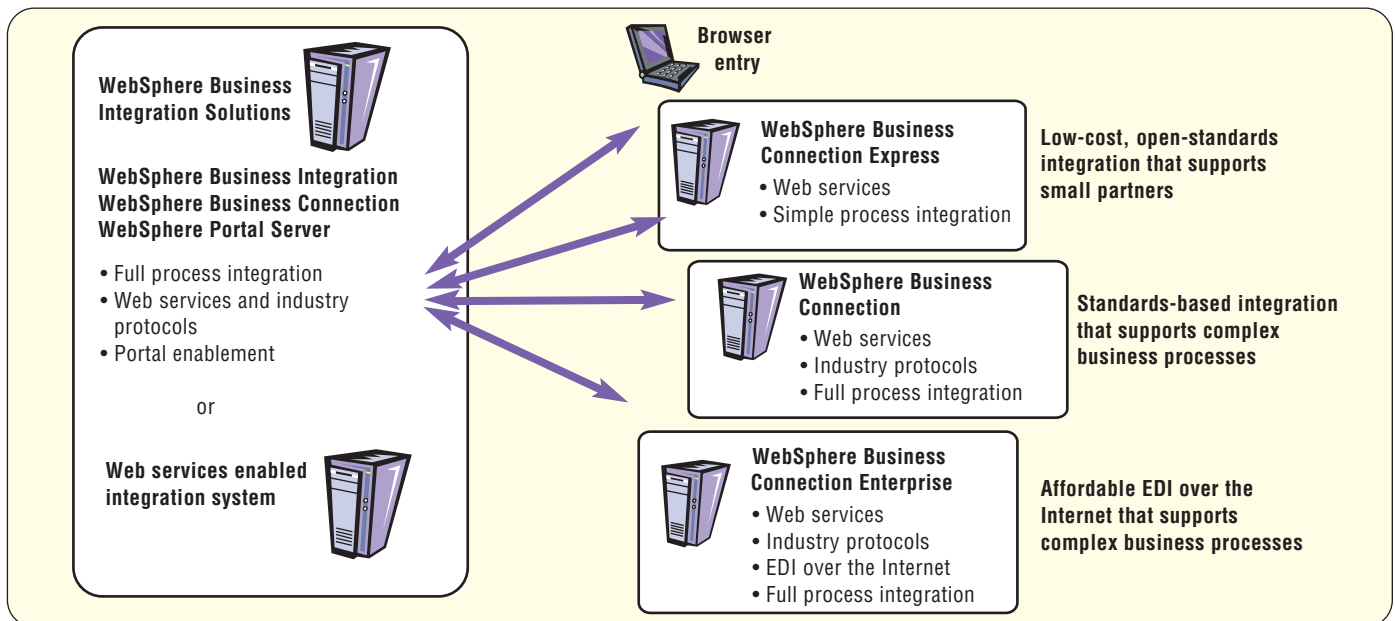**IBM**

WebSphere software

IBM WebSphere Business Connection

Highlights

■ **Facilitates B2B process integration and data sharing for any type or size of business**

■ **Links businesses through scalable offerings that use industry-standard and Web services protocols**

■ **Includes process integration middleware to collaborate with trading partners**

■ **Lets you start with a simple, low-cost Web services connection and grow to support additional trading partners and more complex business processes**

■ **Helps reduce integration costs and enables faster deployment of new processes and services**

■ **Offers extensible solutions as part of the IBM WebSphere Business Integration family of offerings**

Today's businesses face numerous integration challenges. Internally, they must connect disparate systems to leverage their infrastructure investments, control IT management costs, support emerging industry standards and maintain system and asset security. Externally, businesses must connect with trading partners to widen their supply chain, create new services and accelerate time-to-market schedules. Improving business-to-business (B2B) relationships through process integration is a key require-ment for successful companies to increase return on investment (ROI) and transform their business into an effective e-business.

WebSphere Business Integration Solutions

WebSphere Business Integration WebSphere Business Connection WebSphere Portal Server

• Full process integration
• Web services and industry protocols
• Portal enablement

or

Web services enabled integration system

Browser entry

WebSphere Business Connection Express
• Web services
• Simple process integration

Low-cost, open-standards integration that supports small partners

WebSphere Business Connection
• Web services
• Industry protocols
• Full process integration

Standards-based integration that supports complex business processes

WebSphere Business Connection Enterprise
• Web services
• Industry protocols
• EDI over the Internet
• Full process integration

Affordable EDI over the Internet that supports complex business processes

IBM WebSphere Business Connection software offers a comprehensive software platform that leverages advanced Web services integration technology.

You can implement a successful B2B integration infrastructure that connects you to your trading partners with IBM WebSphere® Business Connection. Automate your supply chain. Participate in an industry-wide trading exchange. Implement e-procurement. Or extend new services that help lower operational costs and create new business opportunities. Your company and your trading partners can benefit from the reduced integration costs and faster deployment of new processes and services using open standards and proven technology.

WebSphere Business Connection, part of the WebSphere Business Integration family of offerings, provides a scalable set of offerings that link your business to trading partners using industry-standard and Web services protocols:

- *WebSphere Business Connection Express Edition offers 10 Web services-based connections with low implementation costs and speedy deployment for small trading partners.*

- *WebSphere Business Connection accommodates 50 Web services-based connections and one Trading Partner Interchange (TPI)-based connection. It delivers rapid deployment by enabling a wide range of industry protocols, along with a powerful process integration engine and available library of prebuilt business processes.*

- *WebSphere Business Connection Enterprise Edition accommodates 100 Web services-based connections. It enables electronic document interchange (EDI) over the Internet using a powerful process integration engine, EDI library and EDI transformation tool.*

Start with a small investment

Start simple with the low-cost Web services connection offered by WebSphere Business Connection Express Edition. Grow to support additional connectivity requirements and more complex business processes using WebSphere Business Connection and WebSphere Business Connection Enterprise Edition. Use WebSphere adapters to link back-end systems and applications to enhance the long-term value of your networked system.

Scalable offerings for future value

WebSphere Business Connection allows you to focus on implementing B2B projects whether they are simple or complex. Trading partners can deploy software to solve today's integration needs and grow to add partners and implement more business processes as needed. With these secure, scalable offerings, you can help ensure future value through long-term availability, open standards and a full range of IBM service and support. WebSphere Business Connection offerings can help you:

- *Accelerate e-business initiatives with customers, suppliers, trading partners and employees.*

- *Improve ROI and operational efficiency with low- implementation cost, speedy deployment and a range of functional and pricing models.*

- *Create a collaborative business integration environment that allows you to do more with less, increase productivity and form deeper relationships with trading partners.*

- *Provide a growth path for business processes through prebuilt packages of industry-specific processes.*

- *Implement fast deployment for small trading partners.*
- *Connect with available global implementation providers such as IBM Global Services.*
- *Create opportunities for competitive advantage, such as integration with business intelligence, supply chain partners, procurement providers, outsourcing services and customer relationship management (CRM) services.*

Flexible solutions fit your changing needs

IBM offers three editions of WebSphere Business Connection — all designed to meet the needs of a wide range of trading partners. Each of the offerings uses a modular approach to help speed deployment, give you a clear upgrade path and allow you to reuse business process flows. Available adapters allow you to quickly integrate legacy systems and applications.

WebSphere Business Connection Express Edition

This edition includes the Web Services Gateway and a Web services runtime capable of executing Java™ 2 Platform Enterprise Edition (J2EE) Web

services-based business processes. It accommodates 10 Web services-based connections and offers low implementation cost and speedy deployment for small trading partners.

WebSphere Business Connection

WebSphere Business Connection offers the Web Services Gateway, IBM WebSphere Business Integration Trading Partner Interchange Solo and IBM CrossWorlds® InterChange Server to run (but not modify) collaborations. WebSphere Business Connection also provides trading partner management, a federated partner profile and document exchange collaboration. It accommodates 50 Web services-based connections, one TPI-based connection and enables a wide range of industry protocols.

WebSphere Business Connection Enterprise Edition

This edition includes IBM WebSphere Data Interchange Server in addition to the features included in WebSphere Business Connection edition. WebSphere Business Connection Enterprise Edition accommodates 100 Web services-based connections and enables EDI over the Internet.

All editions support a range of connectivity and business integration environments. They make use of IBM WebSphere Application Server with an IBM DB2® Universal Database™ repository.

Easily move to the next level of e-business

WebSphere Business Connection offerings encompass a wide range of choice and function. You can start with a simple, low-cost Web services connection and grow to support additional trading partners and more complex business processes. If your requirements change, you can easily move to the next level of e-business. Choose the solution that best fits your needs and benefit from the reduced integration costs and faster deployment of new processes and services.

For more information

For more information, visit:

ibm.com/websphere/integration/busconn

IBM WebSphere Business Connection offerings at a glance

	WebSphere Business Connection Express Edition	WebSphere Business Connection	WebSphere Business Connection Enterprise Edition	WebSphere Business Integration Hub Implementation *
Operating systems requirements				
Microsoft® Windows® 2000 Server, Service Pack 2	633MHz Intel® Pentium® III	633MHz Pentium III	1.26GHz Pentium III	2x 1.26GHz Pentium III
Sun Solaris 8	440MHz Sparc			
IBM AIX® Version 5.1	375MHz RS/6000®			
Hardware requirements				
Minimum required RAM	512MB	1GB	2GB	16GB
Minimum required HDD	10GB	20GB	40GB	80GB
Included functionality				
J2EE runtime environment	X	X	X	X
Web services proxy	X	X	X	X
Web services connectivity	X	X	X	X
Security management and access control	X	X	X	X
Solutions management, federated partner profile, document exchange		X	X	X
Routing/processing engine with operational tools		X	X	X
XML transformation runtime		X	X	X
Non-Web services communication protocol support		X	X	X
Database connectivity		X	X	X
Messaging middleware connectivity			X	X
VAN connectivity			X	X
IBM Tivoli® Access Manager for e-business, Version 3.9				X
WebSphere Business Integration, Version 4.1: CrossWorlds InterChange Server, with operational and development tool, XML transformation runtime				X
WebSphere Portal, Version 4.1 Enable Solution				X
WebSphere Edge Server, Version 2.0 for Multiplatforms				X
Connectivity				
Web services connections	10	50	100	Unlimited
Non-Web services connections (XML, RosettaNet, EDIINT)	N/A	1	1	100
Back-end application/ technology connections	N/A	1	1	Unlimited

* Solution represents a recommended architecture and is not a formal product.

IBM WebSphere Business Connection offerings

		WebSphere Business Connection Express	WebSphere Business Connection	WebSphere Business Connection Enterprise	WebSphere Business Integration Hub Implementation
Transport	*Network protocols*	HTTP, HTTP(s), HTTPR, HTTPR(s), JMS (MQ)	HTTP, HTTP(s), HTTPR, HTTPR(s), JMS (MQ)	HTTP, HTTP(s), HTTPR, HTTPR(s), JMS (MQ) plus VAN, Direct, MQ	HTTP, HTTP(s), HTTPR, HTTPR(s), JMS (MQ) plus VAN, Direct, MQ
	Message protocols	SOAP	SOAP, RNIF, S/MIME, ebXML, AS1, AS2	SOAP, RNIF, S/MIME, ebXML, AS1, AS2	SOAP, RNIF, S/MIME, ebXML, AS1, AS2
Delivery	*Security*	Base WebSphere Application Server, Plugins	X.509, SSL, PKCS, AS1, LDAP, Entrust, Verisign	X.509, SSL, PKCS, AS1, LDAP, Entrust, Verisign	X.509, SSL, PKCS, AS1, LDAP, Entrust, Verisign
	Interchange	XML	XML, EDI	XML, EDI	XML, EDI
Business protocols	*Libraries*	J2EE processes	J2EE processes CrossWorlds Collaborations (process design and development not supported)	J2EE processes CrossWorlds Collaborations (process design and development not supported)	J2EE processes CrossWorlds Collaborations
Transformation	*Libraries*		CrossWorlds Adapters for B2B	CrossWorlds Adapters for B2B *plus* industry libraries, EDI able to import DTDs	CrossWorlds Adapters for B2B *plus* industry libraries, EDI able to import DTDs
	Capability		XML	XML, EDI-EDI, EDI-XML, XML-XML	XML, EDI-EDI, EDI-XML, XML-XML
Tools		WebSphere Application Server tools	WebSphere Application Server tools, CrossWorlds operational tools only	WebSphere Application Server tools, CrossWorlds operational tools only	WebSphere Application Server tools, CrossWorlds operational and development tools

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