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## Highlights

- Build better software by enabling and accelerating agile and traditional practices
  - Streamline development processes with integrated source control, work-item and build capabilities
  - Enable near real-time, contextual collaboration for distributed project teams
  - Improve software quality by promoting consistent processes
  - Improve project visibility with dashboards and status reports and updates
  - Boost flexibility with an open-standards-based platform
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# IBM Rational Team Concert

*Be lean. Be agile. Work together*

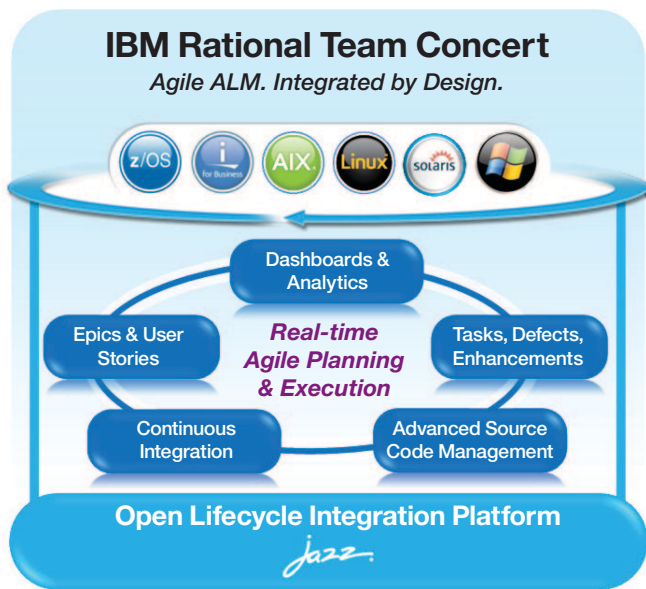
Software development organizations are facing increasing pressure to regularly deliver high-quality software aligned with continuously evolving business objectives. Teams are trying to adopt agile practices, but are having difficulty because of several factors. Teams are often expected to deliver more applications with the same or even fewer resources; many teams are geographically dispersed, which can make collaboration challenging; and many organizations find it difficult to apply consistent processes and standards to disconnected and separated projects and groups.

IBM® Rational Team Concert™ helps address these factors and is designed to provide the essentials of an agile Application Lifecycle Management (ALM) solution with integrated planning, task tracking, source control, build management and reporting. Rational Team Concert is designed to increase individual and team productivity and is an effective way to start your own team's agile transformation while also supporting traditional practices.

Rational Team Concert software can support the smallest of teams to the largest enterprise teams and geographically distributed teams, too. It runs on a wide range of servers and server operating systems, including Microsoft Windows, Linux, Intel and the operating systems for IBM Power Systems™ servers and IBM System z® servers.



With support for the Eclipse client, the client for Visual Studio and the ISPF client, all types of developers can share a single repository for building and delivering software. A browser interface designed for ease of use enables team leads, project managers and business stakeholders to access project dashboards, browse work in progress, create tasks and plans, and track work-item progress. The flexibility and choice of user interface enables the different roles on the team to work together effectively.



Rational Team Concert software is available at no charge for up to 10 developers. Try it out on a pilot project for as long as you need. These licenses do not expire.

### Enhances team collaboration

Using customizable portal views, team members can access information about multiple projects such as news and events, current build status, work in progress and changes that have been requested. They can also see what their teammates are working on, view the online status of colleagues and access the availability of teammates for collaboration.

With Rational Team Concert software, it is possible to exchange and save conversations directly in the context of the work you are doing. And the software can automatically update stakeholders about any changes to the work items and associated files and documents.

### Supports visible work-item tracking

Rational Team Concert software automatically creates and tracks the progress of individual work items according to the team process and project rules. This feature enables identified defects, enhancements and conversations to flow efficiently to multiple teams and projects, which can accelerate project progress. As work advances, the Rational Team Concert software records information (such as who, what, when and why) that is associated with each work item, and team members can apply the much-needed context for shared work items. Support for approvals and discussions helps to improve scheduling of code reviews and approvals and helps the team members remain in sync. Work-item access control can be defined to cross projects, teams and organizations to enable collaboration with consultants, suppliers and support contract teams.

Rational Team Concert integrates and adds planning and reporting capabilities to existing change management systems, such as IBM Rational® ClearQuest®, IBM Rational Change and Atlassian Jira.

## Supports your agile and traditional processes

Agile software development techniques have taken the industry by storm. Most surveyed organizations are reporting that their development teams have adopted agile techniques. Agile teams typically enjoy high success rates, produce high-quality software and systems, have greater levels of stakeholder satisfaction, enjoy reduced development costs and have higher productivity rates.

Rational Team Concert software includes advanced planning capabilities for Scrum, Open Unified Process (OpenUP) and traditional teams, which are designed to make it easier for you to support or extend your agile, iterative or traditional processes for different teams and projects. Built-in capabilities help you track progress and hold retrospectives, plan releases and sprints, manage backlogs and product vision, reuse customized process templates and support continuous delivery. Kanban taskboards, burndown charts and Gantt charts enable project resources to be used effectively and help you deliver higher quality software.

## Provides rich software configuration management capabilities

Rational Team Concert software provides advanced software version control, workspace management, distributed source control and parallel development support to individuals and teams. These capabilities can help improve productivity by automatically tracking changes to artifacts and enabling virtually unlimited suspend and resume to handle work interruptions. Teams can strike the right balance between experimentation and visibility by combining private and public workspaces.

Integrated stream management and server-based sandboxes help individuals solve problems in a controlled environment and contribute to the team's regular builds. Distributed source code management capabilities help improve collaboration with other lines of business and outside suppliers who need to share component code changes across repositories.

Rational Team Concert software supports customers who want to use their existing software configuration management systems such as IBM Rational ClearCase®, IBM Rational Synergy, Apache Subversion or Git.

*IBM Rational has the highest current offering and strategy score amongst all vendors evaluated according to The Forrester Wave: Application Life-Cycle Management Q4 2012.<sup>1</sup>*

## Provides automated process guidance

Rational Team Concert software includes process automation and guidance features that can help you enforce optimal processes to ensure predictable results. And because not all projects or organizations are the same, the software enables you to configure process rules to meet specific team, project or organizational needs. You can start with any of the process models that are available for immediate use with the software and then define and refine the rules during the life of the project.

With Rational Team Concert software, your teams can adopt the core principles of high-performance agile teams: shorter iteration cycles, adequate customer involvement, and frequent and automated builds. Fully-customizable process guidance automates the implementation of almost any software delivery process and supports agile, iterative or traditional teams.

### **Enables more efficient software builds**

Rational Team Concert software offers comprehensive build management features that can help your team schedule and execute software builds efficiently. Built-in work-item and change-set traceability significantly reduce the complexity of identifying precisely where the build breaks. Comprehensive build reporting automatically provides a detailed record of the team's build activities. Support for continuous integration enables agile and other teams to benefit from the productivity gains associated with continuous build processes.

### **Improves visibility with instant insight into project progress**

Automated data collection and reporting features provide immediate insights to effectively govern your software projects, while reducing time-consuming status and reporting tasks. This makes it easier for you to stay on top of project progress, troubleshoot project problems and take corrective action early in the project lifecycle.

### **Flexible and affordable licensing options**

IBM Rational Team Concert offers a set of defined roles to enable key solutions for your organization. You can acquire licenses to support the roles and solutions that interest you. The software provides flexibility and cost efficiency because you choose and use only what you need.

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*“IBM Rational Team Concert is the backbone of Danske Bank’s agile development process and is adjusted to the special needs of the bank.”*

—Peter Rasmussen, Senior Vice President, IT Development Processes and Tools,  
Danske Bank Group

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### **Extending agile ALM**

Rational Team Concert is also the core of the IBM solution for Collaborative Lifecycle Management. When you need to extend the requirements and test management capabilities of agile ALM, the IBM solution for Collaborative Lifecycle Management is designed to offer a seamless path for adding more comprehensive ALM capabilities. The IBM solution for Collaborative Lifecycle Management helps meet the five ALM imperatives that IBM professionals, through their work with hundreds of customers on thousands of projects, have determined to be key to the consistent delivery of high-quality applications on time and on budget. These imperatives are real-time planning, lifecycle traceability, in-context collaboration, development intelligence and continuous process improvement. Rational Team Concert software, along with IBM Rational Requirements Composer software and IBM Rational Quality Manager software, provide the broad ALM capabilities of the IBM solution for Collaborative Lifecycle Management.

IBM Rational Lifecycle Integration Adapters further extend the IBM solution for Collaborative Lifecycle Management by integrating with select third-party tools. These adapters are designed to enable customers to gain greater value when practicing ALM and using lifecycle tools in a heterogeneous environment. Adapters for HP ALM, Atlassian JIRA and open source Git are included.

## In the cloud

The IBM SmartCloud® Application Collaborative Lifecycle Management Service is a software-as-a-service (SaaS) offering. Within minutes, application development teams are up and running in their own standardized, configured and integrated agile development environment that consists of Rational Team Concert, Rational Requirements Composer and Rational Quality Manager. Customers can incrementally adopt the service by adding users to projects, at their own rate, based on typical project roles, such as developer, analyst, tester and contributor.

Select IBM Business Partners also offer Rational products as SaaS on a monthly rental basis.

## Why IBM?

Rational provides an industry-leading platform for software and systems development. IBM solutions for ALM are combinations of products, services and methods based on the open, modular and tested IBM Rational Software Delivery Platform. With substantial experience in software delivery, IBM professionals and solutions can help you optimize software and systems delivery processes, project budgets and quality while strengthening overall project collaboration.

## For more information

To learn more about IBM Rational Team Concert software, contact your IBM marketing representative or IBM Business Partner, or visit: [ibm.com/rational/rtc](http://ibm.com/rational/rtc)

Download your own copy of IBM Rational Team Concert and get 10 licenses at no charge and with no expiration. Visit: <https://jazz.net/products/rational-team-concert/>

Evaluate Rational Team Concert at no charge with a sandbox account in the cloud. Create work items, deliver source code, customize dashboards, edit plans and more. Get up and running in minutes. Visit: [jazz.net/sandbox](http://jazz.net/sandbox)

To learn more about the IBM SmartCloud Application Collaborative Lifecycle Management Service, click the Lifecycle tab at [ibm.com/cloud-computing/paas.html](http://ibm.com/cloud-computing/paas.html)

For dependency analysis that includes data, advanced build and deployment to multiple platforms for IBM i software from your Rational Team Concert environment, the ARCAD-Rational Power Pack can help. For more information visit: <https://jazz.net/extend/integrations/>

You can enhance Rational Team Concert functionality with solutions from IBM Business Partners that provide specialized capabilities and value-added functions for Rational software. Learn about available solutions at: [jazz.net/community/ensemble/](http://jazz.net/community/ensemble/)



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