IBM Integration Bus Retail Pack V1.0 simplifies the process of integrating heterogeneous, retail IT systems

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At a glance

IBM® Integration Bus Retail Pack V1.0 provides:

- Ready-to-use connectivity and time-saving patterns for retailers seeking cross-channel integration
- Pattern-based, retail-focused development tooling that provides rapid integration without detailed knowledge of integration engines or enterprise service bus (ESB) technologies
- Retail-oriented, operational views of data from the point-of-sale devices

Overview

Integration Bus Retail Pack helps retailers who are looking to break down barriers in their business. It is designed to make information flow more quickly, reliably, and seamlessly to implement an omni-channel strategy.

The Integration Bus Retail Pack delivers retail-specific aids for connectivity and productivity by:

- Providing a built-in, pattern-based approach to aid configuration and deployment of common retail information flows
- Transforming transaction log data into PosLog format to enable wider distribution of information without error
- Adding point-of-sale data monitoring with a granular view of product and store sales for retail managers

The Integration Bus Retail Pack V1.0 is available under two different licenses:

- Integration Bus Retail Pack for Enterprise
  - For deployment in head office scenarios
  - Provided as an add-on pack to IBM Integration Bus which must be purchased separately

For details of supported releases of Integration Bus, visit


- Integration Bus Retail Pack for Store
– Integration Bus Retail Pack for Enterprise license is a prerequisite
– License includes entitlement to deploy Integration Bus Standard Edition in each physical store
– Media pack includes Integration Bus Standard Edition

This announcement satisfies the Integration Bus Retail Pack statement of direction, announced in Software Announcement ZP13-0641, dated October 1, 2013.

Key prerequisites

Integration Bus V9.0

For additional details, refer to the Technical information section.

Planned availability date

December 13, 2013: Electronic distribution

January 10, 2014: Media pack

Availability of programs with encryption algorithm in France is subject to French government approval.

Description

The retail industry worldwide is undergoing significant change as retailers move towards omni-channel retailing. This provides their customers with a single brand experience irrespective of the channel on which the customer chooses to make their purchase. This is important to the retailer as it is estimated that customers who use multiple channels to purchase goods spend some 30% more than customers who use a single channel. The single brand experience also enhances the overall customer experience and helps to build customer loyalty.

Omni-channel retailing requires the retailer to implement strategies that break down the barriers of individual channels, such as eCommerce and physical stores, to allow the flow of data across the enterprise. The challenge that many retailers face is how to do this. In the past, retailers have embraced new channels and technology which were implemented alongside existing technology and channels in order to reduce risk and the overall business impact. These IT systems, and accompanying processes, work well, but are inflexible and now become a hindrance as they need to integrate the channels and processes to provide the single brand experience.

There are many areas that a retailer can focus on in order to implement omni-channel retailing. A key capability is to allow the customer to buy from any channel, such as eCommerce, web, or store and have the retailer fulfill the order from any source, for example a warehouse, store, or directly from the supplier.

Breaking down the barriers on the inventory systems to provide a single, enterprise-wide inventory view enables:

• Reduction in out-of-stock situations on any one channel.
• Store associates to assist customers with items that are out of stock in store, but available elsewhere by placing an order for them.
• Stores to provide an endless aisle for large numbers of different items of the same type, for instance baby buggies. It is often not possible for a store to hold all of the items available on the web. Giving store associates the ability to access the enterprise inventory allows them to show a customer additional items not on display in the store, which can then be ordered for collection or delivery.
Enabling stores to fulfil orders from other channels enhances the single view of inventory and provides a number of benefits:

- Orders can be fulfilled from multiple stores. This reduces stock fragmentation and thus reduces stock write-down.
- Orders fulfilled from stores where the inventory is not selling well increases the amount of stock sold at full price.

Near, real-time update of inventory and sales data at headquarters allows the retailer to take appropriate business decisions quickly to maximize sales. This sales data can then also be fed into other retail applications, for instance inventory, to keep that information current.

- Items not selling well can be put on offer immediately or moved to a different location.
- Inventory levels can be monitored to ensure out of stock situations are eliminated.

Integration Bus Retail Pack provides ready-to-use support to simplify integration for retail applications and point-of-sales devices. With a pattern-based development approach, the pack ensures a consistent and repeatable development experience and significantly reduces the time and effort required in creating integrations between such systems.

- Integration between WebSphere® Commerce and Sterling Order Management transforms the messages from WebSphere Commerce into the API calls expected by Sterling Order Management. This provides complete order lifecycle support as follows:
  - Real-time, cross-channel visibility of inventory availability
  - Order processing and fulfillment of the commerce shopping cart
  - Real-time, cross-channel visibility of order status and details
  - Ability to define fulfillment-related pricing and promotions
- Integration with Toshiba® Global Commerce Solution 4690 provides trickle feed transmission of TLOG data, together with a pattern to easily transform TLOG data into PosLog standard.
  - Schemas for the 4690 TLOG format are provided to enable the use of the industry standard Data Format Description Language (DFDL).
  - Transformation of the POSLog format into the industry standard ARTS Operational Data Model further enables the use of an Operational Data Store for near real-time update capability for enterprise applications.

Retail-oriented, operational views of data from the point-of-sale devices allows analysis and understanding of current business conditions. Retail specific dashboards allow clients to visualize information of interest by selecting data feeds such as, sales on a per-item basis or sales per store.

**Accessibility by people with disabilities**

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at


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

Integration Bus Retail Pack builds on the functions offered by Integration Bus and adds content to provide faster integration between retail applications and point-of-sales devices.

For additional information about Integration Bus, which includes information on Integration Bus Retail Pack, visit


Reference information

For information on Integration Bus V9.0, refer to Software Announcement ZP13-0167, dated April 23, 2013.

Program number

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<tr>
<td>IBM Integration Bus Retail Pack V1.0</td>
<td>5725-K60</td>
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Education support

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

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

Contact your IBM representative for course information.

Offering Information

Product information is available via the Offering Information website

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

Also, visit the Passport Advantage® website

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

Publications

The Integration Bus Retail Pack Quick Start Guide is included on the media pack.

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 US) 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**

The hardware requirements for Integration Bus Retail Pack V1.0 are the same as the requirements for Integration Bus V9.0. For details, refer to Software Announcement ZP13-0167, dated April 23, 2013.

**Software requirements**

The software requirements for Integration Bus Retail Pack V1.0 are the same as those for Integration Bus V9.0. For details, refer to Software Announcement ZP13-0167, dated April 23, 2013.

The software required for Integration Bus Retail Pack 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**

Integration Bus Retail Pack ships on media packs.

This program, when downloaded from a website, 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.

**Global Technology Services®**

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To locate IBM Business Partners for Software Value Plus in your geography for a specific Software Value Plus portfolio, visit

http://www.ibm.com/partnerworld/wps/blocator/
Product group: WebSphere

Product Identifier Description (PID)

IBM Integration Bus Retail Pack 5725-K60

Product category: Application Integration Middleware Other

For ordering information, consult your IBM representative or authorized IBM Business Partner, or visit


Product description

Integration Bus Retail Pack 5725-K60

Description

Part Number

Integration Bus Retail Pack for Enterprise

Per Install
License + Software S&S 12 mo D11DQLL
Annual Software S&S Renewal 12 mo E01C8LL
Software S&S reinstatement 12 mo D11DRLL

Integration Bus Retail Pack for Store

Per Store
License + Software S&S 12 mo D11E4LL
Annual Software S&S Renewal 12 mo E01CFLL
Software S&S reinstatement 12 mo D11E5LL

Media packs

IBM Integration Bus Retail Pack for Enterprise V1.0 for Multiplatform English Media Pack BA17EEN

IBM Integration Bus Retail Pack for Store V1.0 for Multiplatform English Media Pack BA17FEN

Charge metric

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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.

Store

Store is a unit of measure by which the program can be licensed. For programs licensed in a web commerce environment, a store is a web enabled mercantile establishment deployed and accessible to customers through the web storefront and to administrators through the program. For programs licensed in a physical retail setting, a store is each physical mercantile establishment where goods and services are offered for sale. Licensee must obtain an entitlement for every store where the program is installed.
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The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

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License Information form number

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</table>

The program’s License Information will be available for review on the IBM Software License Agreement website


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.

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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.

**Money-back guarantee**

If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

For clarification, note that (1) for programs acquired under the IBM International Passport Advantage offering, this term applies only to your first acquisition of the program and (2) for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

**Volume orders (IVO)**

No

**Passport Advantage applies**

Yes, and through the Passport Advantage website at

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

**Usage restriction**

Yes

**Software Subscription and Support applies**

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Passport Advantage

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Variable charges apply
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Statement of good security practices

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- Iran
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- Syria

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