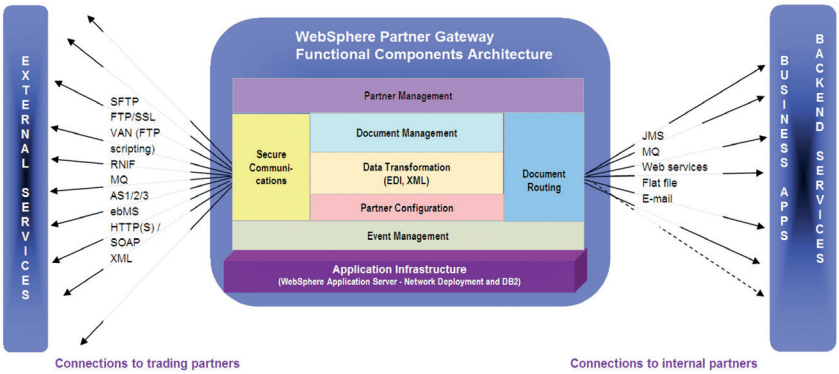
Provides centralized B2B trading-partner and transaction management through a single, consolidated gateway

WebSphere® software

IBM WebSphere Partner Gateway

Highlights

- ***Provides centralized B2B trading-partner and transaction management through a single, consolidated gateway***
- ***Transforms data between internal application and external standards-based formats, such as EDI and XML industry implementations***
- ***Provides connectivity with WebSphere Transformation Extender***
- ***Provides trading-partner self-management and administration capabilities***
- ***Supports extensibility through the WebSphere Partner Gateway User Exit Framework***



WebSphere Partner Gateway: A highly scalable, components-based integrated B2B environment

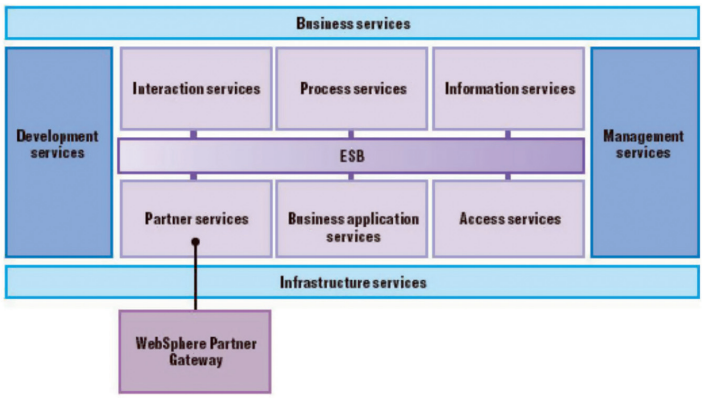
Business processes extend across supply and value chains on a global basis, and companies depend upon trading partners to run their businesses smoothly. Processes and rules change constantly—and you must quickly disseminate these changes to your trading partners. To keep pace, it is crucial that you strengthen your trading-partner relationships through tighter automated integration, so that you can make your trading partners an extension of your enterprise. You also have to comply with internal and external governance, including regulatory and reporting requirements associated with integrating your processes with those of your trading partners. In addition, over the past 20 years, there has been an unintended proliferation of connectivity protocols and industry data formats based on industry and geography. As a result, you need flexible and scalable business-to-business (B2B) gateways that can allow you to centralize, consolidate and efficiently manage all of your B2B trading-partner integration.

To help meet these needs, IBM WebSphere® Partner Gateway, Version 6.2 provides a centralized and consolidated B2B trading-partner and transaction-management application to enable and manage process and data integration with trading partners. It is an integral part of the WebSphere service oriented architecture (SOA) and business process management (BPM) portfolio because of its ability to participate in SOA implementations and to enable organizations to integrate their trading partners within their BPM implementations.

WebSphere Partner Gateway, Version 6.2 is particularly useful for companies that need a single point of management for all B2B trading-partner integration and that need to support a wide range of B2B transport protocols, such as Electronic Data Interchange over the Internet (EDIINT) AS1, AS2 and AS3; commerce XML (cXML); RosettaNet Implementation Framework (RNIF), Version 1.1 and 2.0; and e-business XML Messaging Service (ebMS), Version 2.0, as well as EDI and industry XML implementations.

What's new in IBM WebSphere Partner Gateway, Version 6.2

WebSphere Partner Gateway, Version 6.2 incorporates and builds upon the capabilities of the previous release by adding substantial new functions, as well as performance and usability enhancements. These functions and enhancements include:



SOA Reference Architecture: WebSphere Partner Gateway (B2B) tightly aligned with SOA and BPM

- **Integration with WebSphere Transformation Extender using the WebSphere Partner Gateway User Extensibility Framework**
  Ready-to-use integration with WebSphere Transformation Extender provides EDI-X12, EDIFACT and any-to-any transformation using the WebSphere Partner Gateway User Extensibility Framework. This integration makes it easier for users to build custom integration points for WebSphere Transformation Extender.
- **ISA plug-in for log file collection and transmission**
  This enhanced plug-in helps users collect and send required logs and traces when troubleshooting problems.
- **Links to error messages**
  Links to error messages are provided when detailed information about the error is available.
- **WebSphere Partner Gateway First Steps page enhancements**
  Users can start and stop WebSphere Partner Gateway applications (Receiver, Console and Router) from the First Steps page.
- **Script to update WebSphere Partner Gateway settings in relocation or redeployment**
  A new script helps users update the IP address and host name when relocating or redeploying WebSphere Partner Gateway.
- **Prompt to restart WebSphere Partner Gateway when required**
  Users are prompted to restart the WebSphere Partner Gateway servers after the WebSphere Partner Gateway configuration has been changed.
- **Run installation verification test (IVT) after installing WebSphere Partner Gateway components**
  After WebSphere Partner Gateway components have been installed, an IVT is automatically run to confirm whether the installation was successful.

- **Export or import the complete WebSphere Partner Gateway configuration**
  Users can export and import all of the configuration information from WebSphere Partner Gateway.
- **Provide support for auto-upgrade**
  The existing WebSphere Partner Gateway version can be automatically upgraded to the version that is installed without manual intervention.
- **Provide console-based Archiver with scheduler**
  Users can configure and schedule Archiver activity from the WebSphere Partner Gateway console, which drastically reduces the administrative work involved in Archiver.
- **Federate into an existing WebSphere Application Server cell**
  WebSphere Partner Gateway can be installed on the existing WebSphere Application Server Network Deployment cell, enabling partners to manage their applications in a single WebSphere Application Server cell.
- **SFTP support**
  Support for secure FTP (SFTP) provides secure communications over Secure Shell (SSH).
- **CPP/CPA Editor for ebMS**
  The ebMS CPP/CPA Editor enables partners to create CPP and CPA documents quickly, which in turn reduces the partner on-boarding time.
- **Performance improvements**
  Improved Archiver performance enables partners to run the Archiver with out bringing down the servers and helps them to archive or purge data quickly. In addition, throughput is improved for AS2 and AS3 documents, including large files.

Hardware requirements

IBM AIX® operating environment

- *Processor: IBM System i® or IBM System p® model at 600 MHz or faster*
- *Main memory: 2 GB minimum*
- *Hard disk: Minimum 1.3 GB (1350 MB) available disk space for installation*

HP-UX on Intel® Itanium® operating environment

- *Processor: Intel Itanium 2 processor*
- *Main memory: 2 GB minimum*
- *Hard disk: Minimum 1 GB (1080 MB) available disk space for installation*

Linux® for Intel x86 or x86-64 operating environment

- *Processor: Intel Pentium® at 2 GHz or faster, or Intel Xeon® at 3 GHz or faster*
- *Main memory: 2 GB minimum*
- *Hard disk: Minimum 1.3 GB (1350 MB) available disk space for installation*

Linux for IBM POWER™ operating environment

Linux for IBM System i operating environment

- *Processor: System i models that support logical partitioning (LPAR) (64-bit kernel support only) with a minimum of 450 commercial processing workload (CPW) in the Linux partition*
- *Main memory: 2 GB minimum*
- *Hard disk: Minimum 1.3 GB (1350 MB) available disk space for installation*

Linux for IBM System p operating environment

- *Processor: System p models that support Linux (64-bit kernel support only)*
- *Main memory: 2 GB minimum*
- *Hard disk: Minimum 1.3 GB (1350 MB) free disk space for installation*

Sun Solaris operating environment

- *Processor: Sun SPARC at 750 MHz or faster*
- *Main memory: 2 GB minimum*
- *Hard disk: Minimum 1.3 GB (1350 MB) available disk space for installation*

Microsoft® Windows® operating environment

- *Processor: Intel Pentium(x86 or x86-64) at 2 GHz or faster, or Intel Xeon at 3 GHz or faster*
- *Main memory: 2 GB minimum*
- *Hard disk: Minimum 1.3 GB (1350 MB) available disk space for installation*

Software requirements

AIX operating environment

- *For 32 bit: IBM AIX 5L™, Version 5.2 and 5.3*
- *For 64 bit: AIX 5L, Version 5.2 and 5.3*

HP-UX operating environment

- *For 64-bit Itanium: HP-UX 11i, Version 2,3*

Linux for Intel x86 operating environment

For 32 bit, one of the following:

- *Red Hat Enterprise Linux, Version 4, and 5*
- *Novell SUSE Linux Enterprise Server, Version 9 and 10*

For 64 bit, one of the following:

- *Red Hat Enterprise Linux, Version 5*
- *Novell SUSE Linux Enterprise Server, Version 10*

Linux for POWER operating environment

For 32 bit, one of the following:

- *Red Hat Enterprise Linux AS, Version 4 and Version 5*
- *Novell SUSE Linux Enterprise Server, Version 10*

For 64 bit, one of the following:

- *Red Hat Enterprise Linux AS, Version 4 and Version 5*
- *Novell SUSE Linux Enterprise Server, Version 10*

Sun Solaris operating environment

- *For 32 bit: Sun Solaris (SPARC) Operating Environment, Version 9 or Sun Solaris Operating System 10*

Windows operating environment

For 32 bit, one of the following:

- *Windows Server® 2003 Standard*
- *Windows Server 2003 Enterprise*

For 64 bit, one of the following:

- *Windows Server 2003 Standard x64 Edition*
- *Windows Server 2003 Enterprise x64 Edition*

Other software requirements

Application server (one of the following)

WebSphere Application Server Network Deployment, Version 6.1 (included for use with WebSphere Partner Gateway only)

WebSphere Application Server, Version 6.1 (optional)

Web browser for console access (one of the following)

Microsoft Internet Explorer, Version 6.0 with Service Pack (SP) 1 or later

Mozilla, Version 1.4 or 1.7.

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

Databases (one of the following)

DB2® Universal Database Enterprise Server Edition, Version 8.2 Fixpack 7
DB2 Enterprise Server Edition, Version 9.1 Fixpack 3
DB2 Enterprise Server Edition Version 9.5 (included with terms and conditions limitations for use with WebSphere Partner Gateway only)
Oracle Enterprise Edition 9i, Release 2 (9.2.0.8)
Oracle Enterprise Edition 10g, Release 1 (10.1.0.5)
Oracle Enterprise Edition 10g, Release 2 (10.2.0.3)
Oracle 11i

For more information

To learn more about IBM WebSphere Partner Gateway, Version 6.2, please contact your IBM marketing representative or IBM Business Partner, or visit the following Web site: www-01.ibm.com/software/integration/wspartnergateway/

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October 2008
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