



# IBM WebSphere Business Integration Adapters – September 2004 Release

## Overview

WebSphere® Business Integration Adapters help you integrate your disparate systems by pulling and uniting information from:

- Packaged, custom, and legacy applications
- Technology protocols
- Mainframe systems
- Databases
- Industry and cross-industry solutions

The prepackaged adapters support multiple brokers, providing quicker time-to-market and greater flexibility and adaptability when integrating systems.

This release of WebSphere Business Integration Adapters includes:

- Enhancements to the WebSphere Business Integration Adapter Framework and to the adapters in this release.
- WebSphere Business Integration Adapter Framework support for Red Hat Linux™, SUSE LINUX, Solaris 9 and Windows™ 2003. A subset of the adapters also supports these platforms.
- The addition of DB2® Information Integrator as a hub from which the adapters for SAP, Siebel, and PeopleSoft can be utilized.
- Verified adapter support for WebSphere Business Integration Server Foundation.

- For more information about these enhancements, refer to the **Hardware requirements** and **Software requirements** sections.

For more information about the whole WebSphere Business Integration Adapter Portfolio, visit:

<http://www.ibm.com/software/integration/wbiadapters>

## Key prerequisites

- WebSphere Business Integration Adapter Framework, either acquired on a per-server or per-establishment basis, for each server to which adapters are connected
- WebSphere Business Integration Adapter Framework to deploy adapters built using the WebSphere Business Integration Adapter Development Kit

For additional information, refer to the **Hardware requirements** and **Software requirements** sections.

## Planned availability dates

- September 30, 2004 (electronic software delivery including documentation)
- November 5, 2004 (media)

## At a glance

This release of WebSphere Business Integration Adapters includes:

- Expanded IBM server support for the adapters
- Expanded operating system support for many of the adapters
- Enhanced WebSphere Business Integration Adapter Framework
- Enhanced WebSphere Business Integration Adapter Development Kit
- Enhanced WebSphere Business Integration Adapter for:
  - e-Mail
  - JDBC
  - JMS
  - JText
  - Lotus® Domino™
  - mySAP.com
  - PeopleSoft
  - Siebel eBusiness Applications
  - Web Services
  - WebSphere Business Integration Message Broker
  - WebSphere MQ Workflow
  - WebSphere MQ
  - XML
- Enhanced WebSphere Business Integration Data Handler for XML

### 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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Connectivity is critical in establishing an integrated, enterprise-wide system from which you can extract information from disparate sources, such as different packaged and legacy applications, technologies, and mainframe systems.

The WebSphere Business Integration Adapters help you address connectivity with one consistent approach. All adapters run on the same common framework, ensuring that they can be reused with different brokers as your integration needs change over time. The common framework also allows greater speed and ease of adapter deployment, requiring less skill to install a broad range of adapters.

WebSphere Business Integration Adapters further extend the IBM business integration portfolio. In addition to helping you integrate your systems, adapters can make your business more flexible. Because the adapters can run with multiple servers and brokers, you can deploy one adapter into different integration scenarios, simplifying your overall architecture.

The WebSphere Business Integration Adapters support:

- WebSphere Business Integration Message Broker (included in WebSphere Business Integration Server)
- WebSphere MQ Integrator®
- WebSphere MQ Integrator Broker
- WebSphere InterChange Server (included in WebSphere Business Integration Server)
- WebSphere Application Server — Enterprise Edition
- New — WebSphere Business Integration Server Foundation
- New — DB2 Information Integrator support for a limited number of adapters

As your business needs change, you can shift integration styles and still use the same adapter to integrate your applications and systems.

With this release, the WebSphere Business Integration Adapter portfolio now includes more than 60 products in support of 12 industries.

The Adapter Development Kit can help you develop customized adapters to meet your unique business requirements.

### Enhanced component

#### WebSphere Business Integration Adapter Framework v2.6

The Adapter Framework is the common runtime environment that is a prerequisite for all WebSphere Business Integration Adapters and for the Adapter Development Kit. The framework includes a combination of run-time libraries and operational administrative tools. The run-time libraries are deployable on all supported operating systems. The operational administrative tools are supported on Microsoft™ Windows platforms.

New in this release, function in the WebSphere Business Integration Adapter Framework has been changed and enhanced. Changes in this release include:

- Support for WebSphere Business Integration Server Foundation. With this enhancement, the Adapter Framework and most of the WebSphere Business Integration Adapters have been enabled to work with Server Foundation. This includes the adapters in this

release, as well as many of the other adapters in the WebSphere Business Integration Adapter portfolio. Refer to the **Software requirements** section for details.

- The adapter framework, and an initial subset of adapters, now support Linux and new versions of Solaris and Windows. Refer to the **Software requirements** section for details.
- Framework support for Tivoli® Monitoring for Transaction Performance (TMTP) has been added. Instrumentation that conforms to the Application Response Measurement (ARM) standard, which provides a way to manage and measure business transactions, has been added to the adapter framework. Simple calls to the ARM application programming interface have been embedded within the adapter runtime, and these calls allow the decomposition of transaction metrics via a TMTP console. For adapter runtime, these metrics measure transaction performance for a business object SERVICE REQUEST and a business object EVENT DELIVERY.
- Framework support for Common Event Infrastructure (CEI) has been added. CEI uses the event model defined in the IBM Autonomic Common Base Event (CBE) for its event management functions. CBE is a standard being defined for use by applications in generating events. Adapter Runtime will generate the events for the starting/stopping of an adapter, the timeout of an adapter, or the processing of a business object. The business object key data along with the CBE standard required data will be stored within CEI databases and retrievable by CEI consumer applications for these events.
- Performance improvements also have been made to the adapter framework. Refer to the release notes for details.
- Also new in this release, the Adapter Framework will be supporting a new version of Java™ Runtime Environment (JRE). Because of the changes that supporting this new JRE requires, customers will have the option of
  1. Remaining on WebSphere Business Integration Adapter Framework v2.4 and continuing to run their existing adapters, or
  2. Customers can make startup script changes to their adapters and upgrade to this new version of the adapter framework to take advantage of the new features listed above.

Refer to the **Software requirements** section for details.

- As of this release, the Client Agent Parallelism (CAP) feature will be allowed to deprecate.

### Enhanced application and technology adapters

#### WebSphere Business Integration Adapter for e-Mail V5.4

This adapter supports enhanced e-mail server reconnection while polling mailboxes. This adapter enables an integration broker to exchange business objects with a variety of applications and:

- Sends e-mail messages containing business objects or files in response to collaboration requests
- Checks the mailboxes on mail servers for messages, converts the messages to business objects, and posts the business objects to the broker

- Uses swappable data handlers that can be used to customize the format message attachments
- New in this release, the e-mail adapter supports the RFC822 specification for syntax of internet mail addresses
- This adapter also has been enhanced to set the “Reply To” address or addresses e-Mail header to the sender of the mail

#### **WebSphere Business Integration Adapter for JDBC v2.6**

This adapter enables IBM servers and brokers to exchange business objects with an application built on any database supported by a JDBC driver. The product also supports stored procedure calls at each object level. Several advanced configuration properties allow the connector to communicate with databases that include DB2, Sybase, and Informix™ for capabilities extending beyond the JDBC 2.0 standard. Any driver that fully adheres to the standard can be used.

There are several new enhancements to this adapter:

- Support for caching of prepared statements at the Business Object Level. Caching can be enabled selectively for parent and/or child business objects
- Support of stored procedures extended to include functions

The JDBC adapter also supports mainframe data access through DB2 Information Integrator Classic Federation for z/OS®, V8.1, which provides Web and distributed applications with read/write connectivity to mainframe databases.

#### **WebSphere Business Integration Adapter for JText v5.6**

This adapter includes the following new enhancements:

- Stack traces are provided on all significant error conditions. During adapter failures, these traces help determine the root cause of the failure.
- Secure FTP is now supported. Secure FTP allows enterprise clients (such as financial institutions and credit card companies) to run their Secure FTP servers in a secure mode. With Secure FTP enabled, all the control and data flows between the FTP server and the adapter are encrypted and flow through a secure socket.
- Users can now run the JText adapter in service call processing mode only, without using polling: A new connector configuration property, “NoPoll,” has been added to turn this feature on.

The JText adapter is bidirectionally enabled and can parse bidirectional data. Use this product when an application does not have a C, C++, or Java standard API through which the broker can communicate, and when it is not feasible to have an event table for a custom-built application. In these cases, the simple method for integrating an application into a larger system is by exchanging text files through the JText connector. In addition to support for local text files, the WebSphere Business Integration Adapter for JText supports integration with remote text files accessible using the FTP protocol. A zero-byte event file is handled appropriately, providing greater integration durability. You can move across the network with minimal changes to integration parameters.

#### **WebSphere Business Integration Adapter for Lotus Domino V1.3**

This adapter is meta-data driven and enables bidirectional, real-time integration between Lotus Domino and other enterprise applications. The adapter supports integration with Lotus Domino at a “document” level. New in this release, the Lotus Domino adapter now includes a product signature, for use with Tivoli license management.

#### **WebSphere Business Integration Adapter for mySAP.com V6.0**

This adapter offers bidirectional, real-time integration between WebSphere Business Integration Servers and applications running on SAP application servers (versions 3.1I — 4.6 and 6.20). The adapter provides robust integration capabilities while leveraging SAP’s Java API (jCO). A multi-threaded runtime allows the adapter to scale during broker initiated request processing while the integrity of event sequencing is maintained during application events. An Object Discovery Agent is included with the adapter that provides rich introspection and generation functionality during development time.

With this release, the following enhancements are provided:

- Support for IBM DB2 Information Integrator.
- The BAPI Module is driven entirely by BO definitions and no longer requires Java proxies.
- Additional performance improvements. Refer to the product release notes for more information.

The adapter supports all of SAP’s interfaces and presents users with numerous integration options with relatively little risk. To achieve this, the adapter provides its core integration capabilities in distinct modules of functionality.

The Extension Module has advanced event detection mechanisms and business object handlers that manipulate the most common objects from SAP. You can retrieve and manipulate objects to and from SAP in real time, and retrieve objects through both request/reply and publish/subscribe models. The adapter notifies you of the success and status of your object transaction request, and returns the unique ID of any created objects. The adapter enables real-time retrieval of a complex object from SAP or a request to create, change, or delete an object. To facilitate upgrades and ease of maintenance, the ABAP components of the Extension module are implemented in the WebSphere Business Integration Adapter SAP Development Namespace.

The RFC Server Module enables SAP applications to make synchronous calls to the collector agent. This event-driven functionality is ideal for systems that require real-time access to a broker for handling requests. This module is multi-threaded for scalability. It includes a non-invasive business object generation tool that facilitates business object development.

The BAPI Module allows direct calls to BAPIs. By accessing the BAPIs without routing the call through the ABAP Extension infrastructure, the adapter greatly improves performance. This module is 100% non-invasive. All business object information is stored externally to the SAP system.

The ALE Module enables the connector to send IDocs into SAP for processing by ALE, and to receive IDocs from SAP to ALE event notification. This 100% non-invasive asynchronous solution uses SAP’s tRFC protocol for guaranteeing exactly-once delivery and is ideal for large objects.

The Hierarchical Dynamic Retrieve Module offers 100% non-invasive metadata-driven data retrieval for application-specific business objects.

### **WebSphere Business Integration Adapter for PeopleSoft V3.1**

This adapter offers bidirectional, real-time integration between PeopleSoft App/PeopleTools versions and other e-commerce, CRM, supply chain, and ERP applications. Three components comprise this adapter: PeopleSoft 7 adapter, PeopleSoft 8 adapter, and the PeopleSoft Object Discovery Agent.

The PeopleSoft 7 adapter is C++-based. It supports PeopleTools V7.55, 7.57, and 7.63 (PeopleSoft application V7.x). It interacts with PeopleSoft using the PeopleSoft Message Agent API and a set of message definitions for each business object. It also supports event notification.

The PeopleSoft 8 adapter is entirely Java-based, and it supports PeopleTools v8.14 to v8.43 (PeopleSoft application v8.x); New in this release, this adapter also supports PeopleTools v8.44 and v8.45. This adapter interacts with PeopleSoft through the PeopleTools Component Interface Java API. It also supports propagating events with only changed (or delta) information using the CME feature of Adapter Runtime and PeopleSoft's integration capabilities. The adapter can also operate in a multithreaded mode during request processing, which improves adapter performance; multiple events can be processed concurrently.

The adapters are metadata-driven, which eases management by making the integration infrastructure application-independent. Other new enhancements to this adapter include:

- Support for child verbs (Insert, Update, and Delete)
- Support for IBM DB2 Information Integrator
- Support for Delta Event propagation

The PeopleSoft Object Discovery Agent generates WebSphere Business Integration business object definitions to be used by the PeopleSoft 8 adapter.

### **WebSphere Business Integration Adapter for Siebel V4.6**

This adapter provides comprehensive bidirectional, real-time integration between Siebel and order management, ERP, e-business, and custom and legacy systems in a one-to-one, one-to-many, or many-to-many scenario. This Siebel-validated WebSphere Business Integration Adapter enables you to provide superior customer service and to cost-effectively execute and manage quote-to-order fulfillment processes that span multiple applications within the enterprise and also to trading partners, without any customizations, or additions to your Siebel installation. Support for IBM DB2 Information Integrator is new for this adapter.

The Siebel adapter uses the Siebel Java API to ensure database and client independence. The adapter agent can directly access and manipulate Siebel Business Objects and Siebel Business Components, and also now supports Integration Objects. The adapter can support any platform of Siebel (for example, Windows 98, Windows NT™, UNIX®, or Web), in any deployment strategy (thin client, fat client, or Web), and in any mode (tethered or undocked). A unique event capture mechanism ensures that all events are captured, regardless of deployment strategy or state of the environment. The adapter is meta-data driven to enable GUI extensibility and development without recoding. Through configuration, the WebSphere Business Integration Adapter for Siebel e-business applications can authenticate in a specific

Siebel Role, abiding by all restrictions for that role. Another configuration ensures that all Siebel customizations are visible and honored by this connector during processing. The Siebel adapter can be deployed in a single instance or multiple instances, for scalability and performance. The Siebel adapter supports connectivity to Siebel 2000, Siebel 7, and Siebel 7.5: New in this release is support for Siebel 7.7.

The Siebel EAI Dynamic Link Library (DLL) is separate connectivity component that was offered as part of WebSphere Business Integration Adapter for Siebel eBusiness Applications. This component will not be delivered and supported from this release onwards.

### **WebSphere Business Integration Adapter for Web Services V3.4**

This adapter supports SOAP 1.2 and conformance with Web Services-Interoperability Organization (WS-I). This adapter exposes WebSphere InterChange Server business processes, in the form of collaborations, as Web Services. You get a set of self-contained, dynamic applications that can be described, published, located, or invoked over the network to create innovative products, processes, and value chains. This adapter can also communicate to externally hosted Web Services with enhanced configurability.

The Web Services adapter enables true bidirectional support for event and request processing from within the adapter. Event processing can be synchronous or asynchronous, and listeners within the adapter provide support for Simple Object Access Protocol (SOAP) over HTTP, HTTPS, and JMS transports. Integration with the Web Services Gateway product exposes/invokes external services on behalf of the adapter. A WSDL ODA eases generation and deployment of business objects. The ODA can retrieve WSDL from a local file or connect to a remote URL or UDDI registry.

The WebSphere Business Integration Adapter for Web Services includes Eclipse Technology. Eclipse is an award-winning, open source framework for the construction of powerful software development tools and rich desktop applications. Leveraging the Eclipse plug-in framework to integrate technology on the desktop saves technology providers time and money by enabling them to focus their efforts on delivering differentiation and value for their offerings. Eclipse is a multi-language, multi-platform, multi-vendor supported environment that it is built by an open source community of developers and it is provided royalty-free by the Eclipse Foundation. Eclipse is written in the Java language, includes extensive plug-in construction toolkits and examples, and can be deployed on a range of desktop operating systems including Windows, Linux, QNX, and Macintosh OS X. Full details on Eclipse and the Eclipse Foundation are available at

<http://eclipse.org>

### **WebSphere Business Integration Adapter for WebSphere MQ Workflow V2.7**

This adapter supports WebSphere MQ Workflow v3.3.2, v3.4 and now also supports v3.5. In this release, the Workflow adapter has been enhanced to provide error logging for synchronous as well as asynchronous service requests to the MQ Workflow application. This adapter's configuration template now also incorporates an AuditQueue, and log messages are captured even for datagram requests.

WebSphere MQ Workflow is a workflow engine that permits users to construct processes that include both manual and automated steps. At the specific points

where manual tasks, information or action are required in a process, the WebSphere MQ Workflow adapter provides the capability to build pauses between the state steps, or stages of the processes where data is transformed by a transaction taking place in the underlying applications, or in the manual activities taking place outside the process. These pauses, or Long-Lived Transactions, are critical features in the ability to automate business processes.

The WebSphere MQ Workflow adapter complements the integration broker by merging sophisticated workflow capabilities with IBM's superior business process management features. The Java-based WebSphere Business Integration Adapter enables hybrid implementations of WebSphere MQ Workflow with an integration broker solution. The combination of products provides a best-of-breed integration strategy for companies seeking to automate processes that do not necessarily take place instantaneously, but rather require sustained pauses for reasons such as obtaining approvals, meeting regulatory requirements, or satisfying industry-standard procedures.

The WebSphere Business Integration Adapter for WebSphere MQ Workflow functions in several different ways. It initiates synchronous and asynchronous interaction between the integration broker flows and WebSphere MQ Workflow. If, for example, during an order process based on an WebSphere Business Integration Collaboration, an approval must be obtained, then the Adapter prompts WebSphere MQ Workflow to pause and wait until a response has been returned from an underlying application (which could be an automated process or could be as a the result of a manual step). Correspondingly, WebSphere MQ Workflow prompts the Connector to initiate Collaboration processes.

#### **Software platform support**

Refer to the **Software requirements** section for comprehensive information on platform support. In the descriptions, only changes to platform support are called out.

#### **National language support**

Refer to the **National language support** section for this information.

For additional information about adapters that are unchanged in this release, visit

<http://www.ibm.com/websphere/integration/wbiadapters>

#### ***Accessibility by people with disabilities***

These products do not adhere to the standards on accessibility by people with disabilities.

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# IBM US Announcement Supplemental Information

September 28, 2004

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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 publications are available as Eclipse document plug-ins (to be viewed with the WebSphere® help system) and PDF documents (to be viewed with Adobe Acrobat):

- Adapter Development Kit Sample Guide
- Connector Development Guide for C++
- Connector Development Guide for Java™
- Data Handler Guide
- Implementing Adapters with WebSphere Application Server
- Implementing Adapters with WebSphere Message Brokers
- Installing WebSphere Business Integration Adapters
- Migrating Adapters to Adapter Framework Version 2.6 — Will become electronically available on 10/29
- Adapter for e-Mail User Guide
- Adapter for JDBC User Guide
- Adapter for JMS User Guide
- Adapter for JText User Guide
- Adapter for Lotus® Domino™ User Guide
- Adapter for mySAP.com User Guide (SAP/R3 V.3x)
- Adapter for mySAP.com User Guide (BASIS 4.0 — 4.6, SAP Web AS 6.20)
- Adapter for PeopleSoft User Guide (PeopleSoft Version 7)
- Adapter for PeopleSoft User Guide (PeopleSoft Version 8)
- Adapter for Siebel 2000 (for Siebel Version 6.x) User Guide
- Adapter for Siebel eBusiness Applications User Guide
- Adapter for Web Services User Guide
- Adapter for WebSphere MQ User Guide

- Adapter for WebSphere Business Integration Message Broker User Guide
- Adapter for WebSphere MQ Workflow User Guide
- Adapter for XML User Guide
- Release notes for each offering

For the list of documentation, including available translations, visit

<http://www.ibm.com/websphere/integration/wbiadapters/infocenter>

The WebSphere Help System requires the following software:

One of these operating systems:

- Microsoft™ Windows™ 2000
- Microsoft Windows XP
- Linux™ for Intel™-based platforms

One of these browsers:

- Microsoft Internet Explorer 5.5, or higher (Windows platforms)
- Mozilla-based browser 1.1, or higher (Windows and Linux platforms)

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## Technical information

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**Hardware requirements:** The following are minimum requirements. Actual requirements for your system may be greater, depending on the complexity of your specific environment, throughput, and data object size.

### *AIX® environment*

- Processor: An IBM pSeries® or RS/6000® system with either a uniprocessor or symmetric multiprocessor (SMP) and a minimum processor speed of 375 MHz
- RAM: 512 MB
- Disk space: 435 MB

### *HP-UX environment*

- Processor: A Hewlett-Packard HP-9000 PA-RISC processor system with a minimum processor speed of 440 MHz
- RAM: 512 MB
- Disk space: 435 MB

### *Linux environment*

- Processor: An IBM xSeries® and Intel-based system (or equivalent) with a minimum processor speed of 1 GHz

*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>.*

- RAM: 512 MB
- Disk space: 435 MB

#### *Solaris environment*

- Processor: A Sun Microsystems UltraSPARC processor system with a minimum processor speed of 450 MHz
- RAM: 512 MB
- Disk space: 435 MB

#### *Windows environment*

- Processor: An IBM xSeries and Intel-based system (or equivalent) with a minimum processor speed of 1 GHz
- RAM: 512 MB
- Disk space: 435 MB

**Software requirements:** The WebSphere Business Integration Adapter Framework and Adapters broaden their support for integration brokers and for new Operating Systems. An Adapter Framework is required for each server to which you are connecting an adapter. An Adapter Framework is also required when using a WebSphere Business Integration Adapter Development Kit.

#### **Special note regarding Adapter Framework v2.6 compatibility**

WebSphere Business Integration Adapter Framework V2.6 supports WebSphere Business Integration Adapters delivered in the September 2004, June 2004, and December 2003, releases. WebSphere Business Integration Adapter Framework v2.6 contains certain enhancements, such as support for the 1.4.2 Java Runtime Environment, that require modifications to the startup scripts for many of the adapters in the June 2004 and December 2003 releases.

New startup scripts and instructions for updating your existing adapters for Framework V2.6 compatibility will be provided in a migration guide and in a WebSphere Business Integration Technote within 30 days of product availability.

Customers can

1. Remain on WebSphere Business Integration Adapter Framework v2.4 and continuing to run your existing adapters, or
2. Make startup script changes to their adapters and upgrade to the new version of the adapter framework to take advantage of the new features in this release.

A WebSphere Business Integration Technote and a migration guide list the Adapter Framework v2.6-compatible adapters and provide information about the new startup scripts. The Technote, migration guide, and startup scripts will become available within 30 days of WebSphere Business Integration Adapter Framework V2.6's planned availability date.

Refer to the **Publications** section for more information about the migration guide. The Technote can be found at

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

Select the Technote search option.

#### **Broker requirements**

The products in this release run with the WebSphere Business Integration Adapter Framework V2.6 and require one of the following (exceptions are noted immediately following this list):

- WebSphere Business Integration Message Broker V5.0.1 (included in WebSphere Business Integration Server V4.2.2 and V4.3)
- WebSphere MQ Integrator® V2.1
- WebSphere MQ Integrator Broker V2.1
- WebSphere InterChange Server V4.2.2 (included in WebSphere Business Integration Server V4.2.2)
- WebSphere InterChange Server V4.3 (included in WebSphere Business Integration Server V4.3)
- WebSphere Application Server Enterprise V5.0.2, in conjunction with WebSphere Studio Application Developer Integration Edition V5.0.1
- WebSphere Business Integration Server Foundation v5.1.1
- DB2® Information Integrator v8.2.3 — supported by WebSphere Business Integration Adapters for mySAP.com, PeopleSoft, and Siebel only

#### **Of the products announced in this release, the following support a limited number of brokers and servers:**

- WebSphere Business Integration Adapter for Web Services v3.4 supports only WebSphere InterChange Server
- WebSphere Business Integration Adapter for WebSphere Business Integration Message Broker V2.7 supports only WebSphere InterChange Server, WebSphere Application Server, and WebSphere Business Integration Server Foundation
- WebSphere Business Integration Adapter for WebSphere MQ V2.7 supports only WebSphere InterChange Server, WebSphere Application Server, and WebSphere Business Integration Server Foundation
- WebSphere Business Integration Adapter for WebSphere MQ Workflow V2.7 supports only WebSphere InterChange Server

#### *Additional Information about Server Foundation support*

As noted elsewhere in this document, WebSphere Business Integration Adapters have been verified to support WebSphere Business Integration Server Foundation V5.1 and V5.1.1. Adapter Framework V2.4 (and the adapters released in June 2004 and December 2003) and Adapter Framework V2.6 (and the adapters included in this release) will work with these versions of Server Foundation. Exceptions are listed below:

- WebSphere Business Integration Adapter for SAP Exchange Infrastructure
- WebSphere Business Integration Adapter for Web Services
- WebSphere Business Integration Data Handler for Complex Data
- WebSphere Business Integration Data Handler for EDI

- WebSphere Business Integration Data Handler for XML
- iSoft Commerce Suite Server (Enterprise, Advanced, Express)

**Operating system requirements:** In addition to a broker or server, adapters also require one of these operating systems:

#### *AIX environment*

- AIX 5.1 with Maintenance Level 5
- AIX 5.2 with Maintenance Level 2
- Java compiler (IBM JDK 1.4.2 for Windows 2000) required for compiling custom adapters

#### *HP-UX environment*

- HP-UX 11.11 (11i) with June 2003 BUNDLE11i (B.11.11.0306.1), December 2003 Quality Pack GOLDQPK11i (B.11.11.0312.4) and patch PHCO\_29960
- Java compiler (IBM JDK 1.4.2 or Windows 2000) required for compiling custom adapters

#### *Linux environment*

- Red Hat Enterprise Linux AS 3.0 with Update 1
- Red Hat Enterprise Linux ES 3.0 with Update 1
- Red Hat Enterprise Linux WS 3.0 with Update 1
- SUSE LINUX Enterprise Server x86 8.1 with SP3
- SUSE LINUX Standard Server x86 8.1 with SP3

#### *Solaris environment*

- Solaris 8 (2.8) with Solaris Patch Cluster dated February 11, 2004 or later
- Solaris 9 (2.9) with Solaris Patch Cluster dated February 11, 2004 or later
- Java compiler (IBM JDK 1.4.2 for Windows 2000) required for compiling custom adapters

#### *Windows environment*

- Windows 2000 (Professional, Server, or Advanced Server) with Service Pack 4
- Windows XP with Service Pack 1A, for WebSphere Business Integration Adapter Framework (administrative tools only)
- Windows 2003 (Standard Edition or Enterprise Edition)

**All products in this release support the preceding platforms and versions, with the following exceptions:**

- WebSphere Business Integration Adapter for Lotus Domino V1.3 supports all except HP-UX.
- WebSphere Business Integration Adapter for PeopleSoft v3.1 supports all except SUSE LINUX.
- WebSphere Business Integration Adapter for Siebel v4.6 supports all except SUSE LINUX and Red Hat.
- WebSphere Business Integration Adapter Framework v2.6 supports all of the platforms listed. However, The TMTMP component of the framework is not supported on Linux Red Hat or on HP-UX. The CEI function is not supported on HP-UX, Linux Red Hat, or on SUSE LINUX.

## **National language support**

Unless otherwise noted, all products in this release of WebSphere Business Integration Adapters provide basic enablement support and translations only for the following national languages and their associated operating environments:

- English
- French
- Italian
- German
- Spanish
- Brazilian Portuguese
- Japanese
- Korean
- Simplified Chinese (GB18030 exemption applies)
- Traditional Chinese

All languages will be made available simultaneously per the specified availability dates.

In addition, the products listed below now provide basic enablement support for bidirectional languages (Arabic and Hebrew). Basic enablement support for bidirectional languages is only provided on Windows 2000 platforms.

- WebSphere Business Integration Adapter Framework v2.6
- WebSphere Business Integration Adapter Development Kit v2.6
- WebSphere Business Integration Adapter for e-Mail v5.4
- WebSphere Business Integration Adapter for JDBC v2.6
- WebSphere Business Integration Adapter for JText v5.6
- WebSphere Business Integration Adapter for Lotus Domino v1.3
- WebSphere Business Integration Adapter for mySAP.com v6.0
- WebSphere Business Integration Adapter for PeopleSoft v3.1
- WebSphere Business Integration Adapter for XML v3.5
- WebSphere Business Integration Adapter for Web Services v3.4
- WebSphere Business Integration Adapter for WebSphere MQ v2.7
- WebSphere Business Integration Data Handler for XML v2.7

## ***Planning information***

**Packaging:** This is a Passport Advantage offering only. All of the products included in the WebSphere Business Integration Adapter portfolio are distributed via electronic distribution and physical media packs. A separate media pack is provided for each product. Support for all specified operating systems and languages is provided in each media pack. Media packs for all offering contain CDs, but the mainframe adapter packaging also includes 3480 tapes.

When downloaded from a Web site, this program 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**

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

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
WebSphere Business Integration Adapter Framework	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter Development Kit	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for e-Mail	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for JDBC	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for JMS	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for JText	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for Lotus Domino	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for mySAP.com	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for PeopleSoft	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for Web Services	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for WebSphere BI Message Broker	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for WebSphere MQ Workflow	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for WebSphere MQ	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for Siebel eBusiness	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Adapter for XML	WebSphere Business Integration	WebSphere Business Integration Adapters
WebSphere Business Integration Data Handler for XML	WebSphere Business Integration	WebSphere Business Integration Adapters

Per application instance

Per establishment

**Passport Advantage program licenses**

Part description	Part number
<b>WebSphere Business Integration Data Handler for XML</b>	
WBI Adapter DH for XML Establishment SW Maintenance Annual Renewal	E00TWLL
WBI Adapter DH for XML Establishment License & SW Maintenance 12 Months	D52ILLL
WBI Adapter DH for XML Per Application Instance SW Maintenance Annual Rene	E00DLLL
WBI Adapter DH for XML Establishment SW Maintenance Reinstatement 12 Months	D52IMLL
WBI Adapter DH for XML Per Application Instance SW Maintenance Reinstatement	D51F1LL
WBI Adapter DH for XML Per Application Instance License & SW Maintenance 1	D51EZLL
<b>WebSphere Business Integration Adapter Framework</b>	
WBI Adapter Framework Establishment SW Maintenance Annual Renewal	E00TALL
WBI Adapter Framework Establishment License & SW Maintenance 12 Months	D52HELL
WBI Adapter Framework Establishment SW Maintenance Reinstatement 12 Months	D52HFLL
WBI Adapter Framework Per Application Instance SW Maintenance Reinstatement	D51DULL
WBI Adapter Framework Per Application Instance License & SW Maintenance 12	D51DSL
WBI Adapter Framework Per Application Instance SW Maintenance Annual Renew	E00D7LL
<b>WebSphere Business Integration Adapter Development Kit</b>	
WBI Adapter Dev Kit Per Application Instance SW Maintenance Reinstatement	D51FXLL
WBI Adapter Dev Kit Per Application Instance License & SW Maintenance 12 M	D51FULL
WBI Adapter Dev Kit Per Application Instance SW Maintenance Annual Renewal	E00DWLL
WBI Adapter Dev Kit Establishment SW Maintenance Annual Renewal	E00T8LL
WBI Adapter Dev Kit Establishment License & SW Maintenance 12 Months	D52HALL
WBI Adapter Dev Kit Establishment SW Maintenance Reinstatement 12 Months	D52HBL

<b>Part description</b>	<b>Part number</b>	<b>Part description</b>	<b>Part number</b>
<b>WebSphere Business Integration Adapter for JDBC</b>		<b>WebSphere Business Integration Adapter for Lotus Domino</b>	
WBI Adapter for JDBC Per Application Instance SW Maintenance Reinstatement	D51E3LL	WBI Adapter for Lotus Domino Per Application Instance SW Maintenance Reins	D52DILL
WBI Adapter for JDBC Per Application Instance License & SW Maintenance 12	D51E1LL	WBI Adapter for Lotus Domino Per Application Instance License & SW Mainten	D52DGLL
WBI Adapter for JDBC Establishment SW Maintenance Reinstatement 12 Months	D52I6LL	WBI Adapter for Lotus Domino Establishment SW Maintenance Reinstatement 12	D52I0LL
WBI Adapter for JDBC Per Application Instance SW Maintenance Annual Renewal	E00DALL	WBI Adapter for Lotus Domino Establishment SW Maintenance Annual Renewal	E00TKLL
WBI Adapter for JDBC Establishment SW Maintenance Annual Renewal	E00TNLL	WBI Adapter for Lotus Domino Establishment License & SW Maintenance 12 Mon	D52HZLL
WBI Adapter for JDBC Establishment License & SW Maintenance 12 Months	D52I5LL	WBI Adapter for Lotus Domino Per Application Instance SW Maintenance Annua	E00RDLL
<b>WebSphere Business Integration Adapter for JMS</b>		<b>WebSphere Business Integration Adapter for PeopleSoft</b>	
WBI Adapter for JMS Establishment SW Maintenance Annual Renewal	E00T6LL	WBI Adapter for PeopleSoft Establishment SW Maintenance Reinstatement 12	D52HLLL
WBI Adapter for JMS Establishment License & SW Maintenance 12 Months	D52H6LL	WBI Adapter for PeopleSoft Per Application Instance SW Maintenance Reinst	D51D8LL
WBI Adapter for JMS Per Application Instance SW Maintenance Reinstatement	D51EILL	WBI Adapter for PeopleSoft Per Application Instance License & SW Maintena	D51D6LL
WBI Adapter for JMS Per Application Instance License & SW Maintenance 12 M	D51EGLL	WBI Adapter for PeopleSoft Per Application Instance SW Maintenance Annual	E00D0LL
WBI Adapter for JMS Per Application Instance SW Maintenance Annual Renewal	E00DFLL	WBI Adapter for PeopleSoft Establishment SW Maintenance Annual Renewal	E00TDLL
WBI Adapter for JMS Establishment SW Maintenance Reinstatement 12 Months	D52H7LL	WBI Adapter for PeopleSoft Establishment License & SW Maintenance 12 Mont	D52HKLL
<b>WebSphere Business Integration Adapter for JText</b>		<b>WebSphere Business Integration Adapter for Siebel eBusiness</b>	
WBI Adapter for Jtext Establishment SW Maintenance Reinstatement 12 Months	D52I2LL	WSBI for Siebel eBusiness Per Application Instance SW Maintenance Reinstat	D51DKLL
WBI Adapter for Jtext Establishment SW Maintenance Annual Renewal	E00TLLL	WSBI for Siebel eBusiness Per Application Instance License & SW Maintenanc	D51DILL
WBI Adapter for Jtext Establishment License & SW Maintenance 12 Months	D52I1LL	WSBI for Siebel eBusiness Per Application Instance SW Maintenance Annual R	E00D4LL
WBI Adapter for Jtext Per Application Instance SW Maintenance Annual Renew	E00D8LL	WSBI for Siebel eBusiness Establishment SW Maintenance Reinstatement 12 Mo	D52GPLL
WBI Adapter for Jtext Per Application Instance SW Maintenance Reinstatem	D51DXLL	WSBI for Siebel eBusiness Establishment SW Maintenance Annual Renewal	E00SXLL
WBI Adapter for Jtext Per Application Instance License & SW Maintenance 12	D51DVLL	WSBI for Siebel eBusiness Establishment License & SW Maintenance 12 Months	D52GNLL

Part description	Part number	Part description	Part number
<b>WebSphere Business Integration Adapter for WebSphere BI Message Broker</b>		<b>WebSphere Business Integration Adapter for WebSphere MQ Workflow</b>	
WBI Adapter WBIM Broker Establishment SW Maintenance Reinstatement 12	D52H5LL	WBI Adapter for WMQ Workflow Establishment SW Maintenance Reinstatement 12	D52GULL
WBI Adapter WBIM Broker Establishment SW Maintenance Annual Renewal	E00T5LL	WBI Adapter for WMQ Workflow Establishment SW Maintenance Annual Renewal	E00T0LL
WBI Adapter WBIM Broker Establishment License & SW Maintenance 12 Mon	D52H4LL	WBI Adapter for WMQ Workflow Establishment License & SW Maintenance 12 Mon	D52GTLL
WBI Adapter WBIM Broker Per Application Instance SW Maintenance Reins	D51E6LL	WBI Adapter for WMQ Workflow Per Application Instance SW Maintenance Reins	D51ECLL
WBI Adapter WBIM Broker Per Application Instance License & SW Mainten	D51E4LL	WBI Adapter for WMQ Workflow Per Application Instance License & SW Mainten	D51EALL
WBI Adapter WBIM Broker Per Application Instance SW Maintenance Annua	E00DBLL	WBI Adapter for WMQ Workflow Per Application Instance SW Maintenance Annua	E00DDLL
<b>WebSphere Business Integration Adapter for Web Services</b>		<b>WebSphere Business Integration Adapter for XML</b>	
WBI Adapter Web Services Per Application Instance SW Maintenance Reinstatement 12 Months	D51EPLL	WBI Adapter for XML Establishment SW Maintenance Reinstatement 12 Months	D52HULL
WBI Adapter Web Services Per Application Instance License & SW Maintenance	D51EMLL	WBI Adapter for XML Per Application Instance SW Maintenance Reinstatement	D51EFLL
WBI Adapter Web Services Establishment SW Maintenance Reinstatement 12 Mon	D52HHLL	WBI Adapter for XML Per Application Instance License & SW Maintenance 12 M	D51EDLL
WBI Adapter Web Services Establishment SW Maintenance Annual Renewal	E00TBLL	WBI Adapter for XML Per Application Instance SW Maintenance Annual Renewal	E00DELL
WBI Adapter Web Services Establishment License & SW Maintenance 12 Months	D52HGLL	WBI Adapter for XML Establishment SW Maintenance Annual Renewal	E00THLL
WBI Adapter Web Services Per Application Instance SW Maintenance Annual Re	E00DHLL	WBI Adapter for XML Establishment License & SW Maintenance 12 Months	D52HSLL
<b>WebSphere Business Integration Adapter for WebSphere MQ</b>		<b>WebSphere Business Integration Adapter for e-Mail</b>	
WBI Adapter for WMQ Establishment SW Maintenance Annual Renewal	E00T3LL	WBI Adapter for e-Mail Per Application Instance SW Maintenance Reinstatement	D51E0LL
WBI Adapter for WMQ Establishment License & SW Maintenance 12 Months	D52H0LL	WBI Adapter for e-Mail Per Application Instance License & SW Maintenance 12	D51DYLL
WBI Adapter for WMQ Per Application Instance SW Maintenance Reinstatement	D51E9LL	WBI Adapter for e-Mail Establishment SW Maintenance Reinstatement 12 Months	D52I4LL
WBI Adapter for WMQ Per Application Instance License & SW Maintenance 12 M	D51E7LL	WBI Adapter for e-Mail Establishment SW Maintenance Annual Renewal	E00TMLL
WBI Adapter for WMQ Per Application Instance SW Maintenance Annual Renewal	E00DCLL	WBI Adapter for e-Mail Establishment License & SW Maintenance 12 Months	D52I3LL
WBI Adapter for WMQ Establishment SW Maintenance Reinstatement 12 Months	D52H1LL	WBI Adapter for e-Mail Per Application Instance SW Maintenance Annual Renew	E00D9LL

Part description	Part number	Program name/description	Part number
<b>WebSphere Business Integration Adapter for mySAP.com</b>		<b>WSBIA for JDBC V2.6.0</b>	
WBI Adapter for mySAP.com Per Application Instance SW Maintenance Reinstat	D51DELL	Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V2.6.0	AF08ZML
WBI Adapter for mySAP.com Per Application Instance License & SW Maintenanc	D51DCLL		
WBI Adapter for mySAP.com Establishment SW Maintenance Reinstatement 12 Mo	D52GKLL		
WBI Adapter for mySAP.com Per Application Instance SW Maintenance Annual R	E00D2LL		
WBI Adapter for mySAP.com Establishment SW Maintenance Annual Renewal	E00SVLL	<b>WSBIA for JMS V2.7.0</b>	
WBI Adapter for mySAP.com Establishment License & SW Maintenance 12 Months	D52GJLL	Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V2.7.0	AF090ML
<b>Passport Advantage supply</b>			
<b>Program name/description</b>	<b>Part number</b>		
<b>WSBI Data Handler for XML V2.7.0</b>		<b>WSBIA for JText V5.6.0</b>	
Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V2.7.0	AF09BML	Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V5.6.0	AF091ML
<b>WSBIA for Development Kit V2.6.0</b>		<b>WSBIA for Lotus Domino V1.3.0</b>	
Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000 CD-ROM Digital Disk — ISO 9660 Standard V2.6.0	AF08XML	Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V1.3.0	AF092ML
<b>WSBIA for Framework V2.6.0</b>			
Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V2.6.0	AF08WML		

<b>Program name/description</b>	<b>Part number</b>	<b>Program name/description</b>	<b>Part number</b>
<b>WSBIA for PeopleSoft V3.1.0</b>		<b>WSBIA for WebSphere MQ V2.7.0</b>	
Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V3.1.0	AF094ML	Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V2.7.0	AF097ML
<b>WSBIA for Siebel eBus Apps V4.6.0</b>		<b>WSBIA for XML V3.5.0</b>	
Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x CD-ROM Digital Disk — ISO 9660 Standard V4.6.0	AF095ML	Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V3.5.0	AF09AML
<b>WSBIA for WBI Message Bkr V2.7.0</b>		<b>WSBIA for e-Mail V5.4.0</b>	
Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V2.7.0	AF098ML	Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V5.4.0	AF08YML
<b>WSBIA for Web MQ Wkflw V2.7.0</b>		<b>WSBIA for mySAP.com V6.0.0</b>	
Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V2.7.0	AF099ML	Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V6.0.0	AF093ML
<b>WSBIA for Web Services V3.4.0</b>			
Media Pack Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard V3.4.0	AF096ML		

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

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

**Entitled maintenance offerings description**

**Media packs description**

**Part number**

**WSBI Data Handler for XML V2.7.0**

WebSphere BI Data Handler for XML per Est	WSBI Data Handler for XML Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF09BML
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WebSphere BI Data Handler for XML per App Inst	WSBI Data Handler for XML Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF09BML
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**WSBIA for Development Kit V2.6.0**

WebSphere Business Integration Adapter Development Kit p	WSBIA for Development Kit Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000 CD-ROM Digital Disk — ISO 9660 Standard	AF08XML
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**Entitled maintenance offerings description**

**Media packs description**

**Part number**

WS BUS INTGR ADP DVPT KIT USR	WSBIA for Development Kit Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000 CD-ROM Digital Disk — ISO 9660 Standard	AF08XML
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**WSBIA for Framework V2.6.0**

WebSphere Business Integration Adapter Framework per Est	WSBIA for Framework Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF08WML
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WS BUS INTGR ADP FRAMEWORK SVR	WSBIA for Framework Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF08WML
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Entitled maintenance offerings description	Media packs description	Part number	Entitled maintenance offerings description	Media packs description	Part number
<b>WSBIA for JDBC V2.6.0</b>			WebSphere BI Adapter for JMS per App Inst	WSBIA for JMS Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF090ML
WebSphere BI Adapter for JDBC per Est	WSBIA for JDBC Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF08ZML			
			<b>WSBIA for JText V5.6.0</b>		
WebSphere BI Adapter for JDBC per App Inst	WSBIA for JDBC Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF08ZML	WebSphere BI Adapter for Jtext per Est	WSBIA for JText Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF091ML
<b>WSBIA for JMS V2.7.0</b>			WebSphere BI Adapter for Jtext per App Inst	WSBIA for JText Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF091ML
WebSphere BI Adapter for JMS per Est	WSBIA for JMS Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF090ML			

Entitled maintenance offerings description	Media packs description	Part number	Entitled maintenance offerings description	Media packs description	Part number
<b>WSBIA for Lotus Domino V1.3.0</b>			WebSphere BI Adapter for PeopleSoft per Est	WSBIA for PeopleSoft Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF094ML
WebSphere BI Adapter for Lotus Domino per Est	WSBIA for Lotus Domino Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF092ML	<b>WSBIA for Siebel eBus Apps V4.6.0</b>		
WebSphere BI Adapter for Lotus Domino per App Inst	WSBIA for Lotus Domino Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF092ML	WebSphere BI Adapter for Siebel eBusiness per Est	WSBIA for Siebel eBus Apps Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x CD-ROM Digital Disk — ISO 9660 Standard	AF095ML
<b>WSBIA for PeopleSoft V3.1.0</b>			WebSphere BI Adapter for Siebel eBusiness per App inst	WSBIA for Siebel eBus Apps Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x CD-ROM Digital Disk — ISO 9660 Standard	AF095ML
WebSphere BI Adapter for PeopleSoft per App inst	WSBIA for PeopleSoft Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF094ML			



Entitled maintenance offerings description	Media packs description	Part number	Entitled maintenance offerings description	Media packs description	Part number
<b>WSBIA for WBI Message Bkr V2.7.0</b>			<b>WSBIA for Web MQ Wkflw V2.7.0</b>		
WebSphere BI Adapter for WBI Message Broker per Est	WSBIA for WBI Message Bkr Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF098ML	WebSphere BI Adapter for Web MQ Workflow per App Inst	WSBIA for Web MQ Wkflw Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF099ML
<b>WSBIA for Web Services V3.4.0</b>			<b>WSBIA for Web Services V3.4.0</b>		
WebSphere BI Adapter for Message Bkr per App Inst	WSBIA for WBI Message Bkr Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF098ML	WebSphere BI Adapter for Web Services per Est	WSBIA for Web Services Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF096ML
<b>WSBIA for Web MQ Wkflw V2.7.0</b>			<b>WSBIA for Web Services V3.4.0</b>		
WebSphere BI Adapter for Web MQ Workflow per Est	WSBIA for Web MQ Wkflw Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF099ML	WebSphere BI Adapter for Web Services per App Inst	WSBIA for Web Services Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF096ML

Entitled maintenance offerings description	Media packs description	Part number	Entitled maintenance offerings description	Media packs description	Part number
<b>WSBIA for WebSphere MQ V2.7.0</b>			WebSphere BI Adapter for XML per App Inst	WSBIA for XML Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF09AML
WebSphere BI Adapter for Web MQ per Est	WSBIA for WebSphere MQ Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF097ML			
<b>WSBIA for e-Mail V5.4.0</b>			WebSphere BI Adapter for e-Mail per Est	WSBIA for e-Mail Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF08YML
WebSphere BI Adapter for Web MQ per App Inst	WSBIA for WebSphere MQ Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF097ML			
<b>WSBIA for XML V3.5.0</b>			WebSphere BI Adapter for e-Mail per App Inst	WSBIA for e-Mail Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF08YML
WebSphere BI Adapter for XML per Est	WSBIA for XML Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF09AML			

Entitled maintenance offerings description	Media packs description	Part number	Program name	Program number	Form number
<b>WSBIA for mySAP.com V6.0.0</b>			WebSphere BI Adapter for JDBC	5724-H05	L-RSAA-63BSRT
WebSphere Business Integration Adapter for mySAP.com per	WSBIA for mySAP.com Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF093ML	WebSphere BI Adapter for JMS	5724-G94	L-RSAA-63BSKW
			WebSphere BI Adapter for JText	5724-H03	L-RSAA-63BSGR
			WebSphere BI Adapter for Lotus Domino	5724-H20	L-RSAA-628UU3
			WebSphere BI Adapter for PeopleSoft	5724-G98	L-RSAA-63BSZL
			WebSphere BI Adapter for Siebel	5724-H43	L-RSAA-63BSXJ
			WebSphere BI Adapter for eBus Apps	5724-H37	L-RSAA-63BSQD
			WebSphere BI Adapter for WBI Message Broker	5724-H09	L-RSAA-62FNS3
			WebSphere BI Adapter for Web Services	5724-H06	L-RSAA-63BSMD
			WebSphere BI Adapter for WebSphere MQ Wkflw	5724-H36	L-RSAA-63BSVU
			WebSphere BI Adapter for XML	5724-H07	L-RSAA-63BT3K
WSBUSINT ADP MYSAP.COM AP INS	WSBIA for mySAP.com Multilingual (French, Korean, Chinese — Simplified, Spanish, Brazilian Portuguese, German, Japanese, Chinese — Traditional, English US, Italian) Windows 2000, Solaris (Sun Microsystems), Windows Server 2003, AIX V5.x, HP-UX 11.x, Linux for x86Series Intel-based servers CD-ROM Digital Disk — ISO 9660 Standard	AF093ML	WebSphere BI Adapter for e-Mail	5724-H04	L-RSAA-62AV4S
			WebSphere BI Adapter for mySAP.com	5724-H01	L-LCHD-5V57BX

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