



# IBM WebSphere Partner Gateway V6.0 extends integration beyond the enterprise

## Overview

WebSphere® Partner Gateway V6.0 extends process integration beyond the enterprise, providing a consolidated business-to-business (B2B) gateway to lower the costs of B2B integration. It integrates external processes and partner communities with internal processes and infrastructures, combining extensive partner profile management capabilities with a simple, reliable, and secure exchange for B2B messages.

WebSphere Partner Gateway is the re-branded, follow-on version to WebSphere Business Integration Connect V4.2, carrying forward all of its capabilities.

WebSphere Partner Gateway enables a single unified B2B partner management environment, that supports traditional EDI and XML-based message data and protocols, such as AS1, AS2, and RosettaNet, for B2B integration.

Transforming your business with WebSphere Partner Gateway lets your business become more responsive to demand. It becomes an enterprise whose business processes — integrated end-to-end across the company and with key partners, suppliers, and customers so it can respond rapidly to changes in customer-demand, market opportunity, or external threat.

WebSphere Partner Gateway V6.0 is available in three editions:

- Express: B2B gateway “spoke” to enable participants for communication over HTTP, HTTPS and AS2 and a maximum of five external connections
- Advanced Edition: B2B gateway hub to integrate large trading partner communities, licensed to a specified number of external connections
- Enterprise Edition: B2B gateway hub to integrate large trading

partner communities with an unlimited number of external connections

New with this release, WebSphere Partner Gateway Advanced and Enterprise Edition V6.0 support:

- Native EDI support including:
  - EDI packaging, transformation and validation support
  - Enveloping, de-enveloping and splitting
  - EDI standards support
- A graphical drag and drop data interchange mapping tool running on Microsoft™ Windows™
- Additional RosettaNet Partner Interface Process (PIPs)
- Usability and performance improvements
- Optional installation on WebSphere Application Server V6.0

In addition, all WebSphere Partner Gateway V6.0 editions provide platform currency support, for the most recent prerequisite operating system release levels.

## Key prerequisites

WebSphere Partner Gateway V6.0 — Express:

- Microsoft Windows
- SUSE LINUX and Red Hat
- IBM i5/OS and OS/400®

WebSphere Partner Gateway V6.0 — Advanced and Enterprise Editions:

- Microsoft Windows
- SUSE LINUX and Red Hat
- IBM AIX®
- Sun Solaris

## Planned availability dates

- June 28, 2005 (electronic software delivery and documentation).
- July 21, 2005 (media).

## At a glance

WebSphere Partner Gateway V6.0 delivers:

- Native electronic data interchange (EDI) support
- FTP scripting support to enable Value Added Network (VAN) connectivity
- Certified RosettaNet and Applicability Statement 2 (AS2) support
- All of the capabilities of WebSphere Business Integration Connect V4.2, including Partner Community Profile Management and support for AS1, AS2, XML, and Web services Internet standards
- Improved usability and performance
- Optional installation on WebSphere Application Server V6.0

### For ordering, contact:

Your IBM representative or the Americas Call Centers at

800-IBM-CALL

Reference: YE001

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## Description

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WebSphere Partner Gateway V6.0 extends process integration beyond the enterprise, providing a consolidated B2B gateway to lower the costs of B2B integration. It integrates external processes and partner communities with internal processes and infrastructures, combining extensive partner profile management capabilities with a simple, reliable, and security-rich exchange for B2B messages.

### Native EDI standards support

WebSphere Partner Gateway V6.0 Advanced and Enterprise Edition provide a unified consolidated B2B gateway hub and partner management environment for process integration, enabling a single point of control for B2B community integration. This can support XML-based Internet standards and traditional EDI.

WebSphere Partner Gateway supports an extensive range of EDI standards, including:

- X12
- EDIFACT
- ODETTE
- UCS and WINS
- VICS
- RAIL
- EANCOM97

The latest set of standards is downloadable from the product support page

<http://www.ibm.com/software/integration/wspartnergateway/support/>

WebSphere Partner Gateway provides significant capabilities to process batched EDI messages, such as:

- Transformation
- Validation
- Functional acknowledgements
- Packaging
- Enveloping
- De-enveloping
- Splitting

It automatically translates EDI format data, such as invoices, purchase orders and billing forms, for use with XML or structured application data formats.

Data validation and standards compliance functions allow functional acknowledgements as defined by some EDI standards.

WebSphere Partner Gateway can be configured to construct and deconstruct envelopes of EDI format data packaged into batches of related items stored in a file, and supports an extensive range of EDI standards.

Graphical EDI mapping tool — WebSphere Partner Gateway includes a dedicated graphical drag and drop mapping tool, Data Interchange Services. It delivers robust any-to-any mapping capabilities for EDI, XML and record-oriented data supporting both fixed length fields and comma-separated values. This tool is available on Microsoft Windows, including support for:

- Graphical drag and drop mapping
- Extensive online help
- Large library of built-in functions for string handling, data manipulation, user-defined error situations, arithmetic operations
- Combine maps via chain, switch and call functions

- Support for special EDI constructs like hierarchical loops (HL segment), drastically reducing mapping efforts
- Extensive compliance checking against the published message definitions is provided for all supported standards, on three configurable levels (full, partial, or none). All levels of validation contribute to the returned functional acknowledgment
- Support for most functional acknowledgments associated with supported standards including the 997, TA1, and CONTRL messages
- Validation maps are provided by IBM and business partners to check compliance with published guidelines for selected industries and hubs, such as full Strategic National Implementation Process (SNIP) level compliance checking for Health Insurance Portability and Accountability (HIPAA) via validation maps and the HIPAA code lists

EDI message tracking — Allows for tracking of messages through the system, using the common repository and including the ability to:

- View status and images of interchanges sent or received
- Drill down to the individual documents within the interchanges to see their functional acknowledgment status

Single Point of Control using the Community Console: All aspects of EDI transformation, validation, acknowledgement, etc can be controlled at the individual trading partner level using the Community Console provided with WebSphere Partner Gateway.

### FTP scripting to enable VAN connectivity

WebSphere Partner Gateway V6.0 supports FTP scripting to exchange B2B documents over an FTP service. Operations on the FTP server are controlled using a script file that contains the FTP commands to execute. Invocations can be scheduled either on an interval, or by date and time.

FTP scripting support can enable access to VANs to support EDI. It can also support gets and puts with a partner's FTP server, and supports a wide variety of standard FTP servers and gateways.

### Certified RosettaNet support

RosettaNet standards have been developed to address the supply chains needs of manufacturers, distributors, resellers, shippers and end users in the Computer and Consumer Electronics (CCE), Electronic Components (EC), Logistics (LG), Semiconductor Manufacturing (SM) and Telecommunications (TC) industries.

For details on RosettaNet standards, visit

<http://www.rosettanet.org>

RosettaNet is a subsidiary of the Uniform Code Council, Inc. (UCC).

WebSphere Partner Gateway V6.0 provides certified support for RosettaNet Implementation Framework (RNIF). Further, WebSphere Partner Gateway V6.0 includes the following RosettaNet PIPs:

PIP	Short Name	RNIF 1.1	RNIF 2.0
01A	Notification of Failure	V1.0	V02.00
2A1	Distribute New Product Information	V02.00	V02.00
2A12	Distribute Product Master	V01.03	V01.03
3A1	Request Quote	V02.00	V02.00
3A2	Request Price and Availability	R02.01	R02.01
3A4	Request Purchase Order	V02.00, V02.02	V02.00, V02.02
3A5	Query Order Status	R02.00	R02.00
3A6	Distribute Order Status	V02.02	V02.02
3A7	Notify of Purchase Order Update	V02.02	V02.02
3A8	Request Purchase Order Change	V01.02, V01.03	V01.02, V01.03
3A9	Request Purchase Order Cancellation	V01.01	V01.01
3B2	Notify of Advance Shipment	V01.01	V01.01
3B3	Distribute Shipment Status	R01.00	R01.00
3B11	Notify of Shipping Order	R01.00A	R01.00A
3B12	Request Shipping Order	V01.01	V01.01
3B13	Notify of Shipping Order Confirmation	V01.01	V01.01
3B14	Request Shipping Order Cancellation	V01.00	V01.00
3B18	Notify of Shipment Documentation	V01.00	V01.00
3C3	Notify of Invoice	V01.01	V01.01
3C4	Notify of Invoice Reject	V01.00	V01.00
3C6	Notify of Remittance Advice	V01.00	V01.00
3C7	Notify of Self-Billing Invoice	V01.00	V01.00
3D8	Distribute Work in Process	V01.00	V01.00
4A1	Notify of Strategic Forecast	V02.00	V02.00
4A3	Notify of Threshold Release Forecast	V02.00	V02.00
4A4	Notify of Planning Release Forecast	R02.00A	R02.00A
4A5	Notify of Forecast Reply	V02.00	V02.00
4B2	Notify of Shipment Receipt	V01.00	V01.00
4B3	Notify of Consumption	V01.00	V01.00
4C1	Distribute Inventory Report	V02.01, V02.03	V02.01, V02.03
5C1	Distribute Product List	V01.00	V01.00
5C2	Request Design Registration	V01.00	V01.00
5C4	Distribute Registration Status	V01.02	V01.02
5D1	Request Ship from Stock and Debit Authorization	V01.00	V01.00
6C1	Query Service Entitlement	V01.00	V01.00

PIP	Short Name	RNIF 1.1	RNIF 2.0
7B1	Distribute Work in Process	V01.00	V01.00
7B5	Notify Of Manufacturing Work Order	V01.00	V01.00
7B6	Notify of Manufacturing Work Order Reply	V01.00	V01.00

**Certified AS2 support — Non-repudiable B2B transactions over the Internet**

WebSphere Partner Gateway provides certified support for AS2 enabling transaction integrity, privacy, and non-repudiation for B2B transactions and electronic data interchange over the internet.

EDI is a set of protocols for conducting highly structured inter-organization exchanges, such as for making purchases or initiating loan requests.

AS2 describes how current Internet standards can be used to achieve transaction integrity, privacy and non-repudiation for process-to-process (real-time) B2B interactions and EDI over HTTP. The AS2 specification was developed as part of the IETF EDIINT Work Group. It provides security for the transport payload through digital signatures and data encryption to ensure reliable, non-repudiable delivery through the use of receipts.

For more information, visit

<http://www.ebusinessready.org/as2.html>

**Optional installation on WebSphere Application Server V6.0**

WebSphere Partner Gateway V6.0 Advanced and Enterprise Edition comes with an embedded version of IBM WebSphere Application Server —Express V6.0, which is included in the product. Customers who are licensed to use WebSphere Application Server V6.0 or WebSphere Application Server —Express V6.0 can optionally install WebSphere Partner Gateway V6.0 on an existing WebSphere Application Server V6.0 installation.

**Follow-on version to WebSphere Business Integration Connect V4.2**

WebSphere Partner Gateway V6.0 is the re-branded, follow-on version to WebSphere Business Integration Connect V4.2, carrying forward its technology and all of its capabilities. WebSphere Partner Gateway V6.0 enables the definition, deployment, and operation of a robust and flexible B2B environment, to consolidate and centralize management of a company's B2B communications with trading partner communities. It provides a single point of control for interactions among partners, and security at the edge of the enterprise.

- Centralized B2B management environment to consolidate the integration of trading partner communities using a variety of B2B standards.
- Central repository for partner profiles, connections and protocols.
- Centralized operational tools with integrated event/alert management, to support logging of B2B transaction delivery, event viewing and document viewing. WebSphere Partner Gateway provides document exchange services with a rich set of operational tools to manage document flows and specialized interactions with each individual trading partner to support service-level agreements.

You can ensure that critical processing windows are met; and you can view alerts about process failures or processes that might not complete on time, and view information about active and completed B2B processes.

- Browser-based, community console supporting participants, managers and operators with user access to the hierarchical information stored in the central repository, depending on their respective authorizations. It provides a single point of control that enables both, reactive problem determination for the hub and its participants, and event-driven real-time solutions to automatically detect events and notify parties as needed.

You can trigger alerts (to the console) and e-mail notifications (to a person in charge) or system management notifications (for example, for Tivoli® software), based on predefined rules to handle exceptions.

- High scalability for large trading communities: The component-based architecture is entirely based on open standards while leveraging robust IBM middleware such as WebSphere Application Server, WebSphere MQ and DB2 Universal Database®. Limited use licenses for WebSphere MQ and DB2® UDB are included for use as an integral part of the Advanced and Enterprise product.
- Security at the edge of the enterprise, including support for Secure Sockets layer (SSL), encryption, decryption, public-key cryptography and certificate validation, in addition to non-repudiation as required for full AS2 compliance, for example.
- Security-rich communications supporting a variety of B2B protocols and standards, including: http(s), Simple Mail Transfer Protocol (SMTP), FTP(S) (Secure File Transfer Protocol), XML, Web services (SOAP), AS1 and AS2, RosettaNet PIPs for RNIF 1.1 and RNIF 2.0, cXML (Commerce XML).
- Extensible and flexible framework to plug-in support for additional protocols and standards. Exits provide an unparalleled way for business partners, services and sophisticated users to extend WebSphere Partner Gateway capabilities seamlessly while retaining its operational advantages.

#### **New platform support in Advanced and Enterprise Edition**

Support for the latest prerequisite software release levels:

- AIX 5.3, in addition to AIX V5.2
- Solaris 9, instead of 8
- Red Hat Enterprise Linux™ Advanced Server V3, instead of V2.1
- SUSE LINUX Enterprise Server V9, in addition to V8
- Microsoft Windows 2003, in addition to Windows 2000
- DB2 UDB Enterprise Edition V8.2, instead of 8.1
- Oracle 10g (10.1.0.3), in addition to Oracle 9i (9.2.0.4)
- MQ V5.3 CSD 8 and above (instead of Fixpack 3)

#### **Express capabilities for partner gateway spokes**

WebSphere Partner Gateway — Express, V6.0 delivers a light-weight, easy-to-use, cost-effective, B2B connectivity tool that leverages AS2 and HTTP standards for transmitting documents over the Internet. New capabilities in this release of the Express edition include:

- National language translations
- Support for the latest prerequisite operating system release levels:
  - i5/OS V5.3, in addition to OS/400 V5.2
  - Red Hat Enterprise Linux Advanced Server V3, instead of V2.1
  - SUSE LINUX Enterprise Server V9, in addition to V8
  - Microsoft Windows 2003, in addition to Windows 2000
- Based on WebSphere Application Server — Express, V6.0

#### **National language support**

The following national language translations are available with initial electronic software delivery:

- Chinese (Simplified)
- Chinese (Traditional)
- French
- German
- Italian
- Japanese
- Korean
- Portuguese (Brazilian)
- Spanish

#### **Trademarks**

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## IBM US Announcement Supplemental Information

June 28, 2005

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### Education support

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IBM delivers a comprehensive portfolio of education services to help customers successfully deploy and integrate IBM's WebSphere® Application and Integration middleware products to their maximum potential.

Education is a key component to ensuring software success. The IBM education team is committed to providing the highest quality education available to help your company prosper in today's competitive marketplace. We take pride in our ability to deliver successful education programs that provide your people with the skills necessary to make your business profitable using IBM software.

The IBM education team works closely with IBM product developers and IBM services organizations to ensure that the courses we offer provide the most up-to-the-minute technical and product information. Our courses place an emphasis on the advanced knowledge and insight that only these sources can provide. We draw from a deep pool of IBM technical experience in the development of our courses, and pass that knowledge on to our students.

For more information about available education offerings, refer to the Web site

<http://www.ibm.com/software/sw-training>

For more information about available WebSphere Partner Gateway education offerings, refer to the Web site

<http://ibm.com/developerworks/websphere/education/enablement/curriculum/#partnergateway>

The following educational offerings are available as listed below:

- Course title: WebSphere Partner Gateway-Implementing Partner Gateway
- Course number: BI154
- Course type: Classroom

IBM Global Services, IT Education Services, provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on the IBM IT Education Services Web site

<http://www-3.ibm.com/services/learning/>

Refer to the IBM IT Education Services Web site for information on course locations and availability dates.

Call IBM IT Education Services at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

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### Consulting and services

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#### IBM Software Services for WebSphere

IBM Software Services for WebSphere is a team of highly skilled consultants with broad architectural knowledge, deep technical skills, and best practices expertise. Our Consultants have close ties with IBM research and development labs providing them with direct access to the product experts. We provide worldwide support for WebSphere products to make it easy for clients and partners to design, build, test, and deploy solutions, helping you to become an On Demand Business.

IBM Software Services for WebSphere supports WebSphere Partner Gateway with services customized to meet your needs. In addition to customized offerings, ISSW also extends the IBM QuickStart for WebSphere Partner Gateway offering. This offering helps you quickly get your WebSphere Business Partner Gateway project off on the right foot by accelerating the installation and configuration of your private trading community and enabling up to five trading partners.

This offering also provides the knowledge transfer that is necessary to ensure your B2B solution remains fully functional. If you have a large number of partners to ramp, ISSW can also provide you with a detailed partner ramping process tailored to meet your specific business needs and a partner ramping plan and schedule to ensure timely onboarding of your highest priority partners.

For additional information on Services in your region, contact ISSW via:

<http://www.ibm.com/developerworks/websphere/services/contacts.html>

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### Offering Information

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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>

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### Publications

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No publications are shipped with these products.

The following product documentation can be downloaded from the WebSphere Partner Gateway product Web sites:

#### For WebSphere Partner Gateway — Express

<http://www.ibm.com/software/integration/wspartnergateway/express/library/infocenter>

*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>.*

- Product overview
- User Guide
- Information Roadmap
- Release Notes

**For WebSphere Partner Gateway — Advanced and Enterprise**

<http://www.ibm.com/software/integration/wspartnergateway/library/infocenter/>

- Product overview
- Installation Guide
- Hub Configuration Guide
- Administration Guide
- Programmer Guide
- Mapping Guide
- PIP Sample
- Enterprise Integration Guide
- Participant Guide
- Information Roadmap
- Release Notes

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## Technical information

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### Hardware requirements

#### WebSphere Partner Gateway — Express

Linux™ operating environment

- Intel™ Pentium™ at 500 MHz or faster
- Main memory: 512 MB minimum
- Hard disk: 225 MB minimum

Windows™ operating environment

- Intel Pentium at 500 MHz or faster
- Main memory: 512 MB minimum
- Hard disk: 200 MB minimum

i5/OS and OS/400® operating environments

- A system capable of running OS/400 V5.2.0 or i5/OS V5.3.0, with a minimum commercial processing workload rating of 300
- Main memory: Minimum 750 MB
- Hard disk: Minimum 150 MB

#### WebSphere Partner Gateway — Enterprise and Advanced

Linux operating environment

- Intel Pentium at 2 GHz or faster
- Main memory: Minimum 2 GB
- Hard disk: Minimum 300 MB

Windows operating environment

- Intel Pentium at 2 GHz or faster
- Main memory: Minimum 2GB
- Hard disk: Minimum 300 MB

AIX® operating environment

- IBM @server® pSeries® machine with 600 MHz processor or faster
- Main memory: Minimum 2 GB
- Hard disk: Minimum 300 MB

Sun Solaris operating environment

- Solaris SPARC 750 MHz
- Main memory: Minimum 2 GB
- Hard disk: Minimum 300 MB

Additional hardware requirements for all of the above Advanced and Enterprise environments:

Actual hardware requirements for your system may be greater, depending on the complexity of your specific environment, throughput and data object size.

- Multiserver installations require network attached shared storage
- Additional servers for added capacity and redundancy
- Additional hard disk capacity needed for document storage

### Software requirements

#### WebSphere Partner Gateway — Express

Linux operating environment

Operating system

- Red Hat Enterprise Linux Advanced Server V3.0 Update 3
- SUSE LINUX Enterprise Server V8 SP3
- SUSE LINUX Enterprise Server V9

Application server — Embedded version of WebSphere Application Server — Express, V6.0 (included in the product)

Windows operating environment

Operating system

- Microsoft™ Windows 2000 Server with SP™ 4
- Microsoft Windows 2000 Advanced Server with SP 4
- Microsoft Windows Server 2003 Standard and Enterprise

Application server — Embedded version WebSphere Application Server — Express, V6.0 (included in the product)

i5/OS and OS/400 operating environments

Operating system

- IBM OS/400 V5.2.0 (5722-SS1), or IBM i5/OS V5.3.0 (5722-SS1)
- QShell Interpreter (5722-SS1, Option 30)
- IBM Java™ Developer Kit, V1.4 (5722JV1, Option 6)
- IBM Toolbox for Java (5722-JC1)
- If using SSL and OS/400 V5.2.0, Crypto Access Provider 128-bit for AS/400® (5722-AC3)

Application server — WebSphere Application Server — Express, V6.0.1, for OS/400 and i5/OS (license-restricted version provided with the product)

### For all of the above operating environments

- A Simple Mail Transport Protocol (SMTP)-based e-mail relay server for delivering e-mail alerts and SMTP messages
- Web browser for console access
  - Microsoft Internet Explorer 6.0 with SP1 or later, or
  - Mozilla 1.4 or 1.7

## WebSphere Partner Gateway Enterprise and Advanced

### Linux operating environment

Operating system

- Red Hat Enterprise Linux Advanced Server V3.0 Update 3
- SUSE LINUX Enterprise Server V8 SP3
- SUSE LINUX Enterprise Server V9

### Windows operating environment

Operating system

- Windows 2000 Server with SP 4
- Windows 2000 Advanced Server with SP 4
- Windows Server 2003 Standard
- Windows Server 2003 Enterprise

### AIX operating environment

Operating system

- AIX 5L 5.2 with Recommended Maintenance package 5200-03
- AIX 5L 5.3

### Sun Solaris operating environment

Operating system — Solaris 9 with the Recommended Patch Cluster of June 2004

### Additional software requirements for all of the above Advanced and Enterprise environments

Application server

- Embedded version of WebSphere Application Server — Express, V6.0 (included in the product)
- WebSphere Application Server — Express, V6.0 or WebSphere Application Server, V6.0 (optional)

Web browser for console access

- Microsoft Internet Explorer 6.0 with SP1 or later, or
- Mozilla 1.4 or 1.7

A Simple Mail Transport Protocol (SMTP)-based e-mail relay server for e-mail alert delivery and SMTP message delivery

Database, one of the following:

- DB2® Enterprise Server Edition 8.2 (included with terms and conditions limitations for embedded use only)
- Oracle Enterprise Edition 9i Release 2 (9.2.0.4)
- Oracle Enterprise Edition 10g Release 1 (10.1.0.3)

Messaging: WebSphere MQ, V5.3, Fix Pack CSD 08 or later, (included with terms and conditions limitations for embedded use only) and with Publish/Subscribe SupportPac™ MA0C

Dedicated servers are recommended for database and messaging.

Graphical tooling included with advanced and enterprise editions is the Data Interchange Services V 6.0 mapping client.

Tooling

- Data Interchange Services, the EDI mapping tool available with Advanced and Enterprise editions, runs on any of the Windows operating environments supported by the WebSphere Partner Gateway server or one of the following:
  - Microsoft Windows 2000 Professional
  - Microsoft Windows 2003 Professional
  - Microsoft Windows XP Professional

A tool of choice can be used to build Java user exits, modify XML-based messages and create XSLT-based transformations, for import via the WebSphere Partner Gateway Community Console. Examples of such tools of choice are

- WebSphere Studio Application Developer V5.1
- Rational® Application Developer V6

### *Planning information*

Software Maintenance, previously referred to as Software Subscription and Technical Support, is included in the Passport Advantage Agreement. Installation and technical support is provided by the Software Maintenance offering of the IBM International Passport Advantage Agreement. This fee service enhances customer productivity, with voice and electronic access into IBM support organizations.

Software Maintenance, previously referred to as Software Subscription and Technical Support, is included in the Passport Advantage Agreement. Installation and technical support is provided by the Software Maintenance offering of the IBM International Passport Advantage Agreement. This fee service enhances customer productivity, with voice and electronic access into IBM support organizations.

**Packaging:** WebSphere Partner Gateway — Express V6.0 Media Pack

- WebSphere Partner Gateway — Express V6.0 — 3 CDs
- WebSphere Application Server Express for iSeries™ — 1 CD (limited terms and conditions)

WebSphere Partner Gateway Advanced Edition V6.0 Media Pack

- WebSphere Partner Gateway Advanced Edition — V6.0 — 4 CDs
- Data Interchange Services (Mapping Tool) V6.0 — 1 CD
- DB2 Enterprise Server Edition, V8.2 — 6 CDs (limited terms and conditions)
- DB2 Administration Client, V8.2 — 5 CDs (limited terms and conditions)
- DB2 Runtime Client V8.2 — 4 CDs (limited terms and conditions)
- WebSphere MQ Server, V5.3.0.2 — 4 CDs (limited terms and conditions)
- WebSphere MQ Client, V5.3.0.2 — 2 CDs (limited terms and conditions)

WebSphere Partner Gateway Enterprise Edition V6.0 Media Pack

- WebSphere Partner Gateway Enterprise Edition V6.0 — 4 CDs
- Data Interchange Services (Mapping Tool) V6.0 — 1 CD

- DB2 Enterprise Server Edition, V8.2 — 6 CDs (limited terms and conditions)
- DB2 Administration Client V8.2 — 5 CDs (limited terms and conditions)
- DB2 Runtime Client V8.2 — 4 CDs (limited terms and conditions)
- WebSphere MQ Server, V5.3.0.2 — 4 CDs (limited terms and conditions)
- WebSphere MQ Client, V5.3.0.2 — 2 CDs (limited terms and conditions)

The program, when downloaded from a Web site, contains the applicable IBM license agreement, and license information (LI), if appropriate and will be presented for acceptance at the time of installation of the program. The license and LI will be stored in a directory such as LICENSE.TXT for future reference.

### **Security, auditability, and control**

WebSphere Partner Gateway V6.0 uses the security and auditability features of the J2EE Application Server that this code runs on.

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

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### **Ordering information**

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

Licensed function title	Product group	Product category
IBM WebSphere Partner Gateway Advanced Edition	App Integration Middleware Other	WebSphere
IBM WebSphere Partner Gateway Enterprise Edition	App Integration Middleware Other	WebSphere
IBM WebSphere Partner Gateway — Express	App Integration Middleware Other	WebSphere

WebSphere Business Partner Gateway Advanced Edition is priced as follows:

- Per processor
- Per connection
- Per sub-capacity processor

WebSphere Business Partner Gateway Enterprise Edition is priced as follows:

- Per processor
- Per sub-capacity processor

WebSphere Business Partner Gateway — Express is priced as follows:

- Per processor
- Per connection

### **Charge metrics definitions**

#### **“Per processor” charging under Full Capacity**

In Full Capacity charging — where charges are based on a capacity based metric, such as a processor, PoEs must be acquired for all capacity that is active on the server where the program or a component of the program is run.

As an example, a customer has ordered a server with four processors. The server is shipped with six processors, but two of them are “inactive”. Thus, four processors are active for the customer.

#### **Notes**

1. IBM defines a physical processor in a computer as a functional unit that interprets and executes instructions. A physical processor consists of at least an instruction control unit and one or more arithmetic and logic units.
2. Multicore technology allows two or more processors (commonly called “cores”) to be active on a single silicon chip. With multicore technology, IBM considers each “core” to be a physical processor. For example, in a dual-core chip, there are two physical processors residing on the single silicon chip.
3. In the IBM *@server* zSeries® Integrated Facility for Linux (IFL) environment, each IFL engine is considered a single “physical processor”.
4. Threading, a technique which makes a single processor seem to perform as two or more, does **NOT** affect the count of physical processors.
5. Where “blade” technology is employed, each “blade” is considered a separate server and charging is based upon the total number of processors on the blade on which the program is run.

#### **“Per processor” charging under sub-capacity (when available)**

Required authorized use for eligible programs is based upon the highest observed daily utilization of the partition(s) where the program or a component of the program, executes during a reporting period as measured by an IBM license management tool. IBM license management tool use is required for your submission of periodic reports to IBM. For each sub-capacity eligible software program, the required authorized use is reevaluated based upon the quarterly sub-capacity reports submitted to IBM.

- The number of authorizations you must acquire is the smaller value of either of the following methods:
  - The total number of active (available for use) processors in the machine, or
  - The sum of (1) and (2) as follows (any remaining fraction of a processor must be rounded up to a full processor in the final aggregation)
    1. When a program is run in partitions with dedicated processors, the sum of the Processing Units of those partitions, and



2. When a program is run in partitions that are members of a Shared Processing Pool, the smaller of:

- The number of processors assigned to the pool, or
- The sum of the virtual processors of each Uncapped Partition plus the Processing Units in each Capped Partition running a program.

- z/VM® Guest Charging

- The total number of active (available for use) processors in the machine, or
- The sum of (1) and (2) as follows (any remaining fraction of a processor must be rounded up to a full processor in the final aggregation)
  1. When a program is run in VM Guests with dedicated processors, the sum of the IFL engines of those VM Guests, and
  2. When a program is run in VM Guests that are members of a Shared Processing Pool (z/VM), the smaller of:
    - The number of processors assigned to the z/VM pool, or
    - The sum of the IFL engines in each z/VM pool running a program.

#### Notes

1. IBM defines a physical processor in a computer as a functional unit that interprets and executes instructions. A physical processor consists of at least an instruction control unit and one or more arithmetic and logic units.
2. Multicore technology allows two or more processors (commonly called “cores”) to be active on a single silicon chip. With multicore technology, IBM considers each “core” to be a physical processor. For example, in a dual-core chip, there are two physical processors residing on the single silicon chip.
3. In the zSeries IFL environment, each IFL engine is considered a single “physical processor”.
4. Threading, a technique which makes a single processor seem to perform as two or more, does not affect the count of physical processors.

#### Passport Advantage program licenses

Part description	Part number
<b>WebSphere Partner Gateway (WPG) — Express</b>	
WPG — Express Conn(s) from WBIC — Express Conn(s) TRDUP LIC+SW MNT 12MO	D5570LL
WPG — Express Connection(s) License & SW Maintenance 12 Months	D5555LL
WPG — Express Connection(s) SW Maintenance Annual Renewal	E01TNLL
WPG — Express Connection(s) SW Maintenance Reinstatement 12 Months	D5556LL
WPG — Express Proc(s) from WBIC — Express Proc(s) TRDUP LIC+SW MNT 12MO	D556ZLL
WPG — Express Processor(s) License & SW Maintenance 12 Months	D5551LL
WPG — Express Processor(s) SW Maintenance Annual Renewal	E01TLLL
WPG — Express Processor(s) SW Maintenance Reinstatement 12 Months	D5552LL
<b>WebSphere Partner Gateway — Advanced Edition</b>	
WPG Advanced Connection(s) License & SW Maintenance 12 Months	D5557LL
WPG Advanced Connection(s) SW Maintenance Annual Renewal	E01TPLL
WPG Advanced Connection(s) SW Maintenance Reinstatement 12 Months	D5558LL
WPG Advanced Connection(s) from WBIC Advanced Conn(s) TRDUP LIC+SW MNT 12MO	D556XLL
WPG Advanced Proc(s) from WBIC Advanced Proc(s) TRDUP LIC+SW MNT 12MO	D556WLL
WPG Advanced Processor(s) License & SW Maintenance 12 Months	D5553LL
WPG Advanced Processor(s) SW Maintenance Annual Renewal	E01TMLL
WPG Advanced Processor(s) SW Maintenance Reinstatement 12 Months	D5554LL
<b>WebSphere Partner Gateway — Enterprise Edition</b>	
WPG Enterprise Proc(s) from WBIC Enterprise Proc(s) TRDUP LIC+SW MNT 12MO	D556YLL
WPG Enterprise Processor(s) License & SW Maintenance 12 Months	D554ZLL
WPG Enterprise Processor(s) SW Maintenance Annual Renewal	E01TKLL
WPG Enterprise Processor(s) SW Maintenance Reinstatement 12 Months	D5550LL

**Passport Advantage supply**

<b>Program name/description</b>	<b>Part number</b>
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**WebSphere Partner Gateway — Express V6.0.0**

Media Pack Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows Server 2003, i5/OS V5, OS/400 V5, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V6.0.0	BM03FML
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**WebSphere Partner Gateway — Advanced V6.0.0**

Media Pack Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V6.0.0	BM03DML
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**WebSphere Partner Gateway — Enterprise V6.0.0**

Media Pack Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V6.0.0	BM03EML
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**Passport Advantage customer: Media pack entitlement details**

Customers with active maintenance or subscription for IBM WebSphere Business Integration Connect will receive entitlement to the equivalent edition of IBM WebSphere Partner Gateway. Please contact your IBM sales representatives for ordering information.

**WPG Enterprise V6.0.0**

Entitled maintenance offerings description	Media packs description	Part number
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WebSphere Partner Gateway Enterprise Edition per Processor	WPG Enterprise Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	BM03EML
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WebSphere Partner Gateway Enterprise Sub-Capacity Processor	WPG Enterprise Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	BM03EML
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WebSphere Partner Gateway Enterprise Sub-Capacity Processor	WPG Enterprise Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	BM03EML
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WebSphere Partner Gateway Enterprise Sub-Capacity Processor	WPG Enterprise Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	BM03EML
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WebSphere Partner Gateway Enterprise Sub-Capacity Processor	WPG Enterprise Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	BM03EML
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WebSphere Partner Gateway Enterprise Sub-Capacity Processor	WPG Enterprise Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	BM03EML
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**WPG Advanced V6.0.0**

Entitled maintenance offerings description	Media packs description	Part number
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WebSphere Partner Gateway Advanced Edition per Connection	WPG Advanced Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	BM03DML
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WebSphere Partner Gateway Advanced Edition per Connection	WPG Advanced Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	BM03DML
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WebSphere Partner Gateway Advanced Edition per Connection	WPG Advanced Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	BM03DML
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Entitled maintenance offerings description	Media packs description	Part number
WebSphere Partner Gateway Advanced Edition per Processor	WPG Advanced Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese–Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD–ROM Digital Disk — ISO 9660 Standard	BM03DML
WebSphere Partner Gateway Advanced per Sub-Capacity Processor	WPG Advanced Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese–Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows XP, Windows Server 2003, AIX 5L, V5, Other, Linux for x86Series Intel-based servers CD–ROM Digital Disk — ISO 9660 Standard	BM03DML

### WPG — Express V6.0.0

Entitled maintenance offerings description	Media packs description	Part number
WebSphere Partner Gateway — Express per Connection	WPG — Express Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese–Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows Server 2003, i5/OS V5, OS/400 V5, Linux for x86Series Intel-based servers CD–ROM Digital Disk — ISO 9660 Standard	BM03FML
WebSphere Partner Gateway — Express per Processor	WPG — Express Multilingual (English International, French, Korean, Chinese — Simplified, Spanish, Portuguese–Brazilian, German, Japanese, Chinese — Traditional, Italian) Windows 2000, Windows Server 2003, i5/OS V5, OS/400 V5, Linux for x86Series Intel-based servers CD–ROM Digital Disk — ISO 9660 Standard	BM03FML

### Sub Capacity

Part description	Part number
<b>WebSphere Gateway Enterprise Edition</b>	
WPG Enterprise Sub-Capacity Processor License & SW Maintenance 12 Months	D554VLL
WPG Enterprise Sub-Capacity Processor SW Maintenance Annual Renewal	E01TILL
WPG Enterprise Sub-Capacity Processor SW Maintenance Reinstatement 12 Months	D554WLL
<b>WebSphere Partner Gateway Advanced Edition</b>	
WPG Advanced Sub-Capacity Processor License & SW Maintenance 12 Months	D554XLL
WPG Advanced Sub-Capacity Processor SW Maintenance Annual Renewal	E01TJLL
WPG Advanced Sub-Capacity Processor SW Maintenance Reinstatement 12 Months	D554YLL

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