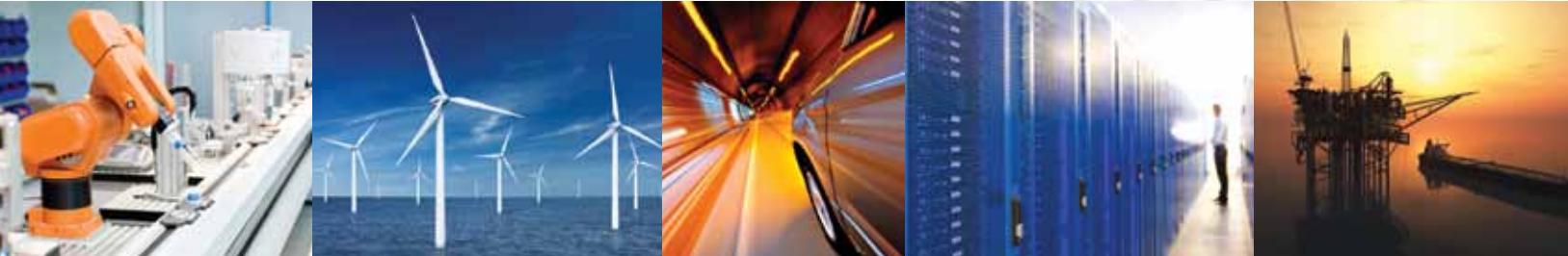# RTI Use Case Discovery

Make Efficient Infrastructure Decisions Based On Your Use Cases

Our RTI Professional Services team is made up of the best and the brightest in the area of critical systems development. Building on our Connext solution, we have deployed some of the toughest distributed systems in the world. RTI will train your team, match your system requirements to a data distribution design, and provide project development support in order to mitigate your project risk, increase productivity and ensure quality in your final deliverable — often on a shortened schedule.

RTI provides critical solutions for large-scale process automation, financial services systems, advanced aerospace & defense combat systems, closed-loop robotics, highly-distributed traffic management programs and asset management systems. The RTI team leverages real-world experience building sophisticated distributed systems as well as our advanced internal research projects on systems technologies and architecture.

Features:

- Provide on-site introductory training on RTI Connext technology

- Conduct comprehensive technical "deep-dive" discovery session

- Capture and document known and emergent use-cases and business drivers

- Identify infrastructure requirements and gaps rapidly

- Deliver a tailored technology roadmap to accelerate your business results

Benefits:

- Accelerate your business results

- Understand state-of-the-industry concerning infrastructure and middleware technology

- Make efficient architectural and infrastructure decisions

- Ensure your architecture matches your use cases, functional requirements, schedule and milestones

- Deliver systems with more value in less time

- Increase design/implementation efficiency, thus reducing cost

The Use Case Discovery (UCD) enables you to quickly understand the state-of-the-industry from an infrastructure and middleware perspective. This, in turn, enables your team to make efficient architectural and technology decisions very early in the project life cycle, based on your specific use cases and business drivers. The UCD provides both an introduction to the fundamental concepts of architecting systems with the RTI middleware and a two-day "technical deep-dive" at your site. RTI will work with your team to develop known use-cases and business drivers, identify unstated or emergent use-cases, parameterize functional requirements and identify potential infrastructure gaps or issues. The resulting presentation will document these findings and chart a technology roadmap specifically tailored to your project. As a result, your team will be able to accelerate your business results by maximizing COTS value, driving down costs while deploying in a timely and efficient manner.

With an RTI Use Case Discovery, RTI's team of distributed systems experts will help you:

- Traverse the RTI Connext middleware learning curve rapidly

- Understand state-of-the art infrastructure/middleware technology that is:
  - Up-to-date
  - Standardized
  - Highly efficient
  - High-performance
  - Successfully deployed worldwide (TRL 9)

- Capture current and emergent use cases

- Identify infrastructure fits/gaps specific to your project

- Create a technology roadmap tailored to accelerate your business results

On-site Training and Technical Deep-Dive Discovery

The UCD includes three components: (1) tailored Connext product and technology training, (2) a technical deep-dive discovery session, and (3) a detailed presentation that documents our findings and charts a technical roadmap for your project.

We'll spend three days onsite, with the first day focused on training your team so that they can rapidly traverse the learning curve associated with RTI Connext middleware. The day can be tailored to your team's needs, but generally covers terminology, concepts, patterns, and the capabilities of RTI's implementation. As a result, the first day ensures the two-day deep-dive is as productive as possible.

The following two days at your site are dedicated to the technical deep-dive discovery session. As with the training session, this deep-dive is tailored to meet your specific requirements and is intended to be highly interactive, with RTI System Architects working directly with your team to:

- Understand known use cases and business drivers

- Uncover and explore unstated or emergent use cases

- Explore both current and future functional requirements, including but not limited to:
  - System architecture and scalability
  - Data Models and the ability to evolve
  - Performance
  - High availability, fail-over and redundancy
  - Deployment
  - Testability
  - Tools for monitoring, debugging, and developing distributed applications

- Identify infrastructure technology fits/gaps early in the program life-cycle

The Use Case Discovery Presentation

Following the UCD technology deep-dive discovery, RTI will prepare and present a detailed findings presentation that will document known and emerging use cases, business drivers, technology fits and gaps, functional requirements, and system quality attributes and constraints. The presentation will include concrete, action-able recommendations and guidance, and will chart a technology roadmap for your project, helping you accelerate your business results and achieve project success.

Timing

The UCD is typically performed over one to two calendar weeks and includes training, technical deep-dive and the findings presentation.

Contact Us

To find out more, please email us at solutions@rti.com or call +1 408-990-7400.

Make Us a Part of your Team

Use-Case Discoveries are led by members of RTI's Professional Services group, a team that collectively has decades of experience in the design and implementation of distributed real-time applications. Areas of expertise range from military and aerospace to transportation, medical, communications and industrial automation.

Our professional services team consistently helps customers deliver more value in less time. We have honed a proven delivery approach through working with customers on hundreds of successful deployments. Our team offers a unique ability to combine industry, technology and RTI product best practices to help you achieve your goals.

When working with RTI consultants, customers consistently deliver quality systems on time. They are able to increase design and implementation efficiency, thereby reducing costs. In essence, our mission is your success.

About RTI

RTI is the world leader in delivering fast, scalable, communications software that addresses the challenges of building and integrating real-time operational systems. RTI Connext solutions meet the needs of enterprise-wide integration — from the operational edge to the enterprise data center. The RTI standards-based software infrastructure improves the efficiency of operational systems while facilitating better decisions, actions and outcomes for the business enterprise.

For over ten years, RTI has delivered industry-leading products and solutions for customers in markets ranging from Aerospace & Defense, Process Automation, Financial Services, Energy, Automotive, Health Sciences and Transportation Management.

Founded in 1991, RTI is privately held and headquartered in Sunnyvale, California.

rti

Your systems. Working as one.

CORPORATE HEADQUARTERS
232 E. Java Drive
Sunnyvale, CA 94089
Tel: +1 (408) 990-7400
Fax: +1 (408) 990-7402
info@rti.com
www.rti.com