoft Windows 95 Release 2
  - Windows 98 or Windows 98 SE
  - Windows Millennium Edition (Windows ME)
  - Windows NT™ 4.0
  - Windows 2000 (Professional, Server and Advanced Server)
  - Windows XP (Professional and Home)

- Is included In the WebSphere Host Integration Solution (registered users offering only)

## WebSphere Host On-Demand V8

Get security-rich Web-to-host access and e-business application programming support with WebSphere Host On-Demand. Access TN3270E, TN5250, VT52/100/200, and CICS® sessions from a Java™-enabled browser. Standard desktop utilities, file transfer, host print, and a GUI can help maximize your productivity. WebSphere Host On-Demand requires no client installation or middle tier server, and it supports your choice of client and server platforms.

WebSphere Host On-Demand can now be run as a portlet within the WebSphere Portal family. Administrators can use the development wizard to create custom WebSphere Host On-Demand portlets with only the functions needed for specific users and groups. Preconfigured sample portlets are available for download either from:

- WebSphere Host On-Demand service key site

  **http://www6.software.ibm.com/aim/home.html**

  Look on the Host On-Demand CSD page under Tools and Utilities.

- Portal portlet catalog

  **http://www-3.ibm.com/software/webservers/portal/portlet/catalog**

## WebSphere Host Publisher V4

This quick and easy program can implement e-business by helping to extend the reach of mission-critical applications to Web browser users and new WebSphere applications, requiring no changes to the existing applications. Extensive legacy application support combined with enterprise class scalability, security, and availability make WebSphere Host Publisher the ideal solution for new Web-to-host deployments.

- WebSphere Host Publisher V4 for AIX®, Windows NT, Windows 2000, Sun Solaris, and IBM @server iSeries™ is included in the WebSphere Host Integration Solution.

- The WebSphere Host Publisher portlet enables the user to include Host Publisher V4 applications in a portlet. Preconfigured sample portlets are available for download from the Portal portlet catalog at:

  **http://www-3.ibm.com/software/webservers/portal/portlet/catalog**

Host Publisher V4 is supported on WebSphere Application Server Advanced Edition (WAS AE) V4 and WebSphere Studio Site Developer (WSSD) V4.0.3.

## WSSD

The WebSphere Host Integration Solution version of WSSD is a comprehensive integrated tool suite. Web developers get what they need to create, manage, and maintain dynamic Web applications that meet open technology standards.

**Note:** WebSphere Host Integration Solution V4 ships with WSSD V4.0.3 and V5. WSSD V4.0.3 does not include the Rational® ClearCase® LT code available in the standard version of WSSD AE V4.0.3.

- Runs on:
  - Windows ME
  - Windows 98
  - Windows NT
  - Windows 2000
  - Windows NT 4.0 with service pack 6a, or later

## WAS

WAS provides a high-performance, open, standards-based deployment environment for Java applications and components, including support for Enterprise JavaBeans (EJB) technology. WAS combines the control and portability of server-side business applications and eXtensible Markup Language (XML) with the performance and manageability of Java technologies. Note: WebSphere Host Integration Solution V4 ships with WAS V4 AE, WAS ND, V5, and WAS ND, V5 for iSeries.

- Available for the concurrent and registered user offerings

- Supports:
  - Windows NT
  - Windows 2000
  - Sun Solaris
  - HP-UX
  - AIX
  - OS/400®

## IBM Communications Server

This security-rich, scalable, and reliable multiple-function and multiple-protocol gateway enables personal computers to communicate with S/390®, AS/400®, and other hosts via a company intranet or the Internet. A TN3270E Telnet server, SNA, and TCP/IP gateways allow traditional access to existing data. You are free to choose applications based on business needs and not the network infrastructure.

The following are included in the WebSphere Host Integration Solution:

- Communications Server for AIX, V6.1

- Communications Server for Windows NT and Windows 2000, V6.1.1

**WebSphere Host Access Transformation Server (HATS) V4**

The WebSphere HATS is a dynamic load-and-go solution for rejuvenating green-screen applications and delivery via HTML. Your legacy applications are given a Web-like GUI through the use of a rules-based transformation engine.

HATS for Multiplatform applications runs on AIX, OS/400, Windows NT, Windows 2000, Sun Solaris, and OS/390® .

**Note:** Minor changes to the shipping versions and releases may occur as newer levels of the components are made available. Refer to the Host Integration Web site for updates to the shipping versions and releases:

> **http://www.ibm.com/software/webservers/ hostintegration**

HATS V4 is supported on WAS V5, WAS ND V5, WAS AE V4, WSSD V4.0.3, and WSSD V5. IBM recommends using HATS V4, including the latest fix packs, with WAS ND V5 and WSSD V5.

**Consulting Services**

The WebSphere Host Integration Solution offering includes services from the Host Integration Services Group to assist you with basic product installation and use. Services must be requested within 90 days of purchase of the WebSphere Host Integration Solution and completed within 150 days of purchase.

A range of installation, configuration, and skills transfer offerings help you realize a more successful implementation of the Host Integration Solution. Services entitlements are based on points associated with your Host Integration Solution sales transaction. Entitlements range from two days to five days. Refer to the following table for details:

```
Number of Points      Entitlement

1,000 — 2,499         Not applicable
2,500 — 4,999         2 days (16 hours) of remote
                       assistance/consulting or
                       one day on site
5,000 — 9,999         3 days (24 hours) of remote
                       assistance/consulting or two
                       consecutive business days on site
10,000 and above      5 days (40 hours) of remote
                       assistance/consulting or 3.5
                       consecutive business days
                       (28 hours) on site
```

An IBM consultant will work with you to determine the most effective use of your services entitlement. If the requested scope of work is greater than the allotted hours, or if it requires customization beyond basic solution implementation, IBM services can work with you to create a customized billable service engagement with credit given for the entitled hours. To request implementation services assistance from the Host Integration Services Group, contact your IBM software sales representative or send an e-mail to AIMHIT@us.ibm.com.

For more information, visit:

> **http://www.ibm.com/software/webservers/ hostintegration/services.html**

**License information**

- The deliverables associated with the order for the Host Integration Solution are Proof of Entitlements (PoEs) only.

- The media should be acquired by ordering the media packs for the WebSphere Host Integration Solution available for ordering under the Passport Advantage offering.

- Each licensed user acquired for a charge can access a combination of servers and clients within and between any of the products included in Host Integration Solution and across platforms.

- The number of Communications Servers installed cannot exceed 10% of the total number of clients installed.

- The license to the program entitles you to install and use one copy of any version of WAS on a machine with a single processor provided that you acquire 50 registered or concurrent user authorizations. You may use one additional copy of any version of WAS on one additional processor for each additional 100 registered or concurrent user authorizations that you acquire.

- The license to the program entitles you to install and use one license of the WSSD component when you acquire 50 registered or concurrent user authorizations. Thereafter, you are entitled to install and use one additional WSSD component for each additional 100 registered or concurrent user authorizations you acquire, up to a total of five licenses of the WSSD component.

### *Accessibility by people with disabilities*

Refer to the individual component programs included in this software solution offering for details pertaining to the features supported for people with disabilities.

## Product positioning

To survive in today's fast-moving marketplace, you must find ways to quickly, securely, and cost-effectively extend the reach of your critical business systems to remote employees, Business Partners, and customers.

The ability to support and effectively use the Web is paramount for competitive delivery of your company's goods, services, and information.

Because the bulk of the world's business applications and data resides on host systems from IBM, integrating these systems with Web technology is vital. You must deliver connectivity and access to a variety of clients, networking technologies (TCP/IP, SNA, and SPX/IPX), operating systems (including OS/2® , AIX, and OS/400), and network types (intranets, extranets, Internet, and wireless). This solution is a total software offering that allows you to build this kind of networking infrastructure.

This solution is for companies that need or have:

- Internet access to business applications and data on host systems

- Existing SNA applications they want to extend over TCP/IP networks

- Scalable infrastructure to accommodate growth and new technology within their business

- The ability to do all the above while leveraging existing networking investment

### *Trademarks*

## Offering Information

Product information will be available through the Offering Information Web site at:

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

Through the Passport Advantage® Web site at:

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

## Technical information

***Hardware requirements:*** Refer to the individual component programs included in this offering for specific hardware requirements.

The WebSphere® Host Publisher for iSeries™, included in WebSphere Host Integration Solution for iSeries, is not offered as a stand-alone product. Therefore, the hardware requirements are included below.

### Host Publisher Server

Host Publisher V4 runs on any iSeries on which WAS is supported. Server model numbers and feature numbers are listed in the WebSphere for iSeries Documentation Center.

In addition, the following are required:

- Minimum of 1 GB RAM

- 200 MB DASD — Host Publisher Server base code Host Publisher Studio

- Pentium™ II 366 processor or higher, Pentium II 450 processor recommended

- Minimum of 128 MB RAM; 256 MB RAM recommended

- 300 MB of free disk space, add more for your Host Publisher applications, 1 GB recommended

- A display with a color depth of 256 colors or higher, and a minimum screen resolution of 800 x 600 pixels

**Note:** These requirements pertain only to Host Publisher Studio. Other products running on the workstation with Host Publisher Studio could require additional resources.

***Software requirements:*** Refer to the individual component products included in this offering for specific software requirements.

The WebSphere Host Publisher for iSeries, included in WebSphere Host Integration Solution for iSeries, is not offered as a stand-alone product. Requirements follow.

### Host Publisher Server

- Host Publisher Server requires OS/400® V4.5, OS/400 V5.1, or OS/400 V5.2 with the latest cumulative PTF fix package applied.

- At least one of the following:

  - WAS Advanced Single Server Edition, V4.0.2, or later

  - WAS AE, V4.0.2, or later

**Note:** If you intend to use Host Publisher in a cloning environment, WAS AE is required.

### Other software

The following software is also required:

**Note:** These products are included in 5769-SS1, 5769-JC1, 5769-JV1 for OS/400 V4 and 5722-SS1, 5722-JC1, 5722-JV1 for OS/400 V5. These are separately installed products included with the OS/400.

- OS/400 Qshell Interpreter
- Toolbox for Java™
- Developer Kit for Java V1.3

### Host Publisher Studio

One of the following operating systems is required:

- Windows NT™ 4.0 (Workstation or Server)

- Windows™ Me

- Windows 98

- Windows 2000 (Professional, Server, and Advanced Server)

- Windows XP

**Note:** The installation path of Host Publisher Studio defaults to c:\HostPub. You may choose to install under a different directory, but the fully qualified path should not exceed 31 characters. If the length of the fully qualified path is greater than 31 characters, the Host Publisher batch files will fail.

***Limitations:*** Refer to the individual component programs included in this offering for specific limitations.

### *Planning information*

***Packaging:*** The deliverables associated with this offering are PoEs only. Media packages can be ordered if required.

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*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.*

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### Security, auditability, and control

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

## Ordering information

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

**Product information**

| Licensed function title | Product group | Product Category |
|---|---|---|
| Host Integration Solution Internet | App Integration Middleware Other | WebSphere |
| Host Integration Solution Intranet | App Integration Middleware Other | WebSphere |

**Passport Advantage supply**

| Program name/description | Part number |
|---|---|
| ***HIS Internet for Multi V4*** | |
| Media Pack Multilingual (French, Korean, Chinese ─Simplified, Spanish, Norwegian Bokmal, Portuguese Brazilian, German, Swedish, Japanese, Chinese ─ Traditional, English U.S., Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Apple Macintosh operating system, Windows 2000, Windows 95, AIX® V4, HP-UX 10.x, Windows XP, Solaris (Sun Microsystems), Linux for zSeries® Enterprise Servers (Mainframes), OS/400 V4, OS/400 V5, Windows 98, Windows NT, Novell NetWare, AIX V5, Windows Me, Other, HP-UX 11.x, OS/2® V2 4 mm Data Cartridge V4 | BM023ML |
| Media Pack Multilingual (French, Korean, Chinese ─Simplified, Spanish, Norwegian Bokmal, Portuguese Brazilian, German, Swedish, Japanese, Chinese ─ Traditional, English U.S., Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Apple Macintosh operating system, Windows 2000, Windows 95, AIX V4, HP-UX 10.x, Windows XP, Solaris (Sun Microsystems), Linux for zSeries Enterprise Servers (Mainframes), OS/400 V4, OS/400 V5, Windows 98, Windows NT, Novell NetWare, AIX V5, Windows Me, Other, HP-UX 11.x, OS/2 V2 IBM 3480 Cartridge ─1/2-Inch CST 34K Kbpi ─ Uncompressed V4 | BM022ML |

| Program name/description | Part number |
|---|---|
| Media Pack Multilingual (French, Korean, Chinese ─Simplified, Spanish, Norwegian Bokmal, Portuguese Brazilian, German, Swedish, Japanese, Chinese ─ Traditional, English U.S., Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Apple Macintosh operating system, Windows 2000, Windows 95, AIX V4, HP-UX 10.x, Windows XP, Solaris (Sun Microsystems), Linux for zSeries Enterprise Servers (Mainframes), OS/400 V4, OS/400 V5, Windows 98, Windows NT, Novell NetWare, AIX V5, Windows Me, Other, HP-UX 11.x, OS/2 V2 CD-ROM Digital Disk ─ISO 9660 Standard V4 | BM021ML |
| ***HIS for Multi Registered V4*** | |
| Media Pack Multilingual (French, Korean, Chinese ─Simplified, Spanish, Norwegian Bokmal, Portuguese Brazilian, German, Swedish, Japanese, Chinese ─ Traditional, English US, Norwegian Nynorsk, Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Apple Macintosh operating system, Windows 2000, Windows 95, AIX V4, HP-UX 10.x, Windows XP, Solaris (Sun Microsystems), Linux for zSeries Enterprise Servers (Mainframes), OS/400 V4, OS/400 V5, Windows 98, AIX V5, Windows Me, Other, HP-UX 11.x, OS/2 V2 IBM 3480 Cartridge ─ 1/2-Inch CST 34K Kbpi ─ Uncompressed V4 | BM026ML |
| Media Pack Multilingual (French, Korean, Chinese ─Simplified, Spanish, Norwegian Bokmal, Portuguese Brazilian, German, Swedish, Japanese, Chinese ─ Traditional, English U.S., Norwegian Nynorsk, Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Apple Macintosh operating system, Windows 2000, Windows 95, AIX V4, HP-UX 10.x, Windows XP, Solaris (Sun Microsystems), Linux for zSeries Enterprise Servers (Mainframes), OS/400 V4, OS/400 V5, Windows 98, AIX V5, Windows Me, Other, HP-UX 11.x, OS/2 V2 CD-ROM Digital Disk ─ ISO 9660 Standard V4 | BM025ML |

| Program name/description | Part number | Entitled maintenance offerings description | Media packs description | Part number |
|---|---|---|---|---|
| Media Pack Multilingual (French, Korean, Chinese ─ Simplified, Spanish, Norwegian Bokmal, Portuguese Brazilian, German, Swedish, Japanese, Chinese ─ Traditional, English US, Norwegian Nynorsk, Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Apple Macintosh operating system, Windows 2000, Windows 95, AIX V4, HP-UX 10.x, Windows XP, Solaris (Sun Microsystems), Linux for zSeries Enterprise Servers (Mainframes), OS/400 V4, OS/400 V5, Windows 98, AIX V5, Windows Me, Other, HP-UX 11.x, OS/2 V2 4 mm Data Cartridge V4 | BM027ML | WBSP HOST INTG SLTN INTERN CNCR USER | HIS Internet for Multi Multilingual (French, Korean, Chinese ─ Simplified, Spanish, Norwegian Bokmal, Portuguese Brazilian, German, Swedish, Japanese, Chinese ─ Traditional, English U.S., Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Apple Macintosh operating system, Windows 2000, Windows 95, AIX V4, HP-UX 10.x, Windows XP, Solaris (Sun Microsystems), Linux for zSeries Enterprise Servers (Mainframes), OS/400 V4, OS/400 V5, Windows 98, Windows NT, Novell NetWare, AIX V5, Windows Me, Other, HP-UX 11.x, OS/2 V2 Data Cartridge | BM023ML |

**Passport Advantage customer: media pack entitlement details:** Customers with active maintenance or subscription for the products listed below are entitled to receive the corresponding media pack.

**HIS Internet for Multi V4**

| Entitled maintenance offerings description | Media packs description | Part number |
|---|---|---|
| WBSP HOST INTG SLTN INTERN CNCR USR | HIS Internet for Multi Multilingual (French, Korean, Chinese ─ Simplified, Spanish, Norwegian Bokmal, Portuguese Brazilian, German, Swedish, Japanese, Chinese ─ Traditional, English U.S., Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Apple Macintosh operating system, Windows 2000, Windows 95, AIX V4, HP-UX 10.x, Windows XP, Solaris (Sun Microsystems), Linux for zSeries Enterprise Servers (Mainframes), OS/400 V4, OS/400 V5, Windows 98, Windows NT, Novell NetWare, AIX V5, Windows Me, Other, HP-UX 11.x, OS/2 V2 CD-ROM Digital Disk ─ ISO 9660 Standard | BM021ML |
| WBSP HOST INTG SLTN INTERN CNCR USER | HIS Internet for Multi Multilingual (French, Korean, Chinese ─ Simplified, Spanish, Norwegian Bokmal, Portuguese Brazilian, German, Swedish, Japanese, Chinese ─ Traditional, English U.S., Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Apple Macintosh operating system, Windows 2000, Windows 95, AIX V4, HP-UX 10.x, Windows XP, Solaris (Sun Microsystems), Linux for zSeries Enterprise Servers (Mainframes), OS/400 V4, OS/400 V5, Windows 98, Windows NT, Novell NetWare, AIX V5, Windows Me, Other, HP-UX 11.x, OS/2 V2 IBM 3480 Cartridge ─ 1/2-Inch CST 34K Kbpi ─ Uncompressed | BM022ML |

**HIS for Multi Registered V4**

| Entitled maintenance offerings description | Media packs description | Part number |
|---|---|---|
| WBSP HOST INTGT SLTN INTRAN REG USR | HIS for Multi Registered Multilingual (French, Korean, Chinese — Simplified, Spanish, Norwegian Bokmal, Portuguese Brazilian, German, Swedish, Japanese, Chinese — Traditional, English U.S., Norwegian Nynorsk, Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Apple Macintosh operating system, Windows 2000, Windows 95, AIX V4, HP-UX 10.x, Windows XP, Solaris (Sun Microsystems), Linux for zSeries Enterprise Servers (Mainframes), OS/400 V4, OS/400 V5, Windows 98, AIX V5, Windows Me, Other, HP-UX 11.x, OS/2 V2 CD-ROM Digital Disk — ISO 9660 Standard | BM025ML |
| WBSP HOST INTGT SLTN INTRAN REG USR | HIS for Multi Registered Multilingual(French, Korean, Chinese — Simplified, Spanish, Norwegian Bokmal, Portuguese Brazilian, German, Swedish, Japanese, Chinese — Traditional, English U.S., Norwegian Nynorsk, Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Apple Macintosh operating system, Windows 2000, Windows 95, AIX V4, HP-UX 10.x, Windows XP, Solaris (Sun Microsystems), Linux for zSeries Enterprise Servers (Mainframes), OS/400 V4, OS/400 V5, Windows 98, AIX V5, Windows Me, Other, HP-UX 11.x, OS/2 V2 4 mm Data Cartridge | BM027ML |

| Entitled maintenance offerings description | Media packs description | Part number |
|---|---|---|
| WBSP HOST INTGT SLTN INTRAN REG USR | HIS for Multi Registered Multilingual(French, Korean, Chinese — Simplified, Spanish, Norwegian Bokmal, Portuguese Brazilian, German, Swedish, Japanese, Chinese — Traditional, English U.S., Norwegian Nynorsk, Turkish, Dutch, Czech, Slovakian, Italian, Finnish, Polish) Apple Macintosh operating system, Windows 2000, Windows 95, AIX V4, HP-UX 10.x, Windows XP, Solaris (Sun Microsystems), Linux for zSeries Enterprise Servers (Mainframes), OS/400 V4, OS/400 V5, Windows 98, AIX V5, Windows Me, Other, HP-UX 11.x, OS/2 V2 IBM 3480 Cartridge — 1/2-Inch CST 34K Kbpi — Uncompressed | BM026ML |

***Withdrawal of previous Passport Advantage part numbers:*** The following Passport Advantage program pack and media pack part numbers will be withdrawn on October 30, 2003.

**WebSphere Host Integration Solution for Intranet (Registered) V3.1 Multiplatforms**

**WebSphere Host Integration Solution for Internet (Concurrent) V3.1 Multiplatforms**

Orders for these part numbers will not be accepted after the stated effective date of withdrawal, nor will normal marketing activities or educational support be available unless previous agreement exists between the customer and IBM.

## Terms and conditions

***Licensing:*** IBM International Program License Agreement. 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 form number:*** L-DDCA-5PSP5L

***Limited warranty applies:*** Yes

***Money-back guarantee:*** If for any reason you are dissatisfied with the program, 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. This applies only to your first acquisition of the program.

***Copy and use on home/portable computer:*** No

*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 WebSphere Host Integration Solution, defined as the "program," is available based on two charging methods: Registered Users and Concurrent Users. Consult your PoE to determine which charging method applies to your license.

The registered version of the program consists of the following components:

- IBM Personal Communications (Personal Communications)

- IBM WebSphere Host On-Demand (HOD)

- IBM WebSphere Host Publisher (Host Publisher)

- IBM Communications Server (Communications Server)

- IBM WebSphere Host Access Transformation Server (HATS)

- IBM WebSphere Studio Site Developer (WSSD)

- IBM WebSphere Application Server (WAS)

The concurrent version of the program consists of the following components:

- IBM WebSphere HOD

- IBM WebSphere Host Publisher

- IBM Communications Server

- IBM WebSphere HATS

- IBM WSSD

- IBM WAS

Except as modified herein, the use of the components will be governed by the license terms that accompany the components.

**Program-unique terms**

The program is available based on two charging methods: registered users and concurrent users. User access on connections made from the Internet and/or intranet must be based on the number of registered users. If determining the number of registered users is possible then the registered user method should be selected. If determining the number of registered users is not possible then the concurrent user method should be selected.

Connections (from either users or other applications) made to the program through other products that act as connection concentrators must be counted as program users and are subject to use-base charges based on the number of registered users or concurrent users.

**Registered users**

A registered user is defined as a person who accesses and uses the program. A registered user is considered a distinct user. A registered user authorization is required for each distinct person that will access and use the program. A registered user license to the program entitles a distinct registered user to access and use the components of the program subject to the limitations under component restrictions below.

**Concurrent user**

The program defines a concurrent user as any person who accesses and uses the program or a concurrent session or connection to an existing application from the program. Examples of sessions and connections would be the program connected to existing applications through TN3270, TN5250, VT, or JDBC connections. A concurrent user authorization is required for each user concurrently accessing and using the program. A concurrent user license to the program entitles any user to access and use the components of the program as long as the total number of users concurrently accessing and using the components at any one time does not exceed the total number of concurrent user authorizations you have acquired. Your use of the program components is subject to the limitations under component restrictions below.

**Component restrictions**

The program is accompanied by one or more versions of WAS. Each version of WAS contains several components. For each copy of WAS you are authorized to install and use under this Agreement, you may choose to install any one version of WAS, so long as you do not mix and match components from different versions. The license to the program entitles you to install and use one copy of any version of WAS on a machine with a single processor provided that you acquire 50 registered or concurrent user authorizations. You may use one additional copy of any version of WAS on one additional processor for each additional 100 registered or concurrent user authorizations that you acquire.

| HIS Registered or Concurrent License | Total copies of WAS |
|---|---|
| 1 — 49 | 0 |
| 50 — 149 | 1 |
| 150 — 249 | 2 |
| 250 — 349 | 3 |
| Etc. | Etc. |

For each copy of WAS to which you are entitled, you are authorized to install and use each component of WAS on a machine with a single processor. Alternatively, you may install and use each copy of WAS on a machine with multiple processors if you either:

- Allocate a copy of WAS to which you are entitled per this agreement to each additional processor on such machine.

- Acquire a Single Processor PoE of WAS for each additional processor on such machine.

- For partitionable iSeries and AS/400® machines running OS/400, allocate a copy of WAS to which you are entitled per this agreement to each additional processor on such machine or acquire a Single Processor PoE of WAS for each processor actually used by the entitled copy of WAS on such machine, as measured or limited using IBM provided tools. To determine the number of processors in a machine actually used by the entitled copy of WAS, you may aggregate portions of physical processors used in the same machine, but you must acquire an additional Single Processor PoE of WAS for any remaining fraction of a processor in such machine used by the entitled copy of WAS after this aggregation.

This license entitles you to use the WAS components only to run Host Publisher, Host Access Transformation Server, and Host On-Demand components of the program, to run objects created by these components, and to

enable connections with these components to other applications and sources of data. This license does not, for instance, entitle you to use the WAS components to run applications which do not require the Host Publisher, Host Access Transformation Server, and Host On-Demand components of the program to operate. Except as modified by this agreement, your use of the WAS components will be governed by the license terms that accompany the WAS components. If you wish to use the WAS components without these restrictions, you must purchase separate authorizations to use the WAS components.

The license to the program entitles you to install and use one license of the WSSD component when you acquire 50 registered or concurrent user authorizations. Thereafter, you are entitled to install and use one additional WSSD component for each additional 100 registered or concurrent user authorizations you acquire, up to a total of five licenses of the WSSD component. Your use of the WSSD component must be in conjunction with the Host Publisher, Host Access Transformation Server, and Host On-Demand components of the program. Subject to these restrictions, you may use the WSSD component for any purpose. If you wish to use of WSSD without these restrictions, you must purchase additional of WSSD licenses.

| HIS Registered or Concurrent License | WSSD Licenses |
| --- | --- |
| 1 — 49 | 0 |
| 50 — 149 | 1 |
| 150 — 249 | 2 |
| 250 — 349 | 3 |
| 350 — 449 | 4 |
| 450 — | 5 |

The program includes portions of DB2 Connect®. You are authorized to install and use one copy of these components only in association with your licensed use of PCOMM in accordance with the terms of the license that accompanies PCOMM.

**Trade-ins:** A Passport Trade-in program is available and the following rules apply:

- Trade-in from Emulators Only — Customers may trade in any full-function IBM or non-IBM 3270 or 5250 Emulation Program User Licenses for an equal number of WebSphere Host Integration Solution Registered or Concurrent User Licenses.

- Trade-in from Web-to-Host Only — Customers may trade in any full function IBM or non-IBM Web-to-host program user license for an equal number of WebSphere Host Integration Solution registered or concurrent user licenses.

- Trade-in from Communications Servers Only — You may trade in any IBM Communications Server concurrent user licenses for an equal number of WebSphere Host Integration Solution registered or concurrent user licenses. For each Communications Server for OS/2 V5 or earlier, or Communications Manager for OS/2 installed, you may trade-in for 14 WebSphere Host Integration Solution registered or concurrent user licenses.

- Trade-in from Emulators and Communications Servers Combined — When trading in from any full-function IBM or non-IBM 3270 or 5250 Emulation Program in conjunction with any IBM Communications Server program, you may trade-in the larger number of user licenses (not the combined total number of user licenses) for an equal number of Host Integration Solution registered or concurrent user licenses.

- Customers who have subscriptions to Host Integration Solution V3 will receive the WebSphere Host Integration Solution V3.1 media pack and are entitled to all product components included with V3.1.

**Program services:** Refer to the individual component products included in the WebSphere Host Integration Solution offering for information pertaining to the end of program services for specific components.

*Software Maintenance applies:* Yes

Software Maintenance, previously referred to as Subscription and Technical Support, is now included in the Passport Advantage Agreement. Installation and technical support for the programs announced in this letter is provided by the Software Maintenance offering of the IBM International Passport Advantage Agreement. This fee service enhances customer productivity by providing voice and/or electronic access into the IBM support organizations.

IBM includes one year of Software Maintenance with the initial license acquisition of each program acquired. The initial period of Software Maintenance can be extended by the purchase of a renewal option that is available.

While your Software Maintenance is in effect: IBM provides you assistance for your routine, short duration installation and usage (how-to) questions; and code-related questions. IBM provides assistance via telephone and, if available, electronic access, only to your information systems technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. This assistance is not available to your end users. IBM provides Severity 1 assistance 24 hours a day, every day of the year. For additional details, consult your IBM Software Support Guide at:

> **http://techsupport.services.ibm.com/guides/ handbook.html**

Software Maintenance does not include assistance for the design and development of applications, your use of programs in other than their specified operating environment, or failures caused by products for which IBM is not responsible under this agreement.

For more information, about the Passport Advantage Agreement refer to the IBM International Passport Advantage Agreement Software Announcement 201-202, dated July 10, 2001. or visit the Passport Advantage Web site at:

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

*IBM operational support services — Support line:* No

*iSeries software subscription applies:* No

# Prices

Contact your IBM representative for pricing information for this announcement.