



SOA Governance – The Key For Improving SOA Maturity

2-day seminar

Give Your Business the Competitive Edge

Once a company has completed initial SOA projects, the number of deployed services increases such that the key question is no longer how to build services, but rather how to efficiently govern the development and operation of services on a large scale. At this point companies reach a SOA maturity level where they want to take a systematic approach to achieving better ROI as well as improve business agility.

The focus of a governance oriented SOA is typically on reusability (potentially across Lines of Business and business partners), reducing the application portfolio complexity by eliminating redundant functionality, securing how a growing number of users accesses applications that have been integrated into the SOA, assuring that Service Level Agreements (SLAs) are met, and, more general, to gain visibility in how SOA is employed throughout the enterprise.

Evolving SOA Maturity Through Efficient Governance

After a brief introduction to SOA and a service oriented development methodology the seminar explains how IT, Enterprise Architecture (EA), and SOA governance relate; it then provides an overview of service life cycle governance from service design time to change time, what technologies could be utilized to implement SOA governance, and discusses the considerations for establishing a SOA Center of Excellence. The seminar also shows how to develop a roadmap for SOA evolution and closes with a case study that illustrates an ROI model for service reuse.

Benefits of Attending

- Distinguish between IT, EA and SOA governance.
- Understand how to govern the complete services lifecycle – from design time, over run-time to change time.
- Be able to define practical guidelines and policies to assure that project teams follow a consistent approach to service design and implementation.
- See how the different SOA projects in your organization fit into the big picture of a SOA roadmap.

Who Should Attend

- Architects who want to evolve a Service Oriented Architecture to the next level.
- IT professionals who need to see how SOA can efficiently be applied on large scale projects.
- IT Managers and IT Strategists who need to define policies for service development and service operations.
- Architects and developers who want to understand the impact of SOA governance on their projects.
- Consultants who need to recommend and use governance strategies and technologies for SOA.



Prerequisite: This class requires attendees to have a conceptual understanding of application development and service oriented architecture.

Seminar Outline

1. SOA Overview

- Introduction to SOA
 - Services and SOA defined
 - Key SOA principles

2. Setting Goals: SOA Maturity Model And SOA Roadmap

- Defining the goals – a SOA Maturity Model
- How do we get there – developing a SOA Roadmap

3. From IT/EA Governance To SOA Governance

- Governance overview
 - IT governance
 - Enterprise architecture governance
- SOA governance
 - Why do we need governance specific to SOA?
 - Key elements of SOA governance
 - Policies
 - Contracts
 - Metadata
 - Governing the architecture
 - Governing the service lifecycle
 - Service development
 - Operations
 - Change time implications
- Evolving SOA governance – a typical lifecycle

4. SOA Governance Technologies

- Overview
- Automation of governance processes
- Requirements for governance tools
- Repositories & registries
 - What is the difference?
 - Overview of functionality
 - Standalone or platform-based tool?
- Integration with related technologies
 - Java Application Servers
 - .NET
 - ESBs
 - IDEs
 - Test management tools



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Applicable standards

UDDI

Process Classification Frameworks

5. Managing The Organizational Impact Of SOA

- Which roles in the organization are impacted by SOA governance?
- How governance facilitates SOA best practices
- Defining and measuring SOA adoption
- SOA Center of Excellence
 - Responsibilities
 - Challenges
 - Approach

6. ROI Example And Conclusions

- Return on Investment (ROI) – a client example
 - Business process walk-through
 - ROI model for service reuse
- Conclusions