

Software Process Development and Customization with Rational Method Composer (RMC)



Do you need software process improvement but fear the cost and effort?

Have you been unsuccessful at process improvement in the past?

Do you have a plan for updating and deploying updated software processes?

Do your project team members know what to do, and when to do it?

Process Improvement has Improved!

Experience shows that process improvement efforts can be both long and costly, and often do not achieve the desired results. But it doesn't have to be that way any more. Rational Method Composer gives you proven software development practices at your fingertips, including thousands of templates, role descriptions, activities, tasks, and work product descriptions all with usage hints and guidelines. You can select and arrange these process elements with a minimum of effort, and then easily publishing the resulting process to your team via the web with the push of a button. This is the power of **Rational Method Composer**.

Rational Method Composer Helps You Deploy the Right Process

IBM Rational Method Composer is the most sophisticated and complete process authoring and customization tool in existence. RMC is easy to use, and requires no programming skills to completely define, customize, and deploy your software development process. This next generation tool cuts 30% or more from both the time and cost of a typical process rollout in three ways. First, RMC provides an extensive process asset library which covers software development practices in detail. Second, RMC allows you to quickly bring the desired practices together to form a complete, integrated process. Third, RMC publishes the resulting process to a web site, and maintains and guarantees that the links and relationships are completely defined.

Process Development/Improvement Objectives

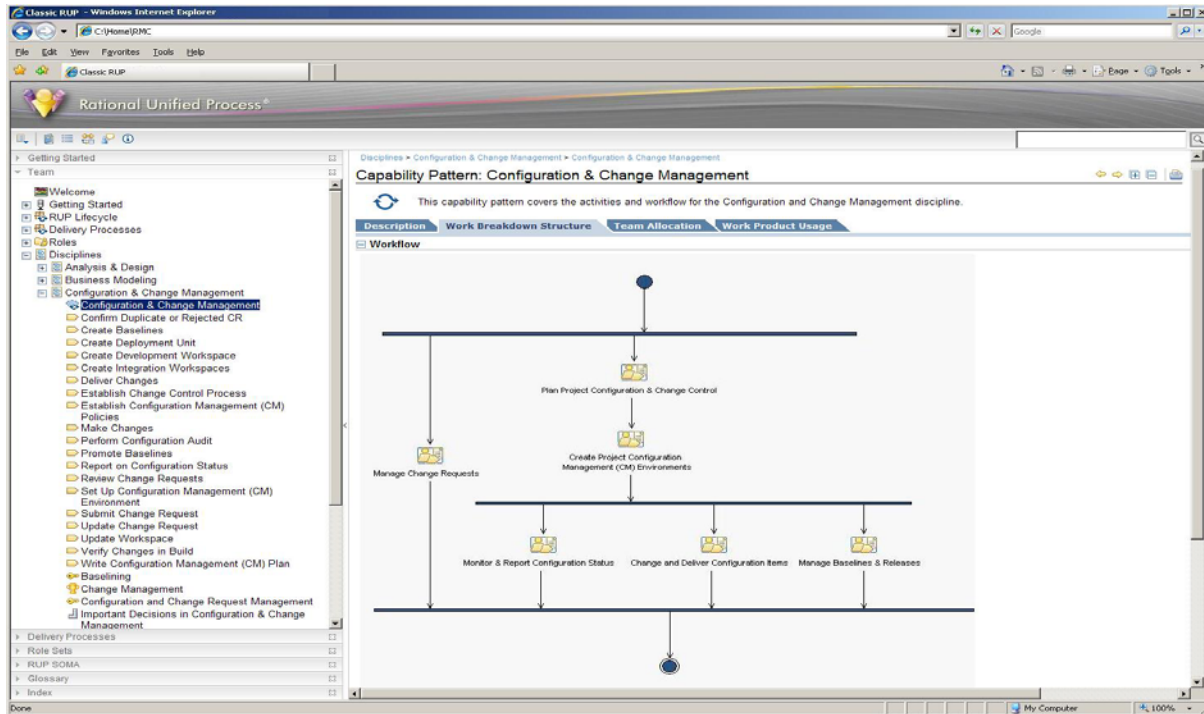
- Reduce the cost of software development
- Increase quality of software and related work products
- Reduce time-to-market
- Improve tool automation ROI
- Improve communication and collaboration across geographically dispersed teams and vendors
- Improve team morale through clearly defined expectations and better communication
- Support new frameworks and architectures (e.g., SOA and software as a service)
- Effectively incorporate industry best practices
- Set a foundation for continuous process improvement

Typical Process Rollout Activities

- Process assessment & planning
- Process definition & design using Rational Method Composer
- Review automation & tool support
- Select and configure existing content and processes
- Pilot project with new/updated process
- Customized process & skills training
- Process refinement
- Design the organizational change
- Refine the process artifacts
- Create task-specific best practices
- Effect the organizational change by executing the adoption plan

IconATG's Three Step Process Improvement Program

- 1. Process prototype and assessment** – Rapid development of a prototype process framework, outlining key needs and priorities along with identification of problem areas and recommendations.
- 2. Process customization and pilot** – Creating, customizing, and documenting a complete software development process using industry best practices included in RMC's process asset libraries. RMC is then used to publish an HTML version of your process accessible anytime, anywhere by all members of your team via a web browser .
- 3. Process rollout** – Includes training and mentoring for team members in the new process, as well as corresponding training and mentoring plans for building required skills (such as business modeling, use case modeling, user stories, sequence diagramming, component modeling, user centered design, etc.).



RMC Activity Diagram – Browser-based activity diagrams may be viewed anywhere you have internet access. Tasks, roles, and work products are displayed in a format that is easy to read and navigate. Hyperlinked diagrams allow team members to find more information by clicking on the appropriate process icon.

Rational Method Composer Features

Rational Method Composer (RMC) is a tool platform for process engineers, project leads, and project and program managers who are responsible for maintaining and implementing processes for development organizations or individual projects.

- Author, manage, configure, and deploy tailored processes
- Select and customize native and third-party plug-ins for specialized needs
- Over 100 selectable and customizable best practices
- Easy integration with existing practices and standards
- Browser-based diagrams accessible over the internet without installing any special software



700 Goddard Ave.
Chesterfield, MO 63005
Phone: 866-426-6871
www.iconatg.com

About IconATG:

The IconATG mission is to improve your software development practices via training and consulting with key technologies and suggested practices that truly transform the abilities of your organization. IconATG services and people are your catalyst for organizational change and innovation.