



SEEBEYOND®

SeeBeyond Methodology

Repeatable Quality Integration Process (RQ)

Webinar Agenda

- Repeatable Quality Integration Process
– What is it?
- RQ Walkthrough
- RQ Demonstration
- Wrap Up & Questions



Challenges of eAI – the Need for Discipline

- Complexity of eAI
 - Large Numbers of Functional and Business Areas
 - A chaotic Mix of Technologies (Hardware, Operating Systems, Communication Protocols and Network Systems)
 - Varying Types Of Applications, Including Packaged, Legacy And Custom
 - Organizational Changes Including Mergers and Acquisitions
- Business Driven Issue
 - More about Understanding the Business Processes and Business Objectives than Installing and Configuring Technology
- Architecture
 - Technical Architecture for an eAI Solution is Often Difficult and Time Consuming



The Value of Methodology

- There are over one hundred software development projects started every hour in the US
 - A staggering 31% of these projects will be canceled before they ever get completed
 - Another 52.7% of projects will cost 189% of their original estimates
 - **Less than 17% of them will meet their original cost and time estimates, causing an estimated \$140 billion loss in cancelled or over run projects.***
- Studies show that projects that follow a formal implementation process are able to increase their probability of meeting their projected schedules and cost estimates from the industry average of 16.7% to more than 90%.

"The Chaos Report", The Standish Group



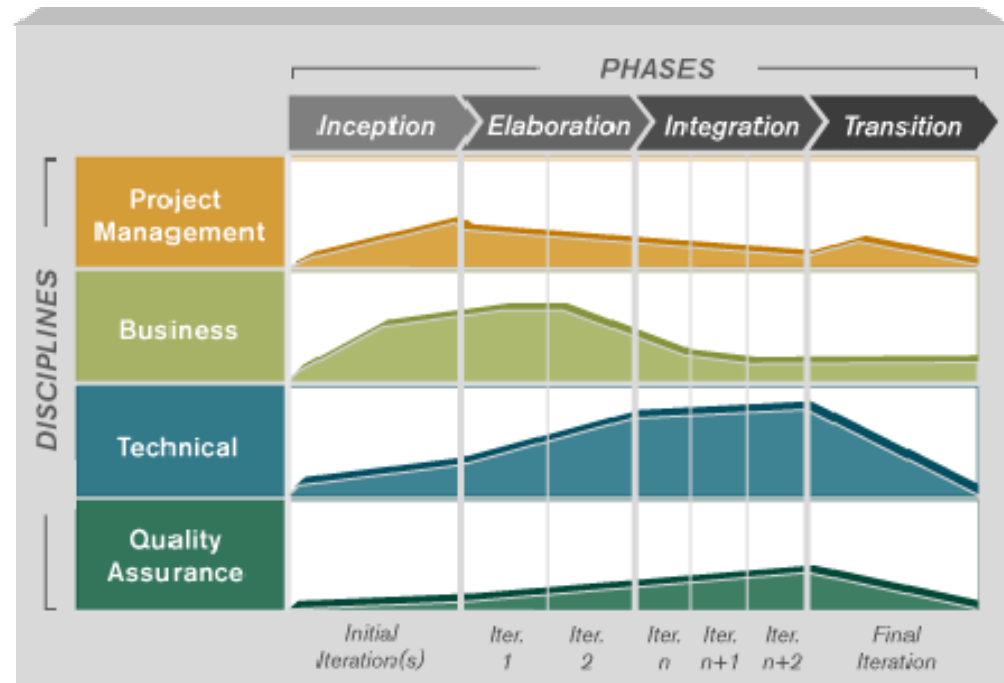
Repeatable Quality Integration Process (SeeBeyond RQ Methodology)

Seebeyond RQ Is An Iterative EAI-focused Methodology
Designed To **Deliver Rapid And Repeatable Enterprise
Integration Success**

RQ

Repeatable - Ensuring
repeatability of success

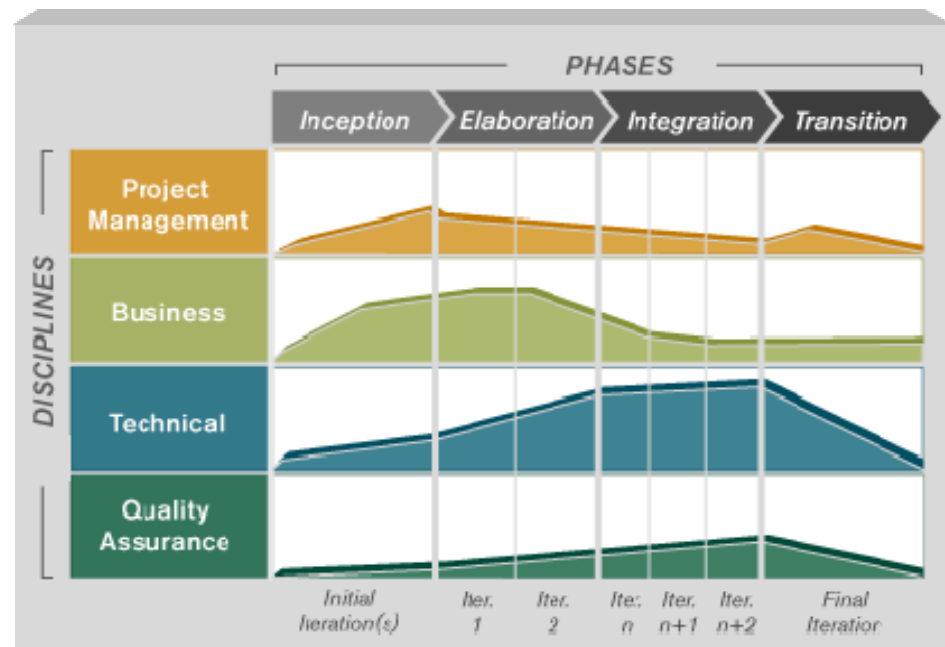
Quality - Maximizing the
quality and timeliness of
integration



Based on Industry Best Practices

RQ Combines Best Practices from:

- RUP (Rational Unified Process) & UML (Unified Modeling Language)
- XP (eXtreme Programming)
- Facilitated Workshops/JAD
- Iterative Prototyping
- Early and Continuous Validation and Testing
- Over 12 years of integration experience and over 1,700 customer deployments



SeeBeyond RQ Value Proposition

RQ Provides Content that can be Readily Leveraged in EAI Projects for Rapid Implementation at Reduced Costs, Reduced Time, and With Focused Resources

- eAI Focused
- Predictable
- Repeatable
- Facilitates Knowledge Transfer
- Leverage SeeBeyond's eAI Experience



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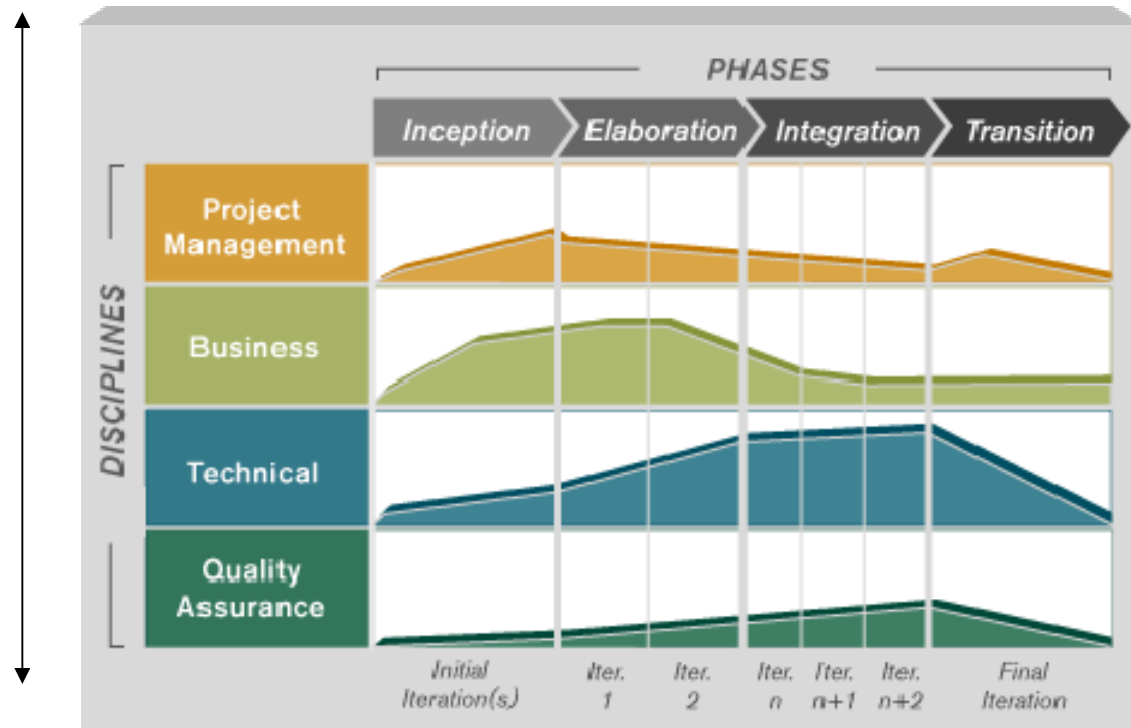
SeeBeyond RQ Overview

- **Web-enabled** for ease of distribution, maintenance and use
- **An incremental approach** to integration, facilitating early realization of business value and higher quality
- **Adaptive** to be easily tailored or incorporated into existing processes
- **Business Process Driven** to ensure key processes and requirements are comprehended fully and addressed in all stages
- **Full User Participation** through the use of techniques such as structured workshops
- **Integrated Testing** allows for continuous alignment with business line objectives



RQ Structure

Organization
along Discipline &
Content



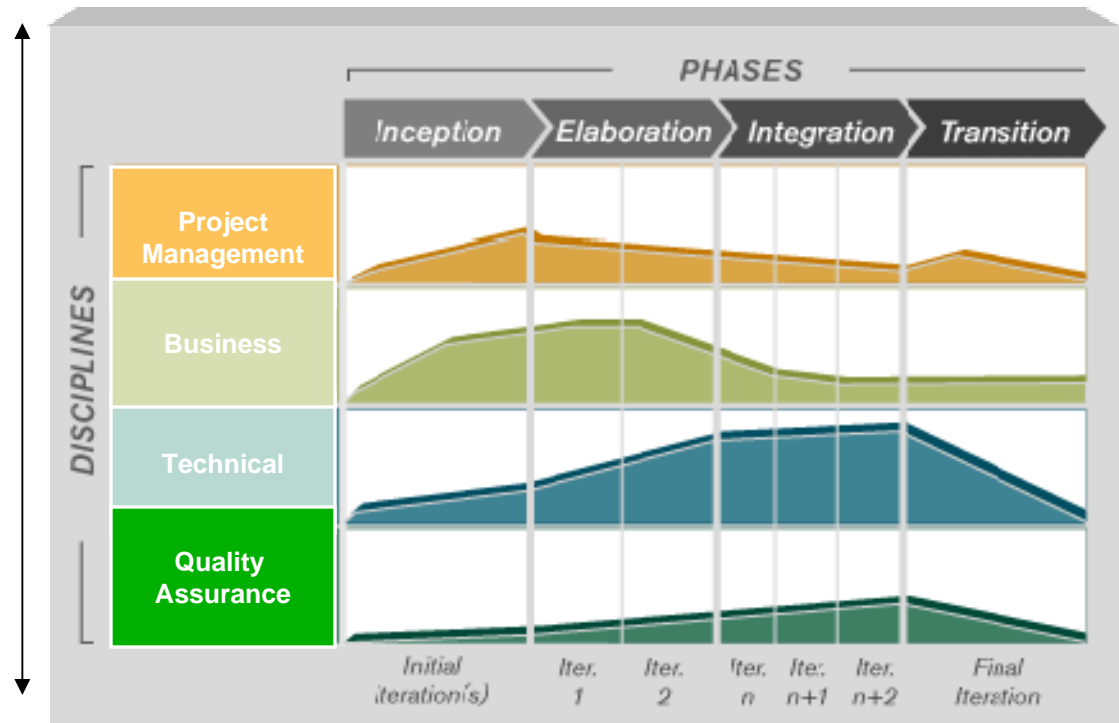
Organization along Time



RQ Structure - Disciplines

Disciplines

- Represents different perspectives of the work to be done throughout the project.
- The activities involved may be carried out by a combination of SeeBeyond, the client, and staff from other consulting companies.



SeeBeyond RQ Disciplines

Business

Activities related to analyzing, designing & deploying business processes
> Owned by business SMEs or business analysts

Technical

Activities related to designing the technical architecture and implementing the solution
> Owned by technical analysts/consultants or architects

Project Mgt

Activities related to project planning and project control - (progress, issues, risk, change, and communications)
> Owned by the project manager or the SeeBeyond EM

QA

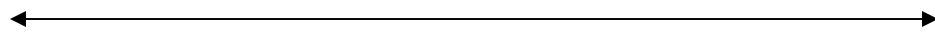
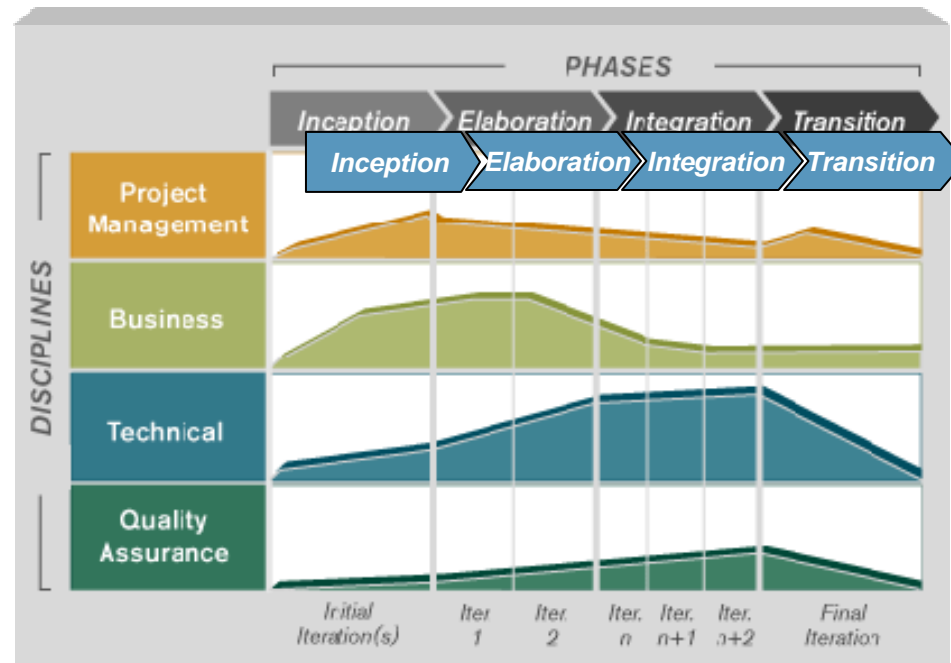
Activities related to ensuring that the solution meets requirements and is fit for the intended purpose
> Everyone on the project has a degree of ownership of QA activities



RQ Structure - Phases

Phases

- Guide the focus of the integration team and allow the executive team to monitor progress.
- Define the achievement of specific milestones defined by predetermined goals and exit criteria
- Include 1:N Iterations
- Each iteration is a waterfall 'mini-project'

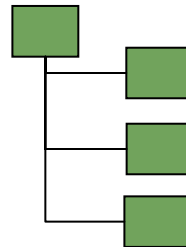


Organization Over Time

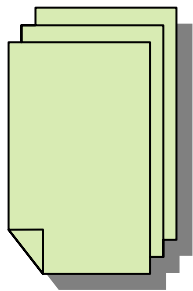


RQ Components

Activities & Tasks



Deliverables



Roles & Responsibilities

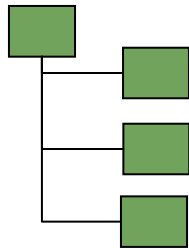


Best Practices



RQ Activities and Tasks

Project Management



1.1 Initiation

- 1.1.1 Identify Executive Sponsor
- 1.1.2 Collect Customer Information
- 1.1.3 Establish Integration Center of Excellence
- 1.1.4 Prepare For Project Charter Workshop
- 1.1.5 Conduct Project Charter Workshop
- 1.1.6 Refine Project Charter

1.2 Planning

- 1.2.1 Create/Update Phase Plan
- 1.2.2 Create Iteration Plan
- 1.2.3 Create Deployment Plan

1.3 Ongoing Project Management

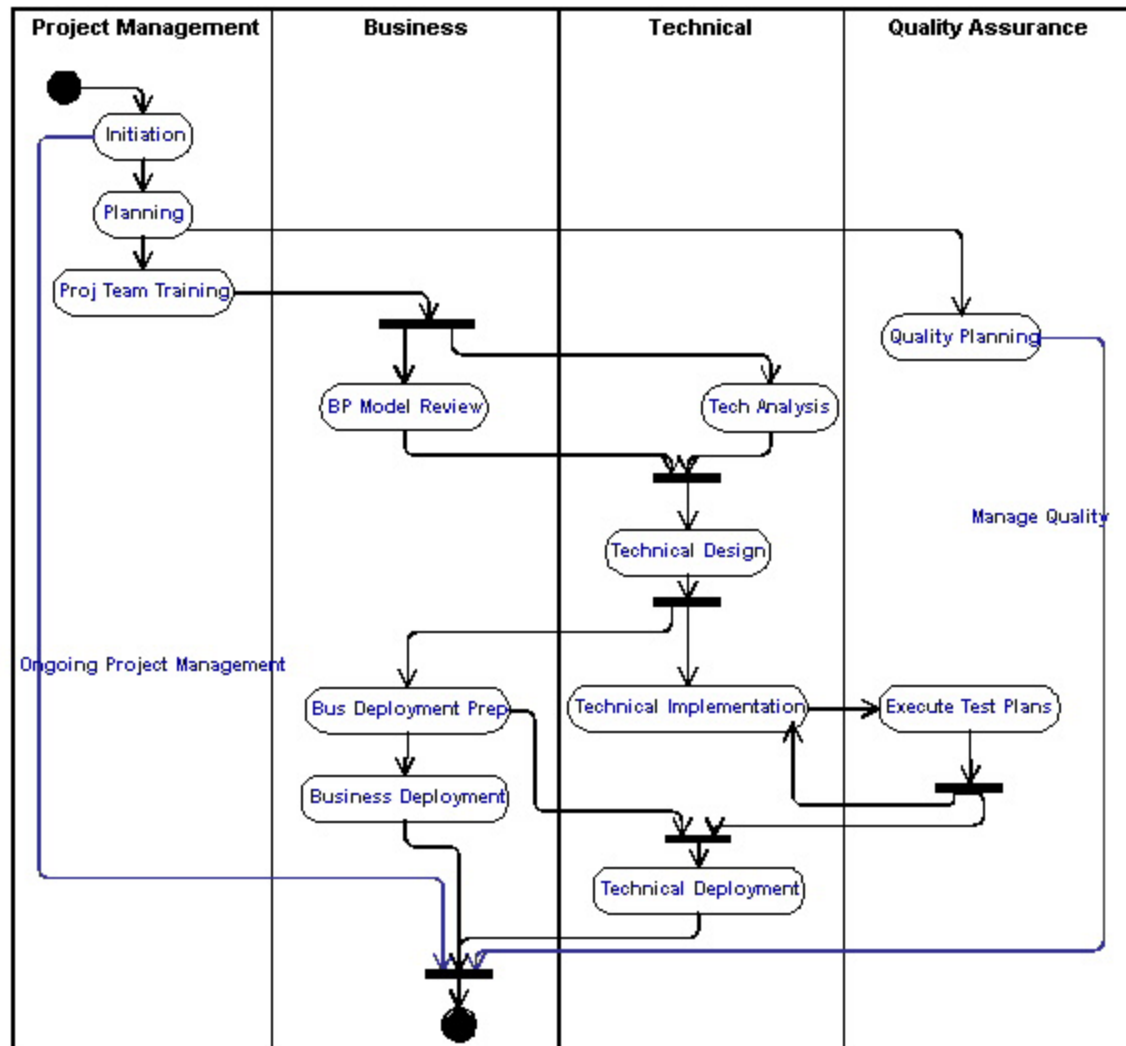
- 1.3.1 Maintain Project Calendar
- 1.3.2 Manage Issues
- 1.3.3 Assess and Manage Risk
- 1.3.4 Configuration and Change Management
- 1.3.5 Manage Communications
- 1.3.6 Track Progress

1.4 Integration Team Training

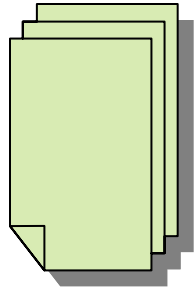
- 1.4.1 Establish Team Training Environment
- 1.4.2 Develop a Knowledge Transfer Plan
- 1.4.3 Conduct Team Training

RQ Structure – Activity Diagram

The activity diagram illustrates the general flow of activities within a single iteration.



Deliverable Template - Examples



Project Management

- Project Charter
- Risk Management
- Project Estimating

Business

- Business Model
- Trading Partner Questionnaire

Technical

- Technical Infrastructure Architecture
- Component Architecture
- Deployment Architecture

Quality Assurance

- Quality/Test Plans
- Go Live Assessment



RQ Best Practice - Examples



Project Management

- Structured Workshops
- Risk Management
- Change Control

Business

- Business Modeling
- SLA Guidelines

Technical

- Naming Conventions
- H/W Sizing

Quality Assurance

- Deliverable Reviews
- Change and Configuration Management



SeeBeyond RQ Roles and Responsibilities



Roles & Responsibilities

RQ provides detailed guidance on the roles required to implement an eAI solution, including:

- Responsibilities for each Role
- Skills required
- Training recommendations
- % time requirement



RQ Demonstration

Web Knowledge Base

The screenshot shows a web browser window titled "Home - Microsoft Internet Explorer" displaying the SeeBeyond RQ v1.0 website. The page features a navigation menu with links for Home, Activities, Deliverables, Best Practices, Roles, and Glossary. A large banner reads "INTEGRATING". Below this, a sidebar contains links for Problem Definition, Overview, and Guiding Principles. The main content area is titled "HOME" and includes a section for "RQ" (Repeatable Quality) with definitions: "Repeatable - Ensuring repeatability of success" and "Quality - Maximizing the quality and timeliness of integration". A central diagram titled "PHASES" shows four disciplines (Project Management, Business, Technical, Quality Assurance) across four phases (Inception, Elaboration, Integration, Transition). The diagram uses colored areas to represent the relative importance of each discipline in each phase. Below the diagram is a link: "Click on Phases and Disciplines for details." The bottom section, "SeeBeyond Repeatable Quality Integration Process (RQ):", lists two bullet points describing the process as an iterative eAI implementation and an adaptable, integration-focused approach.

SEE BEYOND
connecting

RQ v1.0 (SeeBeyond Repeatable Quality Integration Process)

Home Activities Deliverables Best Practices Roles Glossary

INTEGRATING

PROBLEM DEFINITION HOME

OVERVIEW

GUIDING PRINCIPLES

RQ

Repeatable - Ensuring repeatability of success

Quality - Maximizing the quality and timeliness of integration

PHASES

Inception Elaboration Integration Transition

DISCIPLINES

Project Management

Business

Technical

Quality Assurance

Actual Iteration(s) Iter. 1 Iter. 2 Iter. n Iter. n+1 Iter. n+2 Final Iteration

Click on Phases and Disciplines for details.

SeeBeyond Repeatable Quality Integration Process (RQ):

- An iterative eAI implementation process that combines the best of leading software development techniques to deliver integration success,
- An adaptable, integration-focused approach that combines techniques and concepts from RUP (Rational Unified Process) and XP (Extreme Programming) and best practices from over 12 years of integration experience with over 1700 customers.

RQ Summary

RQ Feature	RQ Benefit
Web Based	Easy to deploy and navigate, quick access to content
eAI Focused	Built for integration projects, RQ understands eAI
RUP / XP Based	Process based, leverages industry proven best practices
Templates	Reduce implementation time, learning time, leverage examples
Best Practices	Increase learning, leverage experience



SeeBeyond RQ Availability

- RQ is available through SeeBeyond Consulting
 - All SeeBeyond Consulting Implementations are now based on RQ
 - SeeBeyond Customers can purchase and incorporate RQ into their own implementation process
 - Includes Web Knowledge-base, Templates, Guidelines, Best Practices, Examples
 - Methodology Training and Assistance also Available

- Questions?





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Thank You