

Sun™ SOA Opportunity Assessment

A Pragmatic Approach



Highlights

- SOA Opportunity Assessment provides an overview of SOA benefits, best practices, guiding principles, methodologies, technologies, and standards.
- Focus on aligning business objectives and technology by analyzing the Four Ps of SOA — People, Process, Practice, and Platform.
- Generates a set of recommendations and a roadmap for effective adoption of SOA.
- Uses Sun Repeatable Quality (RQ) methodology to identify, classify, and prioritize SOA drivers, and justify associated investments.
- Delivered over four to six weeks.

> Your business executives are demanding business flexibility. Integration challenges are mounting. For each request and enhancement, your IT budget is consumed with making duplicate tactical enhancements across the enterprise to ensure sales, marketing, business partners, and customers receive consistent functionality and results. You have heard about Service Oriented Architecture (SOA), but do not know where to begin. The SOA Opportunity Assessment from Sun can help.

Organizations are faced with intense competition and rapidly changing business conditions. Cost pressures and decreasing margins are causing companies to find new ways to better leverage IT assets and do more with less. Businesses demand agility from their people, processes, and technology to help address these challenges.

An increasing number of organizations are using SOA to create a competitive advantage through business flexibility, improving time to market and return on investment (ROI) by automating and reusing business processes.

SOA Opportunity Assessment Overview

When an SOA is appropriately implemented, it can enable enterprises to better leverage and integrate IT assets, while increasing flexibility in response to business changes and opportunities. In a world of rapidly evolving technology and emerging standards, achieving effective implementation is not always straightforward. Sun's SOA Opportunity Assessment provides the guidance and roadmap your organization needs to navigate the business and technical challenges in adopting SOA.

Through interviews with your business and technical subject matter experts, Sun SOA experts analyze your organization for SOA readiness across four dimensions — People, Process, Practice, and Platform — to create your shared SOA vision, delivered through the SOA readiness assessment executive presentation and written report.

The areas analyzed include:

- Architecture
- Organization Strategy
- Skills
- Process and Practices
- Technologies and Tools

The assessment provides a clearer understanding of the obstacles within the current organization and infrastructure, and identifies the gaps between current capabilities and future requirements. Some SOA topics that will be explored are:

- SOA governance
- Shared services
- Layering and tiering of services
- Service discovery and registration
- SOA security
- Business Process Management (BPM)
- Infrastructure and processes for management and monitoring

Sun Repeatable Quality (RQ) methodology

The SOA Opportunity Assessment examines key business processes and enterprise architecture alignment using the Repeatable Quality (RQ) methodology. This adaptive, role-based methodology provides an iterative and incremental approach to discover, enable, and realize SOA. It draws from more than 2000 successful implementations worldwide, and provides Unified Modeling Language (UML) compliant artifacts and templates geared towards the SOA project life cycle.

“We engaged Sun for an SOA Assessment. It helped to identify existing strengths, as well as the high-level requirements needed to successfully achieve our business priorities. Our architects are now engaged with Sun to establish a common, standard SOA infrastructure and framework for the development and management of our business services, and to help mentor our project teams to develop the necessary skills.”

Sissel Bergh Bakke

Chief Information Officer, VPS ASA
Norwegian Central Securities Depository

Deliverables

Upon completion of the SOA Opportunity Assessment, your organization benefits from:

- A clear understanding of systems, services, practices, and processes that can be leveraged.
- SOA Readiness Report detailing opportunities with significant business services reuse, potential gaps, critical success factors, and risks.
- Comprehensive set of vendor-agnostic tactical and strategic recommendations, as well as a practical guideline for SOA adoption.

SOA Opportunity Assessment



SOA Service Life Cycle

Sun advantage

Sun’s pragmatic approach to SOA is driven by these principles:

- *Commitment to standards and interoperability*
Sun’s approach is based on building interoperable and extensible solutions through the use of accepted, open industry standards.
- *Comprehensive platform and partner ecosystem*
Sun and its partners provide a wide variety of fully integrated software suites and hardware systems to develop and deploy an SOA.
- *Proven architecture, design patterns, blueprints, and recommended practices*
Customers benefit from Sun’s expertise, techniques, and principles in the design and implementation of scalable and extensible architectures for their business systems.

About Sun

Sun provides a complete portfolio of affordable, interoperable, and open software systems designed to help you maximize the utilization and efficiency of your IT infrastructure. Built from the secure, highly available foundations of UNIX® and Java™, these systems deliver implementations that are preintegrated and backward compatible. Sun’s portfolio consists of Solaris™ and Linux software for SPARC® and x86 platforms, Sun N1™ software, and the Sun Java System.

For more information

To learn more about Sun’s SOA expertise, please visit sun.com/soa. Requests for information can be e-mailed to soabips_helpdesk@sun.com.