Build Your Team's Capability

The Rational Unified Process® for System Engineering Deployment Service

Build Your Team's Capability

Systems are assemblages of software, hardware, and workers roles that collectively meet a business purpose and systems development consists of designing, implementing, and delivering systems. Many software developers do some form of systems development. The RUP® Systems Engineering Deployment Service provides you with guidance and tool support to achieve the benefits of the Rational Unified Process for systems development. In addition to pure systems development projects, this deployment service is applicable to projects that have

• Concurrent hardware and software development

• Sufficiently large software development effort to require more than one development team

• Architecturally significant deployment issues

The packaged service is a combination of classroom training, tool environment customization, on-site workshops, and support. The RUP systems engineering deployment service consists of a set of materials that facilitate the delivery of the service along with tool support.

This deployment service brings the benefits of RUP and Rational's best practices to systems development:

• System Team Support – Provides for ongoing collaboration of business analysts, architects, system engineers, software developers, hardware developers, and testers.

• System Quality – Provides the views to support addressing system quality issues in an architecture driven process

• System Visual Modeling – Provides UML support for systems architecture

• Scalability –Scales from small to large systems

• Component Development – Provides the workflows for determining the hardware and software components

• System Iterative Design and Development – Supports concurrent design, iterative development of hardware and software components

Service Offering

A RUP systems engineering engagement may be comprised of one or more of the following services.

• Rational University courses to provide the learning foundation – Requirements Management with Use Cases, Object-Orientated Analysis and Design, and Principals of Managing Iterative Development.

• Onsite delivery of RUP-based Systems Engineering Seminar – full day seminar

• A workshop with team mentoring sessions, which results in the development of customer project artifacts.

• Installation and maintenance of the Rational Rose® and Rational® RequisitePro® add-ins to help automate the process

• Mentoring in a RUP systems engineering development case to your development situation

• Mentoring in the creation of the Project Development Plan

• Additional mentoring and support

Rational Software offers a full range of services to help you accelerate implementation by building team capability. More information about technical support, education and training, packaged services, and consulting and mentoring can be found at **www.rational.com**.

Rational Deployment Services Help You:

Enhance efficiency and predictability of deploying a new tool

Improve communication and teamwork

Accelerate self-sufficiency

Leverage Rational's industry-leading software development experience

Recommended For

Project teams or organizations that have successfully adopted the Rational Unified Process and are looking to extend RUP to systems engineering. This service is recommended for organizations with large projects that span several software development teams.

Rational®
the software development company