



IBM WebSphere Message Broker Connectivity Pack for Healthcare V7.0 delivers support for clinical application integration and operational management for healthcare environments

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At a glance

WebSphere® Message Broker Connectivity Pack for Healthcare adds out-of-the-box connectivity and time-saving patterns for healthcare providers:

- Provides out-of-the-box pattern-based approach to speed integration of common HL7 clinical information flows within WebSphere Message Broker.
- Provides extensive message logging and reporting to allow operational management of clinical applications.

For ordering, contact your IBM® representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: YE001).

Overview

New WebSphere Message Broker Connectivity Pack for Healthcare V7.0:

- Delivers enhancements for connectivity and configuration options for WebSphere Message Broker in a healthcare environment.
- Includes out-of-the-box connectivity and time saving patterns for healthcare providers seeking to integrate clinical applications based on HL7.
- Provides extensive message logging and reporting to allow operational management of clinical applications.
- Supports WebSphere Message Broker V7.0.0.2 or later, and WebSphere MQ V7.0.1.
- Supports deployment to all operating systems supported by WebSphere Message Broker, including z/OS® .

Key prerequisites

Supported environments

- WebSphere Message Broker

Planned availability date

May 3, 2011: Electronic distribution

May 20, 2011: Media pack

Description

As many hospitals and healthcare institutions move towards integration of their Electronic Medical Records (EMR) prompted by stimulus from government, many are seeking to integrate existing clinical applications to ensure that data is captured and stored within the patient records both for immediate observation and later review and analysis.

The clinical application market contains many vendors serving specific clinical functions such as pharmacy, patient records, and laboratory results management. By integrating the information flow and results from these systems, hospitals are able to choose best-of-breed applications for each function, without sacrificing the clarity and integrity of information flowing between systems and departments.

WebSphere Message Broker Connectivity Pack for Healthcare provides out-of-the-box support to simplify integration using a pattern-based approach for implementing common tasks such as patient admissions, discharges, and transfers (ADT), Taking and recording observations (ORU), and making orders for prescriptions (ORM). By designing and handling these flows between applications in a consistent way, errors due to re-keying can be reduced, and delays in information flow around the hospital are greatly reduced.

WebSphere Message Broker Connectivity Pack for Healthcare is a separate offering allowing developers to augment the function provided within the WebSphere Message Broker base product, through specific content applicable within the healthcare industry.

WebSphere Message Broker Connectivity Pack for Healthcare builds upon the proven quality and scalability of WebSphere Message Broker to provide, in a separately purchased pack, targeted industry connectivity and time-saving patterns for commonly used scenarios. Once installed into the standard broker toolkit, these programs provide a tailored set of configuration and deployment options which directly address common solution requirements in the acute care sector, reducing configuration and deployment time and expense.

WebSphere Message Broker allows connection and integration data flows between multiple endpoints anywhere in an organization. Whether moving around clinical information, or patient address record, WebSphere Message Broker enables definitions of actions for transformation and enrichment of data in process as well as routing to a specific application end-point, based upon the contents of the data.

Specifically the WebSphere Message Broker Connectivity Pack for Healthcare assists businesses in using WebSphere Message Broker to perform a distinct function for healthcare integration:

- Provide a pattern-based approach to assist in the creation of common data flows between different HL7-based clinical applications to manage common healthcare tasks by exchanging information between them.

Patient data routed through WebSphere Message Broker can be transformed into a normalized format (for example, XML), accessible to medical applications. You may add value to this data within WebSphere Message Broker to ensure it is meaningful to your receiving applications.

In providing a pattern-based approach to integrating clinical applications, WebSphere Message Broker will assist healthcare providers to gain additional visibility to patient and clinical data more rapidly and with greater accuracy.

Many hospitals choose "best-of-breed" applications to handle their disparate functions. These include - but are not limited to - patient admissions, discharges, and transfers (ADT), taking and recording observations (ORU) and making orders for prescriptions (ORM).

While many of these systems communicate via the HL7 standard, the use of different fields by each application means that typically clinicians have to manually transpose data from one application to the other at the expense of time and at the risk of transpositional errors.

By integrating the applications using WebSphere Message Broker and the WebSphere Message Broker Connectivity Pack for Healthcare, the systems will be able to interchange data without the need for re-keying.

WebSphere Message Broker Connectivity Pack for Healthcare supports WebSphere Message Broker V7.0.0.2.

Section 508 of the U.S. Rehabilitation Act

IBM WebSphere Message Broker Connectivity Pack For Healthcare V7.0 is capable, as of May 3, 2011, when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A U.S. Section 508 Voluntary Product Accessibility Template (VPAT), containing details on the products accessibility compliance, can be requested at

http://www.ibm.com/able/product_accessibility/index.html

Product positioning

The WebSphere family includes software products to meet diverse integration needs as they span varying programming models, qualities of service, and multiple data types. Whether you are looking to exchange a limited amount of data between applications, services and systems, or implement an enterprise-wide SOA, you can meet current and future needs with WebSphere .

WebSphere Message Broker makes full use of the transport and connectivity options provided by WebSphere MQ, delivering additional routing and transformation capabilities, as well as other functionality to implement or extend an ESB.

WebSphere Message Broker Connectivity Pack for Healthcare builds on the functions offered by WebSphere Message Broker and adds content to provider faster integration between HL7-based clinical applications.

For additional information about WebSphere Message Broker, including information on WebSphere Message Broker Connectivity Pack for Healthcare, visit:

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

Program number

Program name	Program number
IBM WebSphere Message Broker Connectivity Pack for Healthcare v7.0	5725-C18

Education support

IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on the IBM training Web site

<http://www.ibm.com/services/learning/>

Call IBM training at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

Offering Information

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>

Publications

Online product documentation is integrated within the product.

The IBM Publications Center

<http://www.ibm.com/shop/publications/order>

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries, free of charge.

Technical information

Specified operating environment

Hardware requirements

For requirements for WebSphere Message Broker V7, refer to Software Announcement [209-291](#), dated October 02, 2009 .

Software requirements

Software required for WebSphere Message Broker Connectivity Pack for Healthcare is provided.

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a README file, or other information published by IBM , such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Packaging

WebSphere Message Broker Connectivity Pack for Healthcare ships on a media pack.

This program, when downloaded from a Web site, contains the applicable IBM license agreement and License Information, if appropriate, and will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

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Ordering information

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

Product group: WebSphere

Product Identifier	Description	(PID)
IBM WebSphere Message Broker	Connectivity Pack for Healthcare	5725-C18

Product category: Application Integration Middleware Other

Charge metric

Program name	PID number	Charge unit description
IBM WebSphere Message Broker Connectivity Pack for Healthcare	5725-C18	Per Install

Install

Install is a unit of measure by which the Program can be licensed. An Install is an installed copy of the Program on a physical or virtual disk made available to be executed on a computer. Licensee must obtain an entitlement for each Install of the Program.

Product description	Product ID
IBM WebSphere Message Broker Connectivity Pack for Healthcare	5725-C18

Passport Advantage

Here is the complete listing of part numbers for WebSphere Message Broker Connectivity Pack for Healthcare (5725-C18).

Description	Part number
IBM WebSphere Message Broker Connectivity Pack for Healthcare	
Install	
License + Software S&S 12 mo	D0H8CLL
Annual Software S&S Renewal 12 mo	E0AZPLL
Software S&S reinstatement 12 mo	D0H8DLL

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

Entitled maintenance offerings description	Part number
IBM WebSphere Message Broker Connectivity Pack for Healthcare V7.0 Multipatform English Media Pack	BA107ML

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License Information form number

IBM WebSphere Message Broker Connectivity Pack for Healthcare V7.0

- L-AFOS-89SLEP

Limited warranty applies

Yes

Limited warranty

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, consult the IBM Software Support Handbook found at

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

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

Program technical support

Technical support of a program product version or release will be available for a minimum of five years from the general availability date, as long as your Software Subscription and Support (also referred to as Software Maintenance) is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Subscription and Support (Software Maintenance) also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, via announcement letter, of discontinuance of support with 12 months' notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

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Volume orders (IVO)

No

Passport Advantage applies

Yes, and through the Passport Advantage web site at

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

Usage restriction

Yes

WebSphere Message Broker Connectivity Pack for Healthcare is capable of being used as a medical device data system to transfer, store, and convert data from one format to another. IBM grants no license for use of WebSphere Message Broker Connectivity Pack for Healthcare to control any bedside medical device for clinical or treatment purposes (for example, but without limitation, the administration of medication, anaesthetics, saline solutions and the like), and all such use of the Program for clinical or treatment purposes is prohibited. In addition, WebSphere Message Broker Connectivity Pack for Healthcare is not intended or licensed for any of the following:

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2. Use in any active monitoring that depends on the timeliness of data transmission; or
3. Use where WebSphere Message Broker Connectivity Pack for Healthcare is depended on for immediate clinical action.

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IBM Operational Support Services - SoftwareXcel

No

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Not applicable.

Prices

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Corrections

Corrected on August 19, 2011

The Overview section is revised.

Corrected on August 4, 2011

The Marketing channels section is revised.

Corrected on August 4, 2011

The Overview section is revised.