IBM WebSphere Decision Server V7.1 combines business rules management and business event processing to accelerate decision making across the enterprise

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At a glance

IBM® Websphere Decision Server V7.1:

- Detects events and event patterns in real-time to facilitate situational awareness and response
- Automates, manages, and governs decisions based on organizational knowledge and best practices

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For ordering, contact Your IBM representative or an IBM Business Partner.
For more information contact the Americas Call Centers at
800-IBM-CALL (426-2255).

Reference: YE001
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Overview

IBM WebSphere® Decision Server V7.1, a combined offering of WebSphere Business Events and WebSphere ILOG® JRules, provides businesses in virtually every industry, the ability to automate and improve decision making.

WebSphere Decision Server helps your organization work smarter by enabling applications that can:

- Detect event-based business situations occurring across applications and systems
- Automate decisions in response to detected data patterns
- Easily implement changes in how decisions are made
- Initiate actions across transactional and process-oriented business systems

With WebSphere Decision Server, business situations or patterns in data can be identified as they occur and automated reasoning can be applied to the data to make better, faster decisions across the enterprise.

Key prerequisites

Supported environments include:

- AIX® V5.3 or V6.1
- HP-UX 11iv2 or 11iv3
- Red Hat Enterprise Linux® 4.0 (AS, ES, or WS)
- Red Hat Enterprise Linux 5.0, Advanced Platform 5.0, or Desktop 5.0
- Solaris 9 or 10
- SUSE Linux Enterprise Server 9.0, 10.0, or 11.0
- Windows® Server 2003
  - Data Edition R2
  - Data Edition Service Pack 1 or 2
  - Enterprise Edition R2
  - Enterprise Edition Service Pack 1 or 2
  - Standard Edition R2
  - Standard Edition Service Pack 1 or 2
- Windows Server 2008:
  - Standard Edition
  - Enterprise Edition
  - Datacenter Edition
- Windows Vista: Business, Enterprise, or Ultimate
- Windows XP (with Service Pack 2 or 3)
- Windows 7: Professional, Enterprise, or Ultimate

Note: Not all components are supported on all environments shown. For details, refer to the Hardware requirements and Software requirements sections.

Planned availability date

- October 15, 2010: Electronic software delivery for Passport Advantage® distributed platform products
- October 29, 2010: Media pack

Description

The ability to effectively automate decision making with operational business systems is imperative for maximizing organizational efficiency and improving employee productivity. In many cases, making the best decision at a given moment requires an understanding of a number of different factors, including:

- Business policies
- Internal and external requirements
- Organizational best practices
- Data of activities taking place over time and across the enterprise

IBM WebSphere Decision Server V7.1 addresses decision management challenges by bringing together IBM's market-leading capabilities in business rules management and business event processing. The combination of these technologies enables organizations to flexibly build solutions that can detect and react to data patterns as they occur within a specified time period, and then provide the appropriate automated decision response to transactional and process-oriented business systems.

Websphere Decision Server V7.1 includes the following WebSphere products:

- **IBM WebSphere Business Events V7.0.1** - Designed specifically for managing business events flowing across systems with the goal of providing timely insight

and response. WebSphere Business Events detects, evaluates, and responds to the impact of business events based on the discovery of actionable event patterns occurring over time.

- **IBM WebSphere ILOG JRules V7.1.1** - Designed for the development and deployment of rule-based applications for Java™ and service-oriented architecture (SOA)-based environments. JRules is used to automate fine-grained and highly variable decisions used by business systems, while reducing the time, effort, and cost of application development and ongoing maintenance.

With WebSphere Decision Server, organizations can monitor a business network to discover and take action on event-based data patterns, and then process this information against business rules in order to determine how to respond within both front-end and back-end systems. Some examples of these kinds of decision management applications include:

- Product and promotional offers
- Case and customer prioritizations
- Fraud determinations

In addition, WebSphere Decision Server allows decision logic to be defined in a non-technical syntax so that it can be understood and maintained by business users, facilitating implementation of changes needed to succeed in today's rapidly evolving marketplace. WebSphere Decision Server provides the ability to work smarter, to improve responsiveness, and to achieve better business outcomes.

Accessibility by people with disabilities

You can request a U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance at

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

Product positioning

Decision management is an approach combining software and expertise to automate and improve decision making within critical business systems. It involves both being able to make the best possible decision at the current moment based on data and situational context, as well as being able to use data to discover insights that can be used to continually improve decisions over time. These decisions may be fully automated (for example, through an online application or a self-service point-of-sale system) or they may be used to provide decision support to people (for example, through a Customer Relationship Management (CRM) system used at a call center, branch or store location, or in the back-office).

There are three primary technology areas that fit within the decision management concept:

- Situational awareness and decision execution - identifying significant events taking place across business systems and providing precise decision responses based on the context of a customer interaction, transaction, or process
- Business intelligence monitoring and reporting - providing decision support to people and systems through historical and current views of business operations
- Analytics - discovering insights in data that can be used to implement improvements to decision execution

While these three technology areas are highly complementary, they can be used separately or together as part of a decision management solution. Each area brings a different focus and strength to automating and improving operational decisions. IBM's decision management offerings include:

- **IBM WebSphere Decision Server** - to detect events and event patterns in real-time and precisely automate highly variable decisions in transactional and process-based systems
- **IBM SPSS** - predictive analytics software to help organizations proactively act upon insights from data to drive better business outcomes
- **IBM ILOG Optimization** - to determine the best solution or options for decisions involving competing objectives, priorities, or resources
- **IBM Cognos®** - to understand business performance and use that insight to make better decisions

IBM brings a proven track record across its product portfolio as shown above. In addition, IBM has a number of other technologies that provide strong synergies to decision management solutions, such as application infrastructure technologies for running scalable and secure applications, connectivity technologies to provide integration with data and systems across the enterprise, and business process management technologies for utilizing decision execution within orchestrated processes.

Reference information

Refer to:

- Software Announcement 209-323, dated October 02, 2009
- Software Announcement 210-122, dated April 27, 2010

Program number

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Program                     Program
number         VRM          name

5725-B69       7.1.0        IBM WebSphere Decision Server
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Consulting and services

Professional Services are available to help clients get into production quickly and, if desirable, to assist with planning and growing into full-blown business integration solutions. These services can be provided through our IBM Business Partner community or through IBM Global Services.

To contact a Software Services sales specialist, visit

http://www.ibm.com/software/sw-services

Education support

Training is available for:

- WebSphere ILOG JRules V7.1
- WebSphere ILOG Rule Team Server V7.1
- WebSphere ILOG Rules for .NET V7.1

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

http://www.ibm.com/websphere/education

Refer to the WebSphere Education website for information on course locations and availability dates. Call IBM training at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

The WebSphere Education team delivers a comprehensive portfolio of education services to help customers and IBM Business Partners successfully deploy service-oriented architecture (SOA) and integrate WebSphere middleware products to achieve the maximum benefit.

Education is a key component to ensuring software success. A study by the WebSphere Support Team has shown that a lack of training is the third most common cause of deployment issues for three years running. Our curriculum provides a unique training value built on exclusive product knowledge direct from IBM developers cemented with expert instructors and flexible time and cost-saving training options. The IBM WebSphere Education team works closely with product developers and services organizations to ensure that the courses we offer provide the most up-to-the-minute technical and product information. Our courses place an emphasis on the advanced knowledge and insight that only these sources can provide. We draw from a deep pool of IBM technical experience in the development of our courses, and pass that knowledge on to our students.

With over 200 courses across eight curriculums, WebSphere Education provides training that spans the spectrum of skills needs from introductory product overviews to advanced programming and administration. Hands-on labs let you work with fully functional versions of the software you are studying to round out your training experience. Several training options are available, including classroom, private customized courses, or instructor-led or self-paced online learning letting you train from your office without traveling.

For more information about available education offerings, visit

http://www.ibm.com/websphere/education

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

A *Quick Start Guide* is shipped with the products.

No other printed publications are shipped with the products.

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

WebSphere Decision Server is available for a range of operating environments. Basic supported environments are listed below, but specific hardware, operating system, and supporting software requirements depend on the actual components to be deployed from this combined offering of WebSphere Business Events and WebSphere ILOG JRules. Not all components are supported on all environments shown. Details of supported environments by component are available as follows:

- For WebSphere Business Events requirements, refer to Software Announcement 209-323, dated October 02, 2009

  For more detailed information on WebSphere Business Events software and hardware requirements, visit

  http://www-01.ibm.com/software/integration/wbe/requirements/
- For WebSphere ILOG JRules requirements, refer to Software Announcement 210-122, dated April 27, 2010

  For more detailed information on WebSphere ILOG JRules software and hardware requirements, visit

  http://www-01.ibm.com/software/integration/business-rule-management/ jrules-family/reqs/

Software requirements

Refer to the Hardware requirements section.

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.

Limitations

Refer to the License Information document that is available on the IBM Software License Agreement website

  http://www.ibm.com/software/sla/sladb.nsf

Planning information

Direct customer support

Direct customer support is provided by IBM Operational Support Services - SoftwareXcel. This fee service enhances your productivity by providing voice and electronic access into the IBM support organization. IBM Operational Support Services - SoftwareXcel helps answer questions pertaining to usage and suspected software defects for eligible products.

Installation and technical support is provided by Global Services. For more information call 800-IBM-4YOU (426-4968).

For technical support or assistance, contact your IBM representative or visit

  http://www.ibm.com/support

Packaging

The WebSphere Decision Server V7.1 product package includes:

- Product CD-ROMs, DVDs, or both

- Printed *Quick Start Guide*

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.

Security, auditability, and control

IBM WebSphere Decision Server V7.1 uses the security and auditability features of the host software. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

http://www.ibm.com/software/sw-services/

Ordering information

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

Product group: Application and Integration Middleware

	Product Identifier Description (PID)
IBM WebSphere Decision Server V7.1	5725-B69

Product category: WebSphere

Charge metric

Program name	Part number or PID number	Charge metric
IBM WebSphere Decision Server	5725-B69	Processor Value Unit

Processor Value Unit (PVU)

PVU is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU Table by processor value, brand, type, and model number at

http://www.ibm.com/software/lotus/passportadvantage/
pvu_licensing_for_customers.html

and the number of processors made available to the program. IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores.

Licensee can deploy the program using either full capacity licensing or virtualization capacity (sub-capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms (refer to the webpage below). If using full capacity licensing, licensee must obtain PVU entitlements sufficient to cover all activated processor cores* in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using virtualization capacity licensing, licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at

http://www.ibm.com/software/lotus/passportadvantage/
Counting_Software_licenses_using_specific_virtualization_technologies.html

* An activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

Notes:

- Some programs may require licenses for the program **and** what is being managed. In that case, the following applies. In addition to the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- Some programs may be licensed on a managed basis **only**. In that case, the following applies: Instead of the entitlements required for the program directly, Licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies. Rather than obtaining entitlements for the activated processor cores available to the program, licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the referenced program as if the program itself were executing everywhere the referenced program was executing, independent of the basis on which the referenced program is licensed.
- Express® and workgroup programs may be licensed with maximum use terms. In that case, the following applies. The maximum authorized use terms and conditions for PVU licensed IBM express and middleware programs can be found in the IBM Express and Middleware Licensing Guide.

Passport Advantage

Program name/Description	Part number
WebSphere Decision Server PVU License + SW S&S 12 Months	D0G80LL
WebSphere Decision Server PVU Annual SW S&S Renewal	E0AI1LL
WebSphere Decision Server PVU SW S&S Reinstate 12 Months	D0G81LL

Passport Advantage trade up

Below is a list of precursor products for which you must have already acquired a license, in order to be eligible to acquire equivalent licenses using the trade-up part number.

Precursor product	Trade-up product	Trade-up part number
WebSphere Business Events	WebSphere Decision Server V7.1	D0G83LL
WebSphere Business Events	WebSphere Decision Server V7.1 for	D0G7MLL

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                         Linux on System z

WebSphere ILOG         WebSphere Decision     D0G82LL
 JRules                 Server V7.1

WebSphere ILOG         WebSphere Decision     D0G7LLL
 JRules                 Server V7.1 for
                        Linux on System z®
```

Consult your IBM representative if you have any questions.

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                 Part
 description                                    number

IBM WebSphere Decision Server                  5725-B69

Media packs                                    Part
 description                                    number

IBM WebSphere Decision Server                  B800QML
 Multiplatform Multilingual Media Pack
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Cross-platform product for use on System z Integrated Facility for Linux (IFL) engines

Order the part numbers that follow when the product is intended to run on the Linux operating system on System z IFL engines. If the product is not intended to run on the Linux operating system on System z IFL engines, order from the other set of part numbers in this announcement. This set of part numbers provides the identical supply and authorization as the other set in this announcement.

```
                                               Part
Program name/Description                        number

WebSphere Decision Server for Linux on         D0G7JLL
 System z PVU License + SW S&S 12 Months

WebSphere Decision Server for Linux on         E0AHVLL
 System z PVU Annual SW S&S Renewal

WebSphere Decision Server for Linux on         D0G7KLL
 System z PVU SW S&S Reinstate 12 Months
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License Information form number

WebSphere Decision Server V7.1: L-ASAY-88LM86

The programs' License Information will be available for review on the IBM Software License Agreement website

   http://www.ibm.com/software/sla/sladb.nsf

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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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.

Other terms

Volume orders (IVO)

No

IBM International Passport Advantage Agreement

Passport Advantage applies

Yes, and through the Passport Advantage website at

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

Usage restriction

Yes

Usage is limited to the quantity of Value Units licensed.

For additional information, refer to the License Information document that is available on the IBM Software License Agreement website

http://www.ibm.com/software/sla/sladb.nsf

Software Subscription and Support (Software Maintenance) applies

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

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System i Software Maintenance applies

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Variable charges apply

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Educational allowance available

Not applicable.

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Prices

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