IBM WebSphere Business Integration Modeler and Monitor V4.2.4 enhancements

Overview
As companies strive to become leaner and more competitive, the cost and effectiveness of business operations continue to be scrutinized. In response to your feedback, IBM WebSphere® Business Integration Modeler V4.2.4 and IBM WebSphere Business Integration Monitor V4.2.4 improve business visibility for fact-based decision making and more optimized business processes.

These products provide a solution to help you model, simulate, analyze, automate, optimize, and monitor business processes quickly and effectively. With this solution, you will be better able to maximize business effectiveness by optimizing processes giving you competitive leadership in today’s e-business environment.

The WebSphere Business Integration Modeler and Monitor solution consists of the following family of products which may be purchased and deployed either individually or together.

IBM WebSphere Business Integration Modeler
This offering, a bundled solution, consists of the following products that may also be purchased separately:

- IBM WebSphere Business Integration Workbench (10 licenses included with Modeler)
- IBM WebSphere Business Integration Workbench Server
- IBM WebSphere Business Integration Workbench Entry Edition

The Entry Edition is not included in the Modeler bundle, but may be purchased separately.

IBM WebSphere Business Integration Monitor

Key prerequisites
Refer to the Software requirements and Hardware requirements sections.

Planned availability dates
September 26, 2003: Electronic distribution
October 10, 2003: Media packs

At a glance
The IBM WebSphere Business Integration Modeler and Monitor solution:

- Provides comprehensive, and user-friendly business process modeling and collaboration capabilities
- Provides repository-based simulation with IBM WebSphere Business Integration Workbench
- Produces redesign reports
- Facilitates seamless integration of business process modeling, workflow building, and simulation features
- Supports multiple modeling methodologies
- Helps unify in one solution activity costing, quality documentation, business process re-engineering, workflow modeling, return on investment (ROI) data, and integration with application development
- Are compliant with industry standards
- Offers real-time performance measures
- Displays meaningful real-time and historical information from a variety of environments
- Offers Internet-based workflow monitoring through a standard browser interface

For ordering, contact:
Your IBM representative, an IBM Business Partner, or the Americas Call Centers at
800-IBM-CALL
Reference: YE001
WebSphere Business Integration Modeler and Monitor provide software tools to help you model, simulate, analyze, automate, and monitor complex business processes quickly and effectively. Line-of-business managers as well as business analysts can more easily design and develop process flows that improve how you do business. With IBM WebSphere Business Integration Modeler and Monitor products, you will be able to maximize business effectiveness by optimizing processes that give you competitive leadership in today’s e-business environment.

The solution consists of the following products which may be implemented either together or separately:

**IBM WebSphere Business Integration Modeler**

IBM WebSphere Business Integration Modeler combines the process design tools used to model processes with the collaborative design environment that allows multiple users to work together. Using this offering, line-of-business professionals from multiple locations can develop business processes and be assured of consistent access to up-to-date process information. The offering provides ten licenses of IBM WebSphere Business Integration Workbench along with IBM WebSphere Business Integration Workbench Server in a conveniently packaged offering that scales to meet the needs of any team.

**IBM WebSphere Business Integration Workbench**

The IBM WebSphere Business Integration Workbench is an application that provides robust functionality for process modeling, enterprise modeling, business process analysis, and workflow translation.

IBM WebSphere Business Integration Workbench helps you model a process and enterprise, model the applications and design GUIs, analyze the process, and translate the process for workflow automation.

Business analysis is one of the critical and most useful capabilities of the IBM WebSphere Business Integration Workbench. Many business process modeling efforts stop at developing flow diagrams or process maps. However, with the IBM WebSphere Business Integration Workbench, the effort is extended to include analysis, redesign, application development, and automation.

IBM WebSphere Business Integration Workbench includes a UML modeler and an Xform designer.

**New to this release** are the following product enhancements:

- Capability to model WebSphere MQ Integrator® Broker and WebSphere Business Integration Message Broker flow activities.
- Ability to export process models from the UML Modeler directly to Rational® XDE®. Previously the UML Modeler could only export UML directly to Rational Rose®.
- Double-byte and bi-directional character support for keyboard input, display, and printing.

Comprised of innovative components, IBM WebSphere Business Integration Workbench helps you:

- Model business processes and capture the flow of work through the enterprise
- Create process models, workflow models, and official company procedures that have an extended life cycle

- Develop extendable process models within a single tool and build a common language for communicating process elements and requirements throughout your company
- Support and implement enterprise initiatives, such as:
  - Workflow automation
  - Policy and procedure documentation
  - Application development
- Gain a true understanding of the performance capabilities of the process through implementation of performance measures, detailed cost, and time metrics
- Generate detailed comparisons and cost justifications between the “as-is” and “to-be” business process model
- Identify bottlenecks and determine appropriate resource allocation for short-term changes in volume, using animated simulation
- Model business process-driven applications
- Identify the application specification and requirements for more effective applications
- Build and convert UML diagrams and export them for use in other application development tools, such as Rational Rose and Rational XDE
- Allow for the rapid design of GUIs as part of gathering the requirements by the business users
- Automatically transform business process elements into UML-based IT development artifacts and vice versa:
  - Enterprise data structures — UML classes
  - Business process model — UML activity diagram
  - Business process activities — UML use cases
  - Business process roles — UML use case actors
- Design business process-driven user interfaces specified by the user profile within the process
- Automatically expand a high-level process into a larger “end-to-end” process
- Schedule processes and view GANTT charts
- Automate validation of process models
- Capture organizational policies, procedures, business rules, goals, and issues
- Define resource allocation across the enterprise and locate allocations to the activities in the business processes
- Export all reports to MS Excel and MS Word:
  - Process times/costs — tabular and graphical
  - Redesign report
  - Case analysis
  - Resource utilization
  - Break-even and ROI analysis
  - Data matrices
- Produce animated process simulation and generate statistical simulation reports
- Model and redesign the business process, incorporating business/time metrics, business rules, policies, and procedures
- Validate and optimize all business processes by using analysis, simulation, and reporting

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**Description**

WebSphere Business Integration Modeler and Monitor provide software tools to help you model, simulate, analyze, automate, and monitor complex business processes quickly and effectively. Line-of-business managers as well as business analysts can more easily design and develop process flows that improve how you do business. With IBM WebSphere Business Integration Modeler and Monitor products, you will be able to maximize business effectiveness by optimizing processes that give you competitive leadership in today’s e-business environment.

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- Develop extendable process models within a single tool and build a common language for communicating process elements and requirements throughout your company
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  - Application development
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- Generate detailed comparisons and cost justifications between the “as-is” and “to-be” business process model
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- Capture organizational policies, procedures, business rules, goals, and issues
- Define resource allocation across the enterprise and locate allocations to the activities in the business processes
- Export all reports to MS Excel and MS Word:
  - Process times/costs — tabular and graphical
  - Redesign report
  - Case analysis
  - Resource utilization
  - Break-even and ROI analysis
  - Data matrices
- Produce animated process simulation and generate statistical simulation reports
- Model and redesign the business process, incorporating business/time metrics, business rules, policies, and procedures
- Validate and optimize all business processes by using analysis, simulation, and reporting
• Provide support for:
  - WebSphere MQ Workflow by generating Flow Definition Language (FDL) and providing automatic workflow validation
  - WebSphere MQ Integrator Broker V2.1 and WebSphere Business Integration Message Broker V5.0 by modeling and managing flow activities
  - IBM WebSphere Business Integration Server by modeling and managing IBM WebSphere Business Integration Collaborations, business objects, and maps
  - Workflow management coalition by generating Workflow Process Definition Language (WPDL) V1.1

• Link UML diagrams to activities in process models
• Gather data for user interface design and development
• Link user forms to activities in process models

IBM WebSphere Business Integration Workbench Entry Edition

Also new to this release is this low-cost entry edition providing process modeling, validation, and simulation. For enterprise departments and individual users who do not require the full capabilities of the IBM WebSphere Business Integration Workbench, this entry edition provides an easy-to-use tool at an affordable price. Following are the key functional differences between the full and entry editions:

<table>
<thead>
<tr>
<th></th>
<th>Workbench</th>
<th>Workbench Entry Edition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Editing modes</td>
<td>Basic</td>
<td>Basic</td>
</tr>
<tr>
<td></td>
<td>Line of visibility</td>
<td>Line of visibility</td>
</tr>
<tr>
<td></td>
<td>E-commerce Integration</td>
<td>E-commerce Integration</td>
</tr>
<tr>
<td></td>
<td>(formerly called MQ Workflow mode)</td>
<td>(formerly called MQ Workflow mode)</td>
</tr>
<tr>
<td></td>
<td>Component Assembly</td>
<td>Assembly</td>
</tr>
<tr>
<td></td>
<td>Advanced</td>
<td>Advanced</td>
</tr>
<tr>
<td>Validation and simulation</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Simulation table reports</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Process case analysis</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Weighted average reports</td>
<td>Time, cost, classification indices, general reports</td>
<td>No</td>
</tr>
<tr>
<td>Analysis reports</td>
<td>Process summary</td>
<td>Process redesign</td>
</tr>
<tr>
<td></td>
<td>Process comparison</td>
<td>Process redesign</td>
</tr>
<tr>
<td>WBI MB/WMQI</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>DesignFlow</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

IBM WebSphere Business Integration Workbench Server

Collaboration, change control management, teamwork, and shared work space have become ever more important in today’s working environment. This is particularly true in situations where work revolves around significant endeavors, such as business process management, where very large processes are modeled, analyzed, reviewed, and redesigned by many team members.

IBM WebSphere Business Integration Workbench Server addresses the needs of users who work in this highly collaborative environment. This product provides repository management and Web publishing capabilities, facilitating process design collaboration and instant Web access to process models, policies, procedures, and business rules.

New to this release are the following enhancements:

• Easier migration through the ability of supporting previous releases of WebSphere Business Integration Workbench. V4.2.4 of WebSphere Business Integration Workbench Server will now work with either V4.2.3 or V4.2.4 of WebSphere Business Integration Workbench.

• Double-byte and bi-directional character set support for keyboard input, display, and printing.

IBM WebSphere Business Integration Workbench Server consists of two components:

• Repository

Repository is a content management solution that provides centralized storage of business process models. It:

- Offers multi-user support
- Specifies user access rights in order to control user actions
- Can add an organization file to the database with a default name or specified name
- Provides a friendly, easy-to-use user interface with resizable windows
- Secures storage of organization processes and data
- Performs check-in and check-out operations safely without user conflicts
- Offers version control for accuracy and reference
- Maintains different process versions and switch from one version to another
- Offers search tools to locate specific repository data
- Offers a Java™ 2 Platform, Entry Edition (J2EE)-based application designed for deployment using WebSphere Application Server

**Web Publisher**

Web Publisher helps manage and disseminate information about business processes by publication of the models and associated information via the Web. Web Publisher:

- Can browse organization files containing information about processes, policies, procedures, and lines of value (LOVs)
- Offers an Internet-based delivery method, enabling distribution of company reports, policies, procedures, directives, goals, documentation, and process models
- Informs, educates, and trains personnel on business processes, goals, policies, procedures, and business rules
- Provides organization charts and employee directories
- Offers detailed information about task inputs and outputs and external entities
- Provides a listing of employees by organization
- Tracks procedures by:
  - Their use and status
  - Where they are used
  - Who is affected by them
  - Their associated business rules
- Offers a J2EE-based application designed for deployment using WebSphere Application Server

**IBM WebSphere Business Integration Monitor**

IBM WebSphere Business Integration Monitor helps track processes, events, and business performance measures, and generates statistical reports for analysis based on actual data. In addition, IBM WebSphere Business Integration Monitor facilitates completion of the cycle of business process improvement by feeding actual information back to the IBM WebSphere Business Integration Workbench for further analysis and process redesign. This provides the basis for business process management, which turns the process into a continuous improvement cycle.

**New to this release** of the product are the following enhancements:

- Ability to monitor data and events from WebSphere Business Integration Message Broker V5.0 and WebSphere MQ Integrator Broker V2.1
- Ability to monitor non-process data by retrieving information from external databases.
- Customizable portlets for the Workflow Dashboard, Business Dashboard, and other user interfaces so that they can be delivered through the WebSphere Portal Server
- Ability to breakout aggregate values in the Business Dashboard by business measures (for example, “total number of new items” by “claim type”)
- Ability to authenticate users against an external Lightweight Directory Access Protocol (LDAP)
- Key usability enhancements
- Ability to define multiple filters through binary expressions (“and”, “or”, “not”)
- Ability to edit performance measures directly in the Monitor client
- Improved graphs and charts
- Ability to run on Solaris 9
- API programming guide
- Double-byte and bi-directional characters support for keyboard input, display, and printing
- Ability to import and export user and group security profiles between environments (for example to move from testing to production)

The basic function of IBM WebSphere Business Integration Monitor is to track data generated by a variety of environments and to correlate that information to process models that were defined in IBM WebSphere Business Integration Workbench. The process model serves as a basis for visualizing the performance of the process as it happens, in real time. You can see what activities are being performed, who is performing them, and where there are bottlenecks. IBM WebSphere Business Integration Monitor can also monitor non-process data from sources such as databases.

IBM WebSphere Business Integration Monitor consists of two components:

- **Workflow Dashboard**
  Workflow Dashboard helps you track processes, work items, and business performance measures (modeled in IBM WebSphere Business Integration Workbench) in real time and take corrective actions. Upon invocation of a corrective action, Workflow Dashboard will then issue a command to WebSphere MQ Workflow via the appropriate APIs.
  Workflow Dashboard helps you:
  - Track a process and its business performance in real time
  - View process instances and activity instances
  - Perform administrative duties and corrective actions, such as suspending, terminating, and load balancing
  - Monitor current processes and identify their performance measures in real time
  - Export data to process models in Workflow Dashboard
  - Enhance workflow alert system and event reporting based on user defined business measures
  - Provide event storage and reporting
  - Offer a J2EE-based application designed for deployment using WebSphere Application Server

- **Business Dashboard**
  Business Dashboard is used to generate reports based on historical data. It offers a set of analytical tools such as trend and quartile analyses.
  Business Dashboard helps you:
  - Generate comprehensive, detailed, customizable statistics based on historical process data and business performance measures
  - Produce performance-oriented decision making that enables management to proactively manage the business process to optimize performance
- Provide user-defined performance measures that include financial, cost, time, and utilization
- Offer trend and quartile analyses capabilities
- Provide actual data export to IBM WebSphere Business Integration Workbench, allowing IBM WebSphere Business Integration Workbench to perform analysis on actual data
- Offer external visibility that can be authorized for external entities affected by the process
- Make available actual versus estimated statistical information for analysis and redesign of business processes
- Offer a J2EE-based application designed for deployment using WebSphere Application Server

For more information on IBM WebSphere Business Integration Modeler and Monitor and other related products and services, go to:

http://www.ibm.com/websphere/integration/wbimodeler

http://www.ibm.com/websphere/integration/wbimonitor

**Trademarks**

WebSphere and MQ Integrator are registered trademarks of International Business Machines Corporation in the United States or other countries or both.
Java is a trademark of Sun Microsystems, Inc.
Rational, XDE, and Rational Rose are registered trademarks of IBM Corporation and Rational Software Corporation, in the United States, other Countries or both.
Other company, product, and service names may be trademarks or service marks of others.
Offering Information

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

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

And, through the Passport Advantage® Web site at:

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

Publications

The following product documentation is provided on the program media as .pdf files:

**IBM WebSphere® Business Integration Workbench**
- Release Notes
- Getting Started
- User Guide
- Tutorial
- Analysis Guide
- Modeling Business Measures Guide
- Modeling Guide
- UML Modeler User Guide
- Reporting Guide
- Integration Guide
- Xform Designer User Guide

**IBM WebSphere Business Integration Workbench Entry Edition**
- Release Notes
- Getting Started
- User Guide
- Tutorial
- Analysis Guide
- Modeling Guide
- Reporting Guide

**IBM WebSphere Business Integration Workbench Server**
- Release Notes
- Deployment Guide
- User Guide
- Administration Guide

**IBM WebSphere Business Integration Monitor**
- Release Notes
- Deployment Guide
- User Guide
- Administration Guide
- API Programming Guide

IBM WebSphere Business Integration Modeler is a bundle of the Workbench and Workbench Server, and includes the documentation from each of those products as listed above.

Technical information

**Specified operating environment**

**Hardware requirements**

**IBM WebSphere Business Integration Workbench and IBM WebSphere Business Integration Workbench Entry Edition**
- Windows®
- Pentium® III 650 MHz, or higher
- 128 MB RAM, or higher
- Hard Disk Drive (HDD) with minimum 200 MB free space (100 MB for installation; 100 MB for working)

**IBM WebSphere Business Integration Workbench Server**
- Windows
  - Pentium III 650 MHz, or higher (recommended)
  - 256 MB RAM (512 recommended)
  - 100 MB of disk space, plus sufficient space for database

**AIX®**
- IBM RS/6000®
  - 512 MB RAM, or higher
  - 100 MB hard-disk space, plus sufficient space for database

**Solaris**
- Sun server
  - 512 MB RAM, or higher
  - 100 MB disk space, plus sufficient space for database

**Web client requirements:**
- Windows
  - Pentium III 650 MHz, or higher
  - 128 MB RAM, or higher (256 MB recommended)

**IBM WebSphere Business Integration Monitor**
- Windows
  - Pentium III 650 MHz, or higher
  - 512 MB RAM, or higher (1 GB recommended)
  - 50 MB disk space, plus sufficient space for database

**AIX**
- RS/6000
  - 1 GB RAM, or higher
  - 50 MB disk space, plus sufficient space for database
Solaris
• Sun server
• 1 GB RAM, or higher
• 50 MB disk space, plus sufficient space for database

z/OS® or S/390®
• An IBM @server zSeries® 900 or S/390 system
• 1 GB RAM, or higher
• 50 MB disk space, plus sufficient space for database

Web Client requirements:
• Pentium III 650 MHz, or higher
• 128 MB RAM, or higher (256 MB recommended)

IBM WebSphere Business Integration Modeler is a bundle of the Workbench and Workbench Server, and has the same hardware requirements as those products as listed above.

Software requirements

IBM WebSphere Business Integration Workbench

Windows
• Windows 98, Windows NT®, Windows 2000, or Windows XP
  - Exporting to IBM WebSphere Business Integration Monitor requires Java™ 1.3.1, or later. For non-English locales: SUN JDK 1.4
  - Exporting to Rational® XDE® requires installation of XDE 2003
  - Importing and exporting XML and UML functionalities requires MicroSoft XML parser 3 or 4
  - Use of IBM WebSphere Business Integration Toolset Process Designer V4.2.0 functionality requires:
    -- MicroSoft XML parser 4
    -- IBM WebSphere Business Integration Toolset

IBM WebSphere Business Integration Workbench Entry Edition

Windows
• Windows 98, Windows NT, Windows 2000, or Windows XP
  - Importing and exporting XML requires MicroSoft XML parser 3 or 4

IBM WebSphere Business Integration Workbench Server

Windows server
• Windows NT 4.0 Server or Windows 2000 Server
• WebSphere Application Server Advanced Edition V4.0.2, WebSphere Application Server V5.0 Fix Pack 1, or WebSphere Application Server Network Deployment V5.0 Fix Pack 1
• IBM DB2® UDB V7.2, with Fix Pack 5, IBM DB2 UDB V8.1, Microsoft™ SQL Server 2000, Oracle 8.1.7.1, or Oracle 9i

AIX server
• AIX V4.3 or later, or AIX 5.1 or later
• WebSphere Application Server V4.0.2 Advanced Edition, WebSphere Application Server V5.0 Fix Pack 1, or WebSphere Application Server V5.0 Network Deployment Fix Pack 1
• IBM DB2 UDB V7.2, with Fix Pack 5, IBM DB2 UDB V8.1, Oracle 8.1.7.1, or Oracle 9i

Solaris
• Solaris 8, maintenance level August 2001, or later, or Solaris 9
• WebSphere Application Server V4.0.2 Advanced Edition, WebSphere Application Server V5.0 Fix Pack 1, or WebSphere Application Server V5.0 Network Deployment Fix Pack 1
• IBM DB2 UDB V7.2, with Fix Pack 5, IBM DB2 UDB V8.1, Oracle 8.1.7.1, or Oracle 9i

Web client:
• Windows 98, Windows NT 4.0, (with Service Pack 3 or higher), Windows 2000, or Windows XP
• Java-enabled browser (preferably, Microsoft Internet Explorer (IE) 5.0, or later)
• Sun Java plug-in JRE 1.4.0, or later

IBM WebSphere Business Integration Monitor

Windows server
• Windows NT 4.0 Server (with Service Pack 4, or later), or Windows 2000 server
• WebSphere Application Server V4.0.2 Advanced Edition, WebSphere Application Server V5.0 Fix Pack 1, or WebSphere Application Server V5.0 Network Deployment Fix Pack 1
• IBM DB2 UDB V7.2, with Fix Pack 5, IBM DB2 UDB V8.1, Oracle 8.1.7.1, or Oracle 9i

AIX server
• AIX V4.3.3, or AIX 5.1, or later
• WebSphere Application Server V4.0.2 Advanced Edition, WebSphere Application Server V5.0 Fix Pack 1, or WebSphere Application Server V5.0 Network Deployment Fix Pack 1
• IBM DB2 UDB V7.2, with Fix Pack 5, IBM DB2 UDB V8.1, Oracle 8.1.7.1, or Oracle 9i

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• Solaris 8, maintenance level August 2001, or later, or Solaris 9
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• IBM DB2 UDB V7.2, with Fix Pack 5, IBM DB2 UDB V8.1, Oracle 8.1.7.1, or Oracle 9i

Web client:
• Windows 98, Windows NT 4.0, Windows 2000, or Windows XP
To monitor WebSphere MQ Workflow, IBM WebSphere MQ Workflow V3.4 or IBM MQSeries® Workflow V3.3.2 is required. The following configurations are supported:

- WebSphere Business Integration Message Broker V5.0 or WebSphere MQ Integrator® Broker V2.1 is required. The following configurations are supported:

<table>
<thead>
<tr>
<th>Product</th>
<th>Win 2000</th>
<th>AIX</th>
<th>Solaris</th>
<th>and DB2</th>
<th>and Oracle 9i</th>
<th>and Oracle 9i</th>
<th>z/OS</th>
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</thead>
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<tr>
<td>WMQI 2.1</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>WBI MB 5.0</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Note:** To monitor WebSphere Business Integration Message Broker and WebSphere MQ Integrator Broker event flows, the WebSphere Business Integration Message Broker Monitor Emitter node SupportPac™ is required. This SupportPac can be downloaded free of charge at:

http://www.ibm.com/webspheremq/supportpacs

For WebSphere Portal Support, use IBM WebSphere Portal Enable V4.2

**Recommended architecture for monitoring WebSphere MQ Workflow**

- IBM WebSphere Business Integration Monitor installed in WebSphere Application Server, together with WebSphere MQ Workflow Web Client, and DB2 Client
- WebSphere MQ Workflow server installed on another server machine
- The DB2 database for the IBM WebSphere Business Integration Monitor should be installed on a connected high-performance database server machine to handle the loads and data.
- Desktops: Clients should log on to WebSphere MQ Workflow and IBM WebSphere Business Integration Monitor from typical desktop machines.

**IBM WebSphere Business Integration Modeler and Monitor solution, the following skills are required:**

- For IBM WebSphere Business Integration Monitor and Workbench Server: Experience in deploying IBM WebSphere Application Server applications. This includes administrative skills in WebSphere Application Server, DB2, Oracle, and WebSphere MQ Workflow (only for the IBM WebSphere Business Integration Monitor).
- For IBM WebSphere Business Integration Monitor: Thorough technical and functional knowledge of the integration with WebSphere MQ Workflow.

**Direct customer support:** Customers are entitled to maintenance support for one year after date of purchase. Additional years of support may be purchased through a Passport Advantage contract. Support is made available by voice or via the Web. Additional information on the level of support available can be found at:

http://www.ibm.com/software/support/pa.html

**Packaging**

WebSphere Business Integration Modeler and Monitor products are shipped on the following CD-ROMs:

- IBM WebSphere Business Integration Workbench
- IBM WebSphere Business Integration Workbench Entry Edition
- IBM WebSphere Business Integration Monitor
- IBM WebSphere Business Integration Workbench Server

IBM WebSphere Business Integration Modeler is a bundle that consists of the two CD-ROMs containing the Workbench and Workbench Server. This 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.

**Ordering information**

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

**Product group:** WebSphere

**Product identifier description:** IBM WebSphere Business Integration Modeler and Monitor V4.2.4 (9724-E46)

**Product category:** WebSphere Business Integration

**Charging**

Charges for authorized use of the program are based on Processor License Units (PLUs). The use of the program on any server machine requires one PLU to be acquired (from IBM or an IBM Business Partner) for each processor contained in the server machine on which any copy of the program is to run. PLUs are required for every server machine on which the program is installed. You are also required to obtain a corresponding number of additional PLUs if the program installation is moved to a server machine with a greater number of processors, or if any...
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**Migration**

Existing customers will receive updated media packs soon after the products become generally available under the new terms.

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**Passport Advantage**

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**iSeries™ software subscription applies:** No

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