

# IBM Retail Store Server Version 7.1

*Providing a scalable, flexible platform for integrating new, innovative technologies into your retail distributed environment*



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## Overview

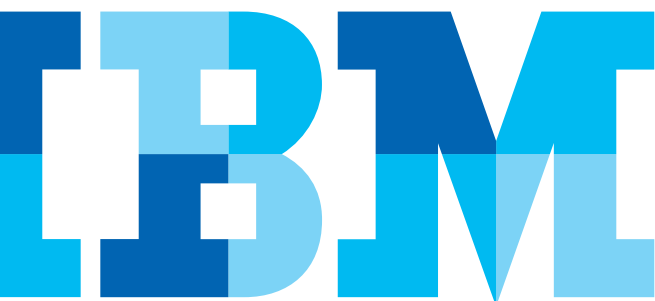
Features brand new IBM Retail Store Server Editions with a choice of IBM database, a new provisioning and monitoring edition and updated enterprise service bus editions. Enables fast development and deployment of remote technologies, while helping to protect existing investments. Provides flexible and affordable solutions available in eight configurations for the store and the enterprise: basic store infrastructure and management, in store application integration, and an enterprise platform. The addition of WebSphere sMash to the bundles enables developers to quickly build and execute agile, Web 2.0-based applications that help retailers be more responsive, flexible, and cost-effective in a challenging economy.

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## Extending your brand across multiple remote locations

To survive and thrive in an ultracompetitive business environment, companies must create and deliver a differentiated customer experience. Not only do businesses need to personalize the customer experience, they need to do so consistently across all touch-points. With so many aspects of the customer experience enabled, driven and aided by technology, it can be challenging for companies to effectively extend their brand across multiple remote locations. Many organizations are using older systems that, while still working well, are inflexible and unable to scale to accommodate exciting new technologies. As a result, companies face challenges in rolling out new technologies in a cost effective manner to remote environments as well as integrating the disparate environments.

IBM Retail Store Server Software provides a reliable, scalable foundation for remote environments where customer facing and self-service technologies are in high demand. IBM Retail Store Server Software allows you to add new technologies as they become available and creatively integrate them to boost efficiency and offer a differentiating customer experience. Designed specifically for remote environments, the software is a comprehensive, open standards-based, turnkey solution. It is designed to deliver reliable and security-rich operations and centralized management of enterprise technologies across networks of several to thousands of locations and devices. Integrated and pretested, IBM Retail Store Server software is a leading service-oriented architecture (SOA) platform that can extend the enterprise to the remote location, providing rapid access to Web based services and legacy applications across the enterprise. Also available are the two IBM enterprise service bus products specifically priced for retail environments: IBM WebSphere Enterprise Service Bus Retail Store Edition and IBM WebSphere Message Broker Retail Store Edition.



## Implementing innovative, new technologies while leveraging existing investments

IBM Retail Store Server software is a premier platform for implementing and operating innovative technologies in remote environments and for integrating those technologies with existing applications across the enterprise. An open standards-based Java 2 Enterprise Edition (J2EE) platform, IBM Retail Store Server software enables you to protect existing investments and take advantage of new technologies as your business evolves. Plus, the software offers plug-and-play functionality so you can quickly develop and deploy remote technologies. IBM Retail Store Server software can take information from your current systems and share it with the new applications you deploy, helping to protect your existing technology investments. And because IBM Retail Store Server software runs on the Microsoft® Windows®, SUSE Linux® and Red Hat Linux operating systems, you have the flexibility to choose the operating system that is best for you.

## Increase store agility and optimize cost by untangling costly and debilitating IT complexity

IBM WebSphere Message Broker Retail Store Edition gives you a flexible and dynamic infrastructure to simplify application integration. With its robust design, scalable architecture, high performance, and ease of use, you can implement an enterprise-wide service oriented architecture (SOA) in stages. WebSphere Message Broker Retail Store Edition offers the solution your organization needs to transform and route business data between applications. Because it can function as a message and protocol switch, you can connect disparate applications and business data across multiple platforms. It also delivers transformation and intelligent routing capabilities for all your business information. It makes business data available exactly where you want it in the format you need it. Also available is IBM WebSphere Enterprise Service Bus Retail Store Edition, a flexible connectivity infrastructure for integrating applications and services, designed to enable the development of a Service Oriented Architecture (SOA). Built on top of WebSphere Application Server for an integrated SOA platform, it

delivers a standards-based connectivity and integration solution that allows you to create and deploy interactions quickly and easily between applications and services, with a reduced number and complexity of interfaces. You can focus on your core store business, rather than on your IT.

## Ready for Today's challenging economy

In today's market climate, there is increased pressure to build applications quickly to answer the situational needs of the business — for example, applications to handle specific store issues, propagating promotions through stores, or the flow of a kiosk transaction. These situational needs are being satisfied more easily than ever before by a growing number of services on the Web, and revolve around new programming approaches, mainly dynamic scripting languages such as PHP Hypertext Preprocessor (commonly known as PHP) and Groovy. IBM WebSphere sMash software is a development and execution platform based on the highly acclaimed public incubator Project Zero (hosted at [projectzero.org](http://projectzero.org)). WebSphere sMash advances the simplicity of IBM Smart SOA and accelerates the alignment of business and IT by allowing developers to quickly and simply deliver dynamic Web 2.0-based applications, enabling mashups. Additionally, the IBM Reliable Transport Extension for WebSphere sMash provides the additional capability for WebSphere sMash applications to interact, using an asynchronous, reliable transport based on queues.

## Leveraging time-tested technology from a single source

IBM Retail Store Server software combines IBM's leading application server, database (DB2 or Informix), messaging, web services and the newest Web 2.0 technology into one product. Plus, IBM can manage the software for you, enabling you to upgrade the product with advanced technologies and take advantage of service and support from a single vendor. The result is a platform on which you can model, assemble, deploy and manage next generation solutions that support the latest industry standards and the latest Java EE middleware technologies — as well as protect your existing solutions.

## Deploying solutions in your remote environment flexibly and cost-effectively

IBM Retail Store Server software is an ideal foundation for organizations that want to take a gradual approach to implementing innovative applications that provide customers with a new and exciting experience. Available in various editions — IBM Retail Store Server Starter Edition and IBM Retail Store Server Starter Edition with Informix Database to meet your specific needs, IBM Retail Store Server software provides you with the flexibility to cost-effectively deploy the solution as your business evolves. An economical starting edition enables you to customize the system to your remote locations, while helping to support your goals of enhanced customer service and adherence to organization policies and procedures. You can also choose from pricing strategies based on the number of client devices or the number of processors you require, which allows you to build your solution cost-effectively.

### IBM Retail Store Server Version 7.1 software

The IBM Retail Store Server Starter Edition provides a cost effective, preintegrated foundation platform for businesses as well as an entry point into a basic SOA environment. Restricted for use on machines with no more than two processor cores, IBM Retail Store Server Starter edition provides access to IBM WebSphere Application Server, IBM WebSphere MQ messaging, IBM DB2® Workgroup Server Edition database (processor and memory usage are restricted) and WebSphere sMash capabilities. This edition is ideal for companies that

have limited processing needs and existing system monitoring solutions. IBM Retail Store Server Starter Edition with Informix Database provides the same functionality as the later edition but replaces the DB2 database with Informix Growth Edition (with some database limitations detailed in the product license.)

IBM Retail Store Server Advanced Editions provide the same software included in the starter editions but enables WebSphere Application Server (WAS) Clustering and high availability as well as the WAS Web Services Gateway functionality. There are also no limitations on the memory for the database memory. The software can also be deployed on a more powerful server or partition.

IBM Tivoli Monitoring and Provisioning Add On for IBM Retail Store Server is a bundle of Tivoli software which provides monitoring capabilities through the IBM Tivoli Composite Application Manager for Applications software, it can monitor the application server, the database and the messaging software. IBM Tivoli Monitoring and Provisioning Add On for IBM Retail Store also enables retailers to provision their store environments with IBM® Tivoli® Provisioning Manager. Built on a Service Oriented Architecture, it enhances usability for executing changes while keeping servers compliant. Tivoli Provisioning Manager helps organizations with provisioning, configuration and maintenance of servers and virtual servers, operating systems, middleware and applications.

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#### IBM Retail Store Server V7.1

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	Hardware Requirements	Software Requirements
<b>Novell</b>	32-bit or 64-bit processor of Intel Pentium 500MHz, at least 2GHz with at least 2GB Memory. Disc space of 20GB	SUSE Linux Enterprise 10.3, 11
<b>Red Hat</b>	32-bit or 64-bit processor of Intel Pentium 500MHz, at least 2GHz with at least 2GB Memory. Disc space of 20GB	Red Hat Enterprise Linux 5.3
<b>Microsoft</b>	32-bit or 64-bit processor of Intel Pentium 500MHz, at least 2GHz with at least 2GB Memory. Disc space of 20GB	Windows Server 2003 Service Pack 2 and R2 SP2 Windows Server 2008 Windows XP Service Pack 2 (64-bit only) Windows XP Service Pack 3 (32 bit only) Windows Embedded POSReady 2009 Windows 7

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**IBM Retail Store Server V7.1 Editions Included Software\***


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	<b>IBM Retail Store Server Starter Edition V7.1**</b>	<b>IBM Retail Store Server Starter Edition with Informix Database V7.1**</b>	<b>IBM Retail Store Server Advanced Edition V7.1</b>	<b>IBM Retail Store Server Advanced Edition with Informix Database V7.1</b>
<b>Application Server</b>	WebSphere Application Server V7	WebSphere Application Server V7	WebSphere Application Server V7	WebSphere Application Server V7
<b>Database</b>	DB2 Workgroup Server Edition 9.7	Informix Growth Edition 11.5	DB2 Workgroup Server Edition 9.7	Informix Growth Edition 11.5
<b>Messaging</b>	IBM WebSphere MQ V7.0.1	IBM WebSphere MQ V7.0.1	IBM WebSphere MQ V7.0.1	IBM WebSphere MQ V7.0.1
<b>Application Development</b>	IBM WebSphere sMash 1.1	IBM WebSphere sMash 1.1	IBM WebSphere sMash 1.1	IBM WebSphere sMash 1.1
<b>Installation</b>	Systems Management Accelerators	Systems Management Accelerators	Systems Management Accelerators	Systems Management Accelerators

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**IBM WebSphere Message Broker Retail Store Edition V7**
**IBM WebSphere Enterprise Service Bus Retail Store Edition V7**

<b>Enterprise Service Bus</b>	WebSphere Message Broker V7	WebSphere Enterprise Service Bus V7
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**IBM WebSphere Central Site Server**

<b>Application Server</b>	WebSphere Application Server V7
<b>Database</b>	DB2 Workgroup Server Edition 9.7
<b>Messaging</b>	IBM WebSphere MQ V7.0.1
<b>Installation</b>	Systems Management Accelerators

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**IBM Tivoli Monitoring and Provisioning Add On for IBM Retail Store Server v7.1**

<b>Provisioning</b>	IBM Tivoli Provisioning Manager v7.2
<b>Monitoring</b>	IBM Tivoli Composite Application Manager for Applications v6.2.3.

\* All software included in the WebSphere Remote Server Editions is restricted by store specific terms and conditions described in the product licenses.

\*\* Please see license document for details on processor core and memory restrictions for this edition.



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