



# IBM Rational Developer for i for SOA Construction V8.0.3 delivers a comprehensive solution for application development on IBM i systems

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## Overview

Rational® Developer for i for SOA Construction V8.0.3 delivers a comprehensive application development and modernization solution providing development tools for today's development teams on IBM® i who need to:

- Create, maintain, and enhance RPG and COBOL applications on IBM i
- Extend RPG and COBOL applications to the web and to web services to enable their integration with other applications, implement business-to-business (B2B) integrations, and provide end users with richer and more productive interface
- Reuse existing applications and integrate them into automated business processes and new applications

Rational Developer for i for SOA Construction V8.0.3 helps you:

- Reduce development costs
- Simplify the development of service-oriented architecture (SOA) applications
- Modernize and integrate existing systems
- Reuse, integrate, and extend valuable existing IT assets (such as RPG and COBOL programs and service programs) using wizards that generate web services interfaces to the existing programs

Rational Developer for i for SOA Construction V8.0.3 includes the following products (all built upon Eclipse 3.6):

- IBM Rational Business Developer V8.0.1.2
- IBM Rational Developer for Power Systems Software™: RPG and COBOL Development Tools for i V8.0.3
- Rational Host Access Transformation Services (HATS) Toolkit V8.0

Rational Business Developer delivers the latest developer tools to support the development, testing, and debugging of Enterprise Generation Language (EGL) applications and services. EGL, an open source business language, is ideal for business-oriented development teams who value ease of learning and high productivity, but need to quickly deliver modern applications and services. Together, Rational Business Developer and EGL help simplify and accelerate the development of web and SOA applications while leveraging assets from existing systems.

Rational Developer for Power Systems Software - RPG and COBOL Development Tools for i let you create, maintain, and enhance RPG-, COBOL-, CL-, DDS-, and C/

C++-based applications on IBM i. With graphical search, edit, analyze, compile, and debug capabilities, Rational Developer for Power Systems Software can help your team improve its productivity.

Although the HATS Toolkit V8.0 is available as a free download, it is included in Rational Developer for i for SOA Construction for your convenience. Rational HATS for 5250 Applications (which requires a separate runtime license) offers richer user interfaces and flexible web services options.

If your business relies on "green-screen" applications, HATS can help you realize new value from those feature-rich, mission-critical assets. Without requiring modification to your existing applications, or even requiring access to source code or screen maps, HATS enables you to quickly transform your text-based terminal applications to intuitive web, portlet, rich client or mobile device UIs.

You can also gain additional reuse and flexibility by extending the business logic from these established applications as standard web services.

Combined, these tools help you realize the productivity gains of moving from older green screen development tools, to a rich, integrated development environment. Your developers can use this same common development environment across multiple projects that may use a variety of languages and target platforms.

These modern development tools also help you attract and retain new developers, many of whom are already familiar with the Eclipse workbench, which can lower your initial training costs.

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

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## Key prerequisites

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For details, refer to the [Hardware requirements](#) and [Software requirements](#) sections.

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## Planned availability date

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October 14, 2011: Electronic and physical availability, Passport Advantage®

October 21, 2011, Advanced Administration System (AAS)

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## Description

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Rational Developer for i for SOA Construction V8.0.3 delivers tools for web development and for creating, maintaining and enhancing existing RPG and COBOL applications. Rational Developer for i for SOA Constructions contains three products:

- Rational Business Developer V8.0.1.2
- Rational Developer for Power Systems Software - RPG and COBOL Development Tools for i V8.0.3
- Rational Host Access Transformation Services Toolkit V8.0

The combination of Rational Developer for Power Systems Software and Rational Business Developer enables developers to create web applications and web services that leverage existing IBM i applications all with a programming language (EGL) that are easy for RPG and COBOL developers to learn.

### **Rational Business Developer V8.0.1.2**

Rational Business Developer delivers the latest tools and technology to support the definition, testing, and debugging of EGL applications and services. It also delivers

a generation engine that transforms the EGL source into Java™, JavaScript™, or COBOL code optimized for deployment to a broad variety of application hosting environments, including Java Enterprise Edition servers (such as WebSphere®, Apache Tomcat, and IBM i Integrated Application Server) and IBM i.

EGL, an open source business language, is ideal for business-oriented development teams who value ease of learning and high productivity, but need to quickly deliver modern applications and services. EGL supports the needs of business application developers by delivering the tools and capabilities to develop and deploy applications and services to a wide variety of platforms and operating environments using a single programming language.

EGL hides the details of the target execution platforms and associated middleware, freeing developers to focus on the business problem rather than on the underlying implementation technologies. Developers who have little or no experience with Java and web technologies can use EGL to create enterprise-class services and applications quickly and easily.

Rational Business Developer provides a comprehensive and powerful development environment for the EGL language. IBM Rational Business Developer provides the tools to develop, test, debug, build, and deploy EGL applications. These tools work seamlessly with other Eclipse-based tools, like Rational Developer for Power®, to provide a seamless development experience for all types of application development.

Rational Business Developer addresses the full spectrum of modern business application scenarios, including development of:

- Business services: The language includes the built-in notion of "service," allowing you to create and invoke services in a simple and straightforward way.
- Web applications: Tight integration of EGL with the Java Server Faces (JSF) framework and JSF tooling enables programmers to create web applications in a simple and productive way, without the need to know either Java or the details of the JSF framework.
- Rich Internet applications: With EGL Rich UI, organizations have the tools to build rich, responsive web-based applications that access web services.
- Portlets: EGL JSF web applications can also be deployed to WebSphere Portal Server, and EGL provides built-in functions to interface with the portal framework, including support for inter-portlet communications.
- Reports: EGL provides integration with BIRT, an open source reporting engine, allowing you to create professional reports.
- Batch systems: The language includes the built-in notion of "batch program," which can be generated to run without end-user interaction; for example, to produce reports or to batch database loads and updates.

With Rational Business Developer, business developers can now develop rich, modern Web 2.0-style applications. The industry-wide adoption of Web 2.0 is changing the way people use and exchange information and how businesses operate on the web today. With Web 2.0, business can deliver external and internal solutions by modernizing and extending existing assets in innovative ways, while harvesting services dispersed across the Internet.

To deal with the challenges of building these rich, browser-based applications, Web 2.0 technologies are based on simpler programming models. Those techniques accelerate time to market by improving the consumption of existing enterprise assets. Web 2.0 is all about using the Internet creatively, as a platform to foster innovation, speed, and simplicity.

For more information on Rational Business Developer V8.0.1.2, refer to Software Announcement [210-404](#), dated October 26, 2010.

### **Rational Developer for Power Systems Software V8.0.3 - RPG and COBOL Development Tools for i**

The RPG and COBOL Development Tools for i feature of Rational Developer for Power Systems Software provides a rich set of integrated development tools for

organizations creating, maintaining, and enhancing RPG, COBOL, CL, and Data Description Specifications (DDS) based applications on IBM i. The RPG and COBOL Development Tools for i includes:

- An Eclipse-based development environment with integrated search, edit, analysis, build, and debug capabilities
- Access to remote libraries, objects, members, IFS files, and jobs
- Rich source editing support with content assist, outline view, color tokenizing, quick navigation, syntax checking, and much more
- Visual editors for DDS display file and printer file source members
- Integrated support for launching remote compiles and integrating compile error feedback
- Debugging support with real-time monitoring of field changes
- Analysis tools that can visualize procedure, subroutine, and program calls, and ILE bindings

Combined, Rational Business Developer and IBM Rational Developer for Power Systems Software, allow you to modernize existing RPG and COBOL applications to enable them for SOA. For example, you can use the analysis, edit, and debug capability in Rational Developer for Power Systems Software to separate your business logic into reusable procedures. The web services wizard can be then be used to turn these procedures into web services enabling the RPG and COBOL business logic to be used by EGL and other languages and runtime platforms.

For more information on Rational Developer for Power Systems Software V8.0.3, refer to Software Announcement [211-344](#), dated October 4, 2011.

### **Rational HATS Toolkit V8.0**

The Rational HATS Toolkit is a set of plug-ins for the Eclipse-based Rational Software integrated development environment (IDE) tools. The HATS Toolkit enables you to develop new applications that generate GUIs for your 3270 and 5250 applications. Although the HATS Toolkit V8.0 is available as a free download, it is included in Rational Developer for i for SOA Construction for your convenience.

Rational HATS for 5250 Applications (which requires a separate runtime license) offers richer user interfaces and flexible web services options. If your business relies on "green-screen" applications, HATS can help you realize new value from those feature-rich, mission-critical assets. Without requiring modification to your existing applications, or even requiring access to source code or screen maps, HATS enables you to quickly transform your text-based terminal applications to intuitive web, portlet, rich client, or mobile device UIs. Also gain additional reuse and flexibility by extending the business logic from these established applications as standard web services.

Over time, or as quickly as desired, HATS can be used to streamline your applications, making them easier to use and often reducing desktop administration costs. Your new applications can be accessed from a browser, portlet, rich client, or even a mobile device. You can evolve your HATS-based applications iteratively, previewing and saving each change you make.

With the HATS Toolkit, you can create a GUI suited to your business needs and standards. Hide unnecessary information, organize data into tables, or display only required input fields. You can provide a drop-down list of valid values for an input field, change the layout and the contents of the user interface, and provide navigation buttons.

For more information on Rational HATS Toolkit V8.0, refer to Software Announcement [211-301](#), dated August 9, 2011.

### **Rational Team Concert™ Integration**

Rational Developer for Power Systems Software and Rational Business Developer provide integration with Rational Team Concert; a collaborative lifecycle

management solution that offers integrated team collaboration, work items, source control, build, dashboards, and reporting. Rational Team Concert also has built-in planning and process support that can help teams using Agile or traditional development processes.

Many applications today are comprised of multiple program languages and platforms; such as a web frontend written in one programming language and business logic in RPG or COBOL. Rational Team Concert allows all development teams, regardless of development platform or programming language to use a single application lifecycle management solution for tracking work items, planning, source control, and builds. With all teams using Rational Team Concert it becomes easier to track dependencies, plan, and get a clearer picture of the overall status of projects or changes that span multiple teams.

For additional information on Rational Team Concert, visit

<http://jazz.net/projects/rational-team-concert>

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### Accessibility by people with disabilities

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

[http://www.ibm.com/able/product\\_accessibility/index.html](http://www.ibm.com/able/product_accessibility/index.html)

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### Section 508 of the US Rehabilitation Act

Rational Developer for i for SOA Construction V8.0.3 is capable as of October 14, 2011, when used in accordance with associated IBM 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.

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### Program number

Program number	VRM	Program name
Passport Advantage		
5724-T83	V8.0.3	IBM Rational Developer for i for SOA Construction
Advanced Administration System (AAS)		
5733-SOC	V8.0.3	IBM Rational Developer for i for SOA Construction

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### Product identification number

Program PID number	SWMA PID number	SWMA PID description
5733-SOC	5660-SOA	Rational Developer for i for SOA Construction N/C Registration and 1-year renewal
	5661-SOA	Rational Developer for i for SOA Construction 1 year after License
	5662-SOA	Rational Developer for i for SOA Construction 3-year registration
	5663-SOA	Rational Developer for i for SOA Construction 3-year renewal
	5664-SOA	Rational Developer for i for SOA Construction 3 year after license

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## Offering Information

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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>

### **Business Partner information**

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If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld® ID and password are required (use IBM ID).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=211-346>

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## Publications

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No publications are shipped with this program.

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.

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## Technical information

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### **Specified operating environment**

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#### **Hardware requirements**

For hardware requirements information on Rational Business Developer V8.0.1.2, refer to Software Announcement [210-404](#), dated October 26, 2010.

For hardware requirements information on Rational Developer for Power Systems Software: RPG and COBOL Development Tools for i V8.0.3, refer to Software Announcement [211-344](#), dated October 4, 2011,(IBM Rational Developer for Power Systems Software V8.0.3).

For hardware requirements information on IBM Rational Host Access Transformation Services Toolkit V8.0 refer to Software Announcement [211-301](#), dated August 9, 2011,(IBM Rational Host Access Transformation Services Toolkit V8.0).

#### **Software requirements**

For software requirements information on Rational Business Developer V8.0.1.2, refer to Software Announcement [210-404](#), dated October 26, 2010,(IBM Rational Business Developer V8.0.1).

For software requirements information on Rational Developer for Power Systems Software: RPG and COBOL Development Tools for i V8.0.3, refer to Software Announcement [211-344](#), dated October 4, 2011,(IBM Rational Developer for Power Systems Software V8.0.3)

For software requirements information on Rational Host Access Transformation Services Toolkit V8.0 refer to Software Announcement [211-301](#), dated August 9, 2011, (IBM Rational Host Access Transformation Services Toolkit V8.0).

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***

For additional information, refer to [Usage restriction](#) in the [Terms and conditions](#) section of this announcement, or 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**

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#### ***Packaging***

#### **Rational Developer for i for SOA Construction V8.0.3 (5733-SOC)**

- IBM Rational Developer for i for SOA Construction V8.0.3 License Information Document (GC52-1383)
- IBM Rational Developer for Power Systems Software V8.0 License Information Document (GC52-1361)
- IBM Rational Business Developer V8.0.1 License Information Document (GC52-1384)
- IBM Rational Host Access Transformation Services V8.0 License Information Document (GC52-1276)
- IBM Rational Developer for i for SOA Construction V8.0.3 Quick Start Guide (LCD8-1726)
- IBM Rational Developer for Power Systems Software V8.0.3 product kit (LK4T-1770)
  - IBM Rational Developer for Power Systems Software V8.0.3 product
  - IBM Rational Developer for Power Systems Software RPG and COBOL Development Tools for i V8.0 activation kit
- IBM Rational Business Developer V8.0.1.2 product kit (LK4T-1757)
  - IBM Rational Business Developer V8.0.1.2 product
  - IBM Rational Business Developer V8.0.1 activation kit
- IBM DB2® Express® Edition V9.7 kit (LK4T-1758)
- IBM Rational Enterprise Deployment V1.4.4 kit (LK4T-1786)
- IBM Rational Host Access Transformation Services Toolkit V8.0 product (LCD8-0893)

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.

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### **Software Services**

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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/>

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## Ordering information

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Product group: IBM Rational

Product Identifier Description	PID
IBM Rational Developer for i for SOA Construction V8.0.3	5724-T83
IBM Rational Developer for i for SOA Construction V8.0.3	5733-SOC

### **Charge metric**

Program name	PID	Charge metric
Rational Developer for i for SOA Construction	5724-T83	Authorized User
Rational Developer for i for SOA Construction	5733-SOC	Authorized User

### **Passport Advantage**

Program name/Description	Part number
IBM Rational Developer for i for SOA Construction V8.0.3 Media Pack	BT0FRML
IBM Rational Developer for i for SOA Construction Auth Us LIC+SW MAINT 12 MO	D03L5LL
IBM Rational Developer for i for SOA Construction Auth Us ANNUAL SW MAINT RNWL	E04KDLL
IBM Rational Developer for i for SOA Construction Auth Us SW MAINTW REINSTATE 12 MO	D03L6LL
IBM Rational Developer for i for SOA Construction Auth Us from IBM Rational Developer for System i® TRADEUP LIC+SW MAINT 12 MO	D03L7LL
IBM Rational Developer for i for SOA Construction Auth Us from VA Generator TRADEUP LIC+SW MAINT 12 MO	D03XALL
IBM Rational Developer for i for SOA Construction Auth Us from Rational Developer for Power RPG and COBOL Development Tools for i Auth Us TRADEUP LIC+SW MAINT 12 MO	D0JD8LL

## 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 description	Part number
Rational Developer for i for SOA Construction V8.0.3 Media Pack	BT0FRML

### Charge features

For information on AAS charge features, refer to Software Announcement [211-100](#), dated April 12, 2011.

### Supply features

Feature description	Feature code
Rational Developer for i for SOA Construction V8.0.3 media	5829

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## Terms and conditions

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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.

### **Licensing**

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use. Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

This software license includes Software Subscription and Support (also referred to as Software Maintenance).

### **Agreement for Acquisition of Software Maintenance**

The IBM Agreement for Acquisition of Software Maintenance (Z125-6011) agreement applies for Subscription and Support (also referred to as Software Maintenance) and does not require customer signatures.

These programs are licensed under the IBM Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with the initial license acquisition of each program acquired. The initial period of Software Subscription and Support (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available. These programs have a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect.

### **License Information form number**

Passport Advantage: L-JWOG-8HMK8K  
AAS: GC52-1383-01

The program's 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.

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).

**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)**

Yes. Contact your IBM representative.

**Passport Advantage applies**

Yes, and through the Passport Advantage website at

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

**Usage restriction**

Yes

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 applies**

Yes. Software Subscription and Support (also referred to as Software Maintenance), is now included in the Passport Advantage Agreement. Installation and technical support for the products announced in this announcement is provided by the Software Subscription and Support offering of the IBM International Passport

Advantage Agreement. This fee service enhances customer productivity by providing voice or electronic access into the IBM support organizations.

IBM includes one year of Software Subscription and Support with the initial license acquisition of each program acquired. The initial period of Software Subscription and Support can be extended by the purchase of a renewal option.

While your Software Subscription and Support is in effect, IBM provides you assistance for your routine, short duration installation and usage (how-to) questions, and code-related questions. IBM provides assistance via telephone and, if available, electronic access, only to your information systems (IS) technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. (This assistance is not available to your end users.) IBM provides Severity 1 assistance 24 hours a day, every day of the year. For additional details, consult your *IBM Software Support Handbook* at

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

Software Subscription and Support does not include assistance for the design and development of applications, your use of programs in other than their specified operating environment, or failures caused by products for which IBM is not responsible under this agreement.

For additional information about the Passport Advantage Agreement, visit the Passport Advantage website at

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

All distributed software licenses include Software Subscription and Support for a period of 12 months from the date of acquisition, providing a streamlined way to acquire IBM software and assure technical support coverage for all licenses. Extending coverage, for a total of three years from date of acquisition, may be elected.

***Variable charges apply***

No

***Educational allowance available***

Yes. A 15% education allowance applies to qualified education institution customers.

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## **IBM Electronic Services**

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IBM has transformed its delivery of hardware and software support services to help you achieve higher system availability. Electronic Services is a web-enabled solution that offers an exclusive, no-additional-charge enhancement to the service and support available for IBM servers. These services are designed to provide the opportunity for greater system availability with faster problem resolution and preemptive monitoring. Electronic Services comprises two separate, but complementary, elements: Electronic Services news page and Electronic Services Agent.

The Electronic Services news page is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. The news page enables you to gain easier access to IBM resources for assistance in resolving technical problems.

The Electronic Service Agent™ is no-additional-charge software that resides on your server. It monitors events and transmits system inventory information to IBM on a periodic, client-defined timetable. The Electronic Service Agent automatically reports hardware problems to IBM. Early knowledge about potential problems enables IBM to deliver proactive service that may result in higher system availability and performance. In addition, information collected through the Service Agent is

made available to IBM service support representatives when they help answer your questions or diagnose problems. Installation and use of IBM Electronic Service Agent for problem reporting enables IBM to provide better support and service for your IBM server.

To learn how Electronic Services can work for you, visit

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

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## Prices

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### **Business Partner information**

If you are an IBM Business Partner -- Distributor for Workstation Software acquiring products from IBM, you may link to Passport Advantage Online for resellers where you can obtain Business Partner pricing information. An IBM ID and password are required.

<https://www.ibm.com/software/howtobuy/passportadvantage/paoreseller>

### **Passport Advantage**

For Passport Advantage information and charges, contact your IBM representative, authorized IBM Business Partner, or authorized IBM Business Partner for Software ValueNet®, if applicable. Additional information is also available at

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

### **Passport Advantage**

For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner for Software ValueNet. Additional information is also available at

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

### **IBM Global Financing**

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IBM Global Financing offers competitive financing to credit-qualified customers to assist them in acquiring IT solutions. Offerings include financing for IT acquisition, including hardware, software, and services, from both IBM and other manufacturers or vendors. Offerings (for all customer segments: small, medium, and large enterprise), rates, terms, and availability can vary by country. Contact your local IBM Global Financing organization or visit

<http://www.ibm.com/financing>

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For more financing information, visit

<http://www.ibm.com/financing>

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## Order now

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To order, contact the Americas Call Centers or your local IBM representative, or your IBM Business Partner.

To identify your local IBM representative or IBM Business Partner, call 800-IBM-4YOU (426-4968).

Phone: 800-IBM-CALL (426-2255)  
Fax: 800-2IBM-FAX (242-6329)  
Internet: [callserv@ca.ibm.com](mailto:callserv@ca.ibm.com)  
Mail: IBM Teleweb Customer Support  
ibm.com® Sales Execution Center, Americas North  
3500 Steeles Ave. East, Tower 3/4  
Markham, Ontario  
Canada  
L3R 2Z1

Reference: YE001

The Americas Call Centers, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

**Note:** Shipments will begin after the planned availability date.

### **IBM Software ValueNet**

These products are available under IBM Software ValueNet, either directly from IBM or through authorized Business Partners who invest in skills and high value solutions. IBM customers may benefit from the industry-specific or horizontal solutions, skills and expertise provided by these Business Partners.

Additions to Software ValueNet will be communicated through standard product announcements. For a current list of IBM software available under Software ValueNet, visit

[http://www-01.ibm.com/software/lotus/passportadvantage/IBM\\_SW\\_ValueNet.html](http://www-01.ibm.com/software/lotus/passportadvantage/IBM_SW_ValueNet.html)

Questions regarding IBM Software ValueNet may be sent to [AskSoftwareValueNet@us.ibm.com](mailto:AskSoftwareValueNet@us.ibm.com)

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For the most current information regarding IBM products, consult your IBM representative or reseller, or visit the IBM worldwide contacts page

<http://www.ibm.com/planetwide/us/>