



# IBM Rational Requirements Composer V3.0.1 helps teams achieve better project outcomes through improved requirements definition and management

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## At a glance

With this release, IBM® Rational® Requirements Composer:

- Delivers improved requirements management capabilities
- Reduces the overall cost of ownership and administration
- Runs on more hardware and software systems

IBM Rational Requirements Composer improves cross-product visibility and reporting, and deepens lifecycle integrations for requirements management, change and configuration management, and quality management. It uses innovative, world-class integrations for Application Lifecycle Management, enabling analysts, stakeholders, developers, and test professionals to employ a common, open collaboration platform.

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: AE001).

## Overview

IBM Rational Requirements Composer assists teams of all sizes and levels of complexity to better capture, define, analyze, report, and manage requirements, and to use these requirements across the project lifecycle. IBM Rational Requirements Composer V3.0.1 makes it much easier to automate deployment, traceability, and reporting across multiple Jazz™ products that span requirements, development, and test management. It also enhances role-based licensing that adds additional access to change management and development capabilities in IBM Rational Team Concert™ V3.0.1 and quality management capabilities in IBM Rational Quality Manager V3.0.1.

IBM Rational Requirements Composer is part of a larger vision described in "The IBM Rational Jazz Initiative," which is designed to advance the way teams collaborate to deliver software products and systems. For more information on the Jazz Initiative, visit

<http://jazz.net>

IBM Rational Requirements Composer V3.0.1 can help teams to:

- Bring agility, customer focus, and more effective management to their requirements process
- Use visual and textual scenarios to uncover customer needs
- Foster better collaboration among clients, stakeholders, and project teams
- Move beyond office documents, work items, or note cards to express and manage requirements
- Align requirements, development, change management, and quality management activities through Collaborative Lifecycle Management (CLM)

For organizations looking for a complete Collaborative Lifecycle Management solution, IBM delivers IBM Rational Requirements Composer, IBM Rational Team Concert, and IBM Rational Quality Manager in one easy-to-install and easy-to-use solution that can be optimized for agile or traditional teams.

By purchasing the three products that make up the IBM Rational CLM solution, organizations have what they need to make software delivery a strategic business asset: real-time planning, lifecycle traceability, in-context collaboration, development intelligence, and continuous improvement.

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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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- June 14, 2011: Electronic availability
- July 4, 2011: Media availability

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## Description

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In many organizations, teams struggle to develop good sets of requirements for projects to deliver, then struggle further to manage those requirements through the project lifecycle and through the inevitable requirements changes.

### Whole team - whole requirements lifecycle

Requirements have their own information lifecycle. They often start as informal notes from meetings, a document from your customer, or a set of regulations or policies from a third party. From this information a group of people, typically led by an analyst, develop an increasing understanding of and consensus about what a project or program needs to deliver to meet particular business objectives. To varying degrees, the team expresses ideas in text, pictures on white boards, discussions in conference calls, presentations, process diagrams, mind maps, and a host of other notations. These notations are used to clarify thinking, share understanding, and build consensus and commitment. Eventually actionable requirements are distilled from this information and used to guide the design, development, and test activities.

IBM Rational Requirements Composer exists to help teams accelerate this process and get better outcomes from it. Traditional requirements management tools tend to be used mainly by business, systems, or requirements analysts to develop formal requirements, decompose them into detailed requirements, capture them in requirement specifications, analyze these requirements, and manage changes to them. There is significant value in doing this, especially in complex projects, those mediated by contractual or compliance obligations, and those in which the cost of failure to meet requirements is very high (for example, where systems are safety-critical). But many software development projects could benefit from more tool support for the full requirements information lifecycle and lighter-weight, more iterative approaches that can provide better value with less overhead.

## Next-generation requirements solution

Requirements Composer is a next-generation requirements solution designed to help whole teams through the whole requirements lifecycle, especially teams following iterative and agile methodologies. It provides a wiki-like environment for expressing requirements and requirements context in many notations (textual and visual), and it helps teams through the transition of requirements from document-based information to database-oriented records that have individual attributes and states. Once requirements are in database record form a team can express various types of trace relationships among them, and manage both these relationships and changes to specific requirements themselves. Also, it is in this form that they are most useful to delivery teams (design, development, test, and so on) through traceability of their work back to the requirements. This traceability enables teams to answer important questions about the quality and completeness of requirements and the true earned value of the project to date, for example, the degree to which the team's deliverables have met the requirements. It is the requirements, after all, that are the backbone of the project, and their fulfillment is the purpose of the project in the first place.

Requirements Composer is the "next-generation RequisitePro®." Teams using IBM Rational RequisitePro may wish to investigate migrating to IBM Rational Requirements Composer to take advantage of new capabilities in support of requirements definition and management and the advantage of Application Lifecycle Management using Requirements Composer, IBM Rational Team Concert, and IBM Rational Quality Manager.

### Process + tool automation = value

It is important to note that a requirements tool becomes valuable when it automates and supports a set of requirements practices for an extended project team (extended to include customers and numerous stakeholders). Team members will use the tool and become advocates for it when it adds value for them personally (for example, when there is personal as well as organizational return on investment).

There is no one perfect requirements methodology for everyone. Teams face differing constraints and opportunities to optimize. For example, the requirements process for a small team updating an existing web application can be a lot simpler than the one for a project involving hundreds of people delivering a major new IT application. In general, teams do best when they define a process that provides "just enough" requirements management. This is a "lean" approach: only do the things that provide significant value or address significant constraints, and minimize the activities that do not add value.

Requirements Composer does not force a team into a particular project methodology or way of expressing requirements. It is for teams that aspire to improve the effectiveness of their requirement management processes and recognize that this will be a journey of many small (and some big) changes to the way they do things.

Requirements Composer can help teams to:

- Improve the quality and customer satisfaction of delivered solutions. Better requirements and traceability across requirements, development, and test activities can lead to projects that are more likely to meet customer needs and have fewer latent defects.
- Lower project costs and get to market faster. There is less rework when fewer requirements are discovered late in the cycle, change is managed more effectively, and teams do less rework.
- Reuse requirements artifacts across an enterprise or program. Improve quality and consistency and shorten project schedules by avoiding the need to rediscover requirements.
- Professionalize the outsourcing contractual relationship. Enable both customers and outsourcing partners to focus on defining, delivering, and managing against the business value of the projects under development - with the information needed to assess project status and completeness of deliverables.

Requirements Composer supports and/or automates many of the activities related to requirements management:

- Engagement of customers and stakeholders in the requirements process
- Requirements elicitation and validation
- Requirements specification development
- Requirements analysis, prioritization, and estimation
- Scope management
- Change management
- Contract management
- Reporting

### **New capabilities**

IBM Rational Requirements Composer V3.0.1 has many new capabilities, including the following:

#### New type system and templates

- Employ a strong artifact type system, including reusable artifact types, attribute types, data formats, and link types.
- Express relationships among requirements artifacts and other lifecycle artifacts with a customized set of relationship types, for example Satisfied by, Constrained by, Illustrates, Implemented by, and Verified by. Some link types are defined in the OSLC standards documented at <http://open-services.net>

Others may be tailored to your project and/or organization.

- Employ cross-project consistency, best practices, and reuse through project and artifact templates.

#### Improved requirements authoring

- Author requirements artifacts in your web browser.
- Create and edit multiple requirements at one time, in one view.
- Create artifacts of many types: user requirements, system requirements, meeting notes, business rules, process diagrams, use cases diagrams, user interface storyboards, supporting documentation, and so on.
- Create individual, managed requirements by decomposing monolithic documents, using new options to "Save as <artifact> and link" and "Save as <artifact> and insert."

#### Richer traceability and analysis views

- Analyze requirements information for completeness, change impact, and so on, creating customized, shared views that get the right information on the screen.
- Display information in tree and table views, show multilevel traceability relationships, apply filters to select only the relevant relationship types for your purpose at hand.

#### New audit trail/audit history

- The system automatically tracks changes to artifacts and who made the changes, and the system retains all versions of each artifact; this information is available on demand in your web browser.

#### Improved import/export

- Import Microsoft® Word (doc, docx), rich text (rtf), and OpenDocument Text (odt) documents into native Requirements Composer rich text format for further editing and refinement.

- Import spreadsheet information from Comma-Separated Value files (CSV) as specified in RFC4180.
- Export information as documents in Microsoft Word, PDF, HTML, and XSL-FO formats.
- Export information as Comma-Separated Value files (CSV).
- Use OSLC application programming interfaces to integrate other tools and repositories.

#### More reporting capabilities

- Generate documents using the included templates and IBM Rational Reporting for Document Generation (RRDG) to create documents in formats described above.
- Customize the supplied templates or create your own using the IBM Rational Publishing Engine (sold separately); these templates can be run from within the Requirements Composer web user interface (no additional license required).
- Use real-time, customizable project dashboards; include widgets from Team Concert, Quality Manager, or any server implementing the OpenSocial specification.
- Create reports including metrics, graphs, changes over time, and cross-domain traceability with IBM Rational Reporting for Developer Intelligence (RRDI), a data warehouse and web-based reporting engine built with IBM Cognos® technology (no additional license required).
- Use IBM Rational Requirements Composer information with Rational Insight (sold separately).

#### Lower deployment and administration costs

- The user interface is now completely web-based; a rich client is no longer needed or provided.
- The Collaborative Lifecycle Management products (Requirements Composer, Team Concert, and Quality Manager) are available as a single download and include the Jazz Team Server.
- Requirements Composer can run as one application on a Jazz Team Server, sharing the server with Team Concert and Quality Manager (on one or more physical servers).
- More license options are provided, along with shared capabilities across Requirements Composer, Team Concert, and Quality Manager.
- A license for the IBM WebSphere® Application Server is now included, and a license for DB2® continues to be included.
- Requirements Composer server licenses are no longer required; customers who purchased V1 or V2 will have their server entitlements automatically converted to three Authorized User licenses.
- Requirements Composer reviewer licenses (sold for V1 and V2) will be automatically converted to Requirements Composer contributor licenses, which provide access to additional product capabilities as described below.

#### Improved licensing options for ALM solutions

- Requirements Composer has two categories of user licenses: (A) analyst licenses for artifact authors and (B) lower-cost contributor licenses for customers and stakeholders. Contributors have read-only and commenting access to requirement artifacts and can participate in review and approval workflows.
- Requirements Composer analyst licenses provide contributor access to Team Concert and Quality Manager capabilities, and those team members with Team Concert developer or Quality Manager quality professional licenses have contributor access to requirement artifacts.
- When these products share a Jazz Team Server, they share a common user administration domain, and the Requirements Composer licenses provide access to capabilities delivered by the other products. For example, a user assigned a Requirements Composer analyst license has full access (if given necessary permissions by an administrator) to the change and configuration management work item system, the reporting capabilities (IBM Rational Reporting for Document Generation and IBM Rational Reporting for Developer Intelligence),

and the planning capability (agile and formal planning), as well as contributor (read and comment) access to quality management capabilities. Single sign-on is also supported.

The following license types are available:

- Authorized User single install (perpetual license)
- Floating User single install (perpetual license)
- Fixed Term Licenses (authorized and floating), offering a lower-cost option for short-term needs
- Tokens, offering maximum flexibility to use a set of products for a defined time period

For more information about specific licensing capabilities, visit

<http://jazz.net>

New product integrations

Using Open Services for Lifecycle Collaboration, IBM Rational Requirements Composer works with IBM Rational ClearQuest® in support of key requirements and change management scenarios, including the following:

- The IBM Rational Requirements Composer user creates an "implemented by" link to the ClearQuest record or the ClearQuest user creates an "implements" link to the IBM Rational Requirements Composer requirement.
- The ClearQuest enhancement record is satisfied by one or more requirements.
- A ClearQuest defect record is created on one or more requirements.
- The requirement change control process is managed by ClearQuest, with the review and approval process native in IBM Rational Requirements Composer or manually applied.
- ClearQuest provides task management and workflow.

Some product integrations have changed between Requirements Composer V2 and V3.

- Since Requirements Composer now includes management as well as requirements definition capabilities, the synchronization between Requirements Composer and RequisitePro was not continued in V3. For status on availability of a utility to migrate data and user definitions from RequisitePro to Requirements Composer, see the above website.
- Requirements Composer V2 included a one-way push migration to DOORS®. Since this does not use strategic OLSC interfaces, it has been discontinued. As an interim measure, spreadsheets and office documents can be used to transfer requirements between these tools.
- IBM Rational Software Architect (RSA) integration is now supported via the IBM Rational Software Architect Design Manager, which is a server-based repository. The supported use cases have changed.

For more information, visit

<http://jazz.net/projects/rational-requirements-composer/integrations/>  
<http://jazz.net/projects/design-management/>

In addition, IBM Rational Requirements Composer continues to offer these benefits and capabilities:

- Unify your teams around common, integrated glossaries. Remove ambiguity and help new team members become productive quickly by defining terms and acronyms, making definitions available in context.
- Group and manage related information with collections, tags, folders, and attributes.
- Use snapshots and collections to create baselines.

- Use built-in review and approval workflow for formal and informal reviews.
- Upload artifacts created by the tools you already use, for example presentations, mind maps, diagrams, and PDFs supplied by your customer or regulator. Apply attributes to these artifacts, comment on them, and relate them to other artifacts - in short, make them part of your requirements context.
- When using IBM Rational Team Concert and IBM Rational Quality Manager, automatically create development tasks and test cases from requirements - as well as the end-to-end traceability that enables effective Application Lifecycle Management.

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## Availability of national languages

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Product description	Language	General availability date
Rat1 Req Composer Analyst v3.0.1	Multilingual (French, Russian, Korean, Chinese - Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese - Traditional, Hungarian, English, Czech, Italian, Polish)	July 4, 2011

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## Program number

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Program number	VRM	Program name
5724-w87	3.0.1	IBM Rational Requirements Composer

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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>

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## Publications

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No publications are shipped with this product.

### 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.

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## Technical information

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### Specified operating environment

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#### **Hardware requirements**

- Disk space: 1 GB minimum
- Display: Minimum of 1024 x 768 resolution
- Memory: 2 GB minimum; 4 GB recommended
- Other hardware: 10/100 Mbps wired connectivity or 802.11b

When running two or more Jazz applications on a single Jazz Team Server, a 64-bit operating system and a minimum of 4 GB of memory are recommended.

#### **Software requirements**

##### Application servers

- IBM WebSphere Application Server OEM Edition for z/OS® 7.0 and future fix packs
- Apache Tomcat 5.5.30 and future mod levels and fix packs
- IBM WebSphere Application Server OEM Edition for z/OS 6.1 and future fix packs
- WebSphere Application Server 6.1.0.27 and future fix packs
- WebSphere Application Server 7.0.0.9 and future fix packs
- WebSphere Application Server for z/OS 6.1 and future fix packs
- WebSphere Application Server for z/OS 7.0 and future fix packs

##### Web browsers

- Mozilla Firefox 3.6
- Microsoft Internet Explorer 8.0
- Microsoft Internet Explorer 7.0

##### Databases

- DB2 for i5/OS® V5R4 and future fix packs
- DB2 for i 6.1 and future fix packs
- DB2 for i 7.1 and future fix packs
- DB2 9 for z/OS V9.1 and future fix packs
- Oracle Database 11g Enterprise Edition Release 2 and future fix packs
- DB2 Enterprise Server Edition 9.5 and future fix packs
- DB2 Express Edition 9.5 and future fix packs
- DB2 Workgroup Server Edition 9.5 and future fix packs
- IBM Derby SDK 10.5 and future fix packs
- Oracle Database 10g Enterprise Edition Release 2
- DB2 Express Edition 9.7 and future fix packs
- DB2 Workgroup Server Edition 9.7 and future fix packs
- DB2 Enterprise Server Edition 9.7 and future fix packs
- IBM DB2 10 for z/OS V10.1 and future fix packs
- Microsoft SQL Server Enterprise Edition 2005 SP3 and future fix packs

- Microsoft SQL Server Enterprise Edition 2008 R2 and future fix packs
- Microsoft SQL Server Enterprise Edition 2008 SP1 and future fix packs
- Microsoft SQL Server Express 2005 SP3 and future fix packs
- Microsoft SQL Server Express 2008 SP1 and future fix packs
- Microsoft SQL Server Standard Edition 2008 R2 and future fix packs
- Microsoft SQL Server Standard Edition 2005 SP3 and future fix packs
- Microsoft SQL Server Standard Edition 2008 SP1 and future fix packs

#### Eclipse runtime environment

- IBM Eclipse SDK 3.6 and future fix packs
- IBM Eclipse SDK 3.5.2 and future fix packs, mod levels and their fix packs

#### Web server- - Apache Server 2.2

#### Identity management

- Microsoft Active Directory 2003
- IBM Tivoli® Directory Server 6.0
- Domino® 8.0

#### Java™

- IBM Java SDK 5.0.11
- IBM Java SDK 6.0.4
- Sun Java SDK/JRE/JDK 5.0 Update 14
- IBM Java SDK 6.0.6
- Sun Java SDK/JRE/JDK 6.0 Update 17

#### Operating systems

##### AIX®

- AIX 6.1 TL4 POWER System
- AIX 5.3 TL7 POWER System

##### IBM i

- IBM i 7.1 POWER System
- IBM i 6.1 POWER System
- IBM i 5.4 POWER System

##### Linux®

- SUSE Linux Enterprise Desktop (SLED) 10.0 SP2 x86-64
- SUSE Linux Enterprise Desktop (SLED) 10.0 SP2 x86-32
- Red Hat Enterprise Linux (RHEL) 5.0 Update 4 Desktop editions x86-32
- Red Hat Enterprise Linux (RHEL) 5.0 Update 4 Advanced Platform x86-32
- Ubuntu 10.04 LTS x86-64
- Ubuntu 10.04 LTS x86-32
- SUSE Linux Enterprise Server (SLES) 10.0 SP2 x86-32
- Red Hat Enterprise Linux (RHEL) 5.0 Update 4 Advanced Platform System z®
- Red Hat Enterprise Linux (RHEL) 5.0 Update 4 Desktop editions x86-64
- SUSE Linux Enterprise Server (SLES) 10.0 SP2 System z
- Red Hat Enterprise Linux (RHEL) 5.0 Update 4 Advanced Platform POWER System

- SUSE Linux Enterprise Server (SLES) 10.0 SP2 x86-64
- Red Hat Enterprise Linux (RHEL) 5.0 Update 4 Advanced Platform x86-64
- SUSE Linux Enterprise Server (SLES) 10.0 SP2 POWER System

Solaris -- Solaris 10 SPARC

Microsoft Windows®

- Windows Vista SP1 Enterprise x86-64
- Windows Vista SP1 Business x86-32
- Windows Server 2003 SP2 Standard Edition x86-32
- Windows Server 2008 R2 Standard Edition x86-64
- Windows Vista SP1 Ultimate x86-64
- Windows XP SP2 Professional x86-64
- Windows Vista SP1 Business x86-64
- Windows Server 2008 Standard Edition x86-32
- Windows XP SP2 Professional x86-32
- Windows 7 Ultimate x86-32
- Windows 7 Enterprise x86-64
- Windows 7 Professional x86-64
- Windows 7 Ultimate x86-64
- Windows Vista SP1 Ultimate x86-32
- Windows Vista SP1 Enterprise x86-32
- Windows Server 2008 Enterprise Edition x86-32
- Windows Server 2008 R2 Enterprise Edition x86-64
- Windows 7 Professional x86-32
- Windows 7 Enterprise x86-32
- Windows Server 2003 SP2 Enterprise Edition x86-64
- Windows Server 2003 SP2 Enterprise Edition x86-32
- Windows Server 2008 Standard Edition x86-64
- Windows Server 2003 SP2 Standard Edition x86-64
- Windows Server 2008 Enterprise Edition x86-64

z/OS -- z/OS V1.9

Note: Editing IBM Rational Requirements Composer V3 visual artifacts (use case diagrams, UI sketches, and so on) requires a web browser plug-in that runs only on Windows systems. Browsers running on other operating systems can view, comment on, and edit the attributes of these visual artifacts -- but not edit them.

Note: Part of the IBM Rational Requirements Composer V3 server is a "Converter" web application that generates the visual artifacts for rendering in the web browser. This portion of the IBM Rational Requirements Composer server application runs only on Windows and Linux for Intel® systems.

For additional requirements details, visit

<http://www.ibm.com/support/entry/portal>

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

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Software Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and technical support are provided by the Software Subscription and Support (also referred to as Software Maintenance) offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and technical support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with each program license 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.

### Packaging

- IBM Rational Requirements Composer

### Security, auditability, and control

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The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

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## Ordering information

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

### Product information

Licensed function title	Product group	Product category
IBM Rational Requirements Composer Analyst	Process and Portfolio Management	Process and Portfolio Management
IBM Rational Requirements Composer Contributor	Process and Portfolio Management	Process and Portfolio Management
Program name	PID number	Charge unit description
IBM Rational Requirements Composer Analyst	5724-w87	Per Authorized User Single Install for System z
IBM Rational Requirements Composer Analyst	5724-w87	Per Floating User Single Install
IBM Rational Requirements Composer Analyst	5724-w87	Per Floating User Single Install for System z
IBM Rational Requirements Composer Analyst	5724-w87	Per Authorized User Single Install
IBM Rational Requirements Composer Contributor	5724-w87	Per Floating User Single Install for System z
IBM Rational Requirements Composer Contributor	5724-w87	Per Authorized User Single Install

IBM Rational Requirements Composer Contributor	5724-W87	Per Floating User Single Install
IBM Rational Requirements Composer Contributor	5724-W87	Per Authorized User Single Install for System z

## Charge metrics definitions

### Authorized User Single Install

Authorized User Single Install is a unit of measure by which the Program can be licensed. An Authorized User is a unique person who is given access to the Program. An Install is an installed copy of the Program on a physical or virtual disk made available to be executed on a computer. The Program may be installed on any number of computers or servers, but if the Authorized User has accessed or has access to more than one Install of the Program, the Authorized User requires a separate entitlement for each such Install. Licensee must obtain separate, dedicated entitlements for each Authorized User given access to the Program on each Install in any manner directly or indirectly (for example: via a multiplexing program, device, or application server) through any means. An entitlement for an Authorized User is unique to that Authorized User and may not be shared, nor may it be reassigned other than for the permanent transfer of the Authorized User entitlement to another person.

Note: Some programs may be licensed where devices are considered users. In that case the following applies: Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the Program or that is otherwise managed by the Program is considered a separate User of the Program and requires an entitlement as if that device were a person.

### Floating User Single Install

Floating User Single Install is a unit of measure by which the Program can be licensed. A Floating User is a person who is accessing the Program at any particular point in time. An Install is an installed copy of the Program on a physical or virtual disk made available to be executed on a computer. The Program may be installed on any number of computers or servers, but if the Floating User simultaneously accesses more than one Install of the Program, the Floating User requires a separate entitlement for each such Install. Licensee must obtain separate entitlements for each Floating User simultaneously accessing the Program on each Install in any manner directly or indirectly (for example: via a multiplexing program, device, or application server) through any means.

Note: Some programs may be licensed where devices are considered users. In that case the following applies: Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the Program or that is otherwise managed by the Program is considered a separate User of the Program and requires an entitlement as if that device were a person.

## Passport Advantage program licenses

### Rational Requirements Composer

Part description	Part number
IBM Rational Requirements Composer Analyst Rat1 Req Composer Analyst Auth User SI Annual SW S&S Rnw1	E060ILL
Rat1 Req Composer Analyst Auth User SI Init1 FT Lic+S&S 12 Mo	D0C3DLL
Rat1 Req Composer Analyst Auth User SI Lic + SW S&S 12 Mo	D06WBLL
Rat1 Req Composer Analyst Auth User SI SW S&S Reinstate 12 Mo	D06WCLL
Rat1 Req Composer Analyst Auth User SI SubSq FT Lic+S&S	E08CDLL

12 Mo	Ratl Req Composer Analyst Float User SI Annual SW S&S Rnw1	E08BVLL
	Ratl Req Composer Analyst Float User SI Initl FT Lic+S&S 12 Mo	D0C3FLL
	Ratl Req Composer Analyst Float User SI Lic + SW S&S 12 Mo	D0C29LL
	Ratl Req Composer Analyst Float User SI SW S&S Reinststate 12 Mo	D0C2ALL
	Ratl Req Composer Analyst Float User SI SubSq FT Lic+S&S 12 Mo	E08CFLL

### Rational Requirements Composer

Part description	Part number
IBM Rational Requirements Composer Contributor	
Ratl Req Composer Contributor Auth User SI Annual SW S&S Rnw1	E0665LL
Ratl Req Composer Contributor Auth User SI Initl FT Lic+S&S 12 Mo	D0C3QLL
Ratl Req Composer Contributor Auth User SI Lic + SW S&S 12 Mo	D079WLL
Ratl Req Composer Contributor Auth User SI SW S&S Reinststate 12 Mo	D079XLL
Ratl Req Composer Contributor Auth User SI SubSq FT Lic+S&S 12 Mo	E08CLLL
Ratl Req Composer Contributor Float User SI Annual SW S&S Rnw1	E08BWLL
Ratl Req Composer Contributor Float User SI Initl FT Lic+S&S 12 Mo	D0C3SLL
Ratl Req Composer Contributor Float User SI Lic + SW S&S 12 Mo	D0C2FLL
Ratl Req Composer Contributor Float User SI SW S&S Reinststate 12 Mo	D0C2GLL
Ratl Req Composer Contributor Float User SI SubSq FT Lic+S&S 12 Mo	E08CNLL

### Passport Advantage trade up licenses

#### Rational Requirements Composer

Precursor product	Trade up product	Trade up part number
IBM Rational Requirements Composer Contributor Competitive	RRC Contributor AUSI from Competitive AUSI Trdup Lic + SW S&S 12 Mo	D0K1LLL
Competitive	RRC Contributor FUSI from Competitive FUSI Trdup Lic + SW S&S 12 Mo	D0K1NLL
Ratl Req Composer Contributor AUSI	Ratl Req Compsr Contributor FUSI from AUSI Trdup Lic + SW S&S 12 Mo	D0C2HLL

#### Rational Requirements Composer

Precursor product	Trade up product	Trade up part number
IBM Rational Requirements Composer Analyst Competitive	Ratl Req Cmpsr Analyst AUSI fr Competitive Trdup Lic + SW S&S 12 Mo	D0C2NLL
Competitive	Ratl Req Cmpsr Analyst FUSI fr Competitiv Trdup Lic + SW S&S 12 Mo	D0C2DLL

RequisitePro Authorized User	Ratl Req Compsr Analyst AUSI fr ReqPro Auth User Trdup Lic + SW S&S 12 Mo	D0K1HLL
RequisitePro Floating User	Ratl Req Compsr Analyst FUSI fr ReqPro Float User Trdup Lic + SW S&S 12 Mo	D0K1JLL
RRC Analyst Authorized User Single Install	Ratl Req Compsr Analyst FUSI from AUSI Trdup Lic + SW S&S 12 Mo	D0C2BLL

### Passport Advantage supply

Program name/description	Part number
Ratl Req Composer Analyst V3.0.1 IBM Ratl Requirements Composer V3.0.1 Multiplatform Multilingual Media Pack	BT0EPML

### Passport Advantage customer: Media pack entitlement details

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

#### Ratl Req Composer Analyst V3.0.1

Entitled maintenance offerings description	Media packs description	Part number
IBM Rational Requirements Composer Analyst per Authorized User Single Install	IBM Ratl Requirements Composer V3.0.1 Multiplatform Multilingual Media Pack	BT0EPML
IBM Rational Requirements Composer Analyst per Authorized User Single Install for System z	IBM Ratl Requirements Composer V3.0.1 Multiplatform Multilingual Media Pack	BT0EPML
IBM Rational Requirements Composer Analyst per Floating User Single Install	IBM Ratl Requirements Composer V3.0.1 Multiplatform Multilingual Media Pack	BT0EPML
IBM Rational Requirements Composer Analyst per Floating User Single Install for System z	IBM Ratl Requirements Composer V3.0.1 Multiplatform Multilingual Media Pack	BT0EPML

### Cross-platform products

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#### Cross-platform products for use on System z

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#### Rational Requirements Composer

Part description	Part number
IBM Rational Requirements Composer Analyst Ratl Req Composer Analyst AUSI Sysz Initl FT Lic+S&S 12 Mo	D0C3ELL
Ratl Req Composer Analyst AUSI Sysz SubSq FT Lic+S&S 12 Mo	E08CELL
Ratl Req Composer Analyst Auth User SI Sys z Annual SW S&S Rnw1	E060JLL
Ratl Req Composer Analyst Auth User SI Sys z Lic + SW	D06WDL

S&S 12 Mo	
Rat1 Req Composer Analyst Auth User SI Sysz SW S&S	D06WELL
Reinstate 12 Mo	
Rat1 Req Composer Analyst FUSI Sysz Annual SW S&S Rnw1	E08BULL
Rat1 Req Composer Analyst FUSI Sysz Init1 FT Lic+S&S 12	D0C3MLL
Mo	
Rat1 Req Composer Analyst FUSI Sysz Lic + SW S&S 12 Mo	D0C27LL
Rat1 Req Composer Analyst FUSI Sysz SW S&S Reinstate 12	D0C28LL
Mo	
Rat1 Req Composer Analyst FUSI Sysz SubSq FT Lic+S&S 12	E08CJLL
Mo	

### Rational Requirements Composer

Part description	Part number
IBM Rational Requirements Composer Contributor	
Rat1 Req Composer Contributor Auth User SI Sysz Annual	E0666LL
SW S&S Rnw1	
Rat1 Req Composer Contributor Auth User SI Sysz Init1	D0C3RLL
FT Lic+S&S 12 Mo	
Rat1 Req Composer Contributor Auth User SI Sysz Lic +	D079YLL
SW S&S 12 Mo	
Rat1 Req Composer Contributor Auth User SI Sysz SW S&S	D079ZLL
Reinstate 12 Mo	
Rat1 Req Composer Contributor Auth User SI Sysz SubSq	E08CMLL
FT Lic+S&S 12 Mo	
Rat1 Req Composer Contributor Float User SI Sysz Annual	E08BXLL
SW S&S Rnw1	
Rat1 Req Composer Contributor Float User SI Sysz Init1	D0C3TLL
FT Lic+S&S 12 Mo	
Rat1 Req Composer Contributor Float User SI Sysz Lic +	D0C2JLL
SW S&S 12 Mo	
Rat1 Req Composer Contributor Float User SI Sysz SW S&S	D0C2KLL
Reinstate 12 Mo	
Rat1 Req Composer Contributor Float User SI Sysz SubSq	E08CPLL
FT Lic+S&S 12 Mo	

### Cross-platform product for use on System z IFL engines

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#### Rational Requirements Composer

Precursor product	Trade up product	Part number
IBM Rational Requirements Composer Contributor Competitive	RRC Contributor AUSI Sysz fr Competitive AUSI Sysz Trdup Lic + SW S&S 12 Mo	D0K1MLL
Competitive	RRC Contributor FUSI Sysz fr Competitive FUSI Sysz Trdup Lic + SW S&S 12 Mo	D0K1PLL
Rat1 Req Composer Contributor AUSI for System z	Rat1 Req Compsr Contributor FUSI from AUSI Sysz Trdup Lic + SW S&S 12 Mo	D0C2ILL

#### Rational Requirements Composer

Precursor product	Trade up product	Part number
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IBM Rational Requirements Composer Analyst Competitive	Ratl Req Compsr Analyst AUSI fr Competitive Sysz Trdup Lic + SW S&S 12 Mo	D0C2PLL
RequisitePro Authorized User for System z	Ratl Req Compsr Analyst AUSI fr ReqPr AuthUsr Sysz Trdup Lic + SW S&S 12 Mo	D0K1ILL
RRC Analyst Authorized User Single Install for System z Competitive	Ratl Req Compsr Analyst FUSI fr AUSI Sysz Trdup Lic + SW S&S 12 Mo	D0C2CLL
	Ratl Req Compsr Analyst FUSI fr Compt Sysz Trdup Lic + SW S&S 12 Mo	D0C2ELL
RequisitePro Floating User for System z	Ratl Req Compsr Analyst FUSI fr ReqPr FltUsr Sysz Trdup Lic + SW S&S 12 Mo	D0K1KLL

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