



# SERVICE-ORIENTED ARCHITECTURE

Your Roadmap to SOA Success

## BEA SOA TRANSFORMATION PLANNING SERVICE

Lines of business are clamoring for new applications to support business demands, but enterprise-wide integration would be the better solution across the board. Budget constraints and IT complexity make this difficult to achieve. Service-Oriented Architecture (SOA) will allow you to meet urgent needs and plan for the future, but what is the best way to move forward?

### OVERVIEW

Service-Oriented Architecture is a strategy that organizes the discrete functions contained in enterprise applications into interoperable, standards-based, platform-independent services that you can combine and reuse quickly to meet business needs. But to make it a reality, you need a better understanding of your organization's SOA capabilities and a solid roadmap for implementation—one that can truly deliver to reduce the risks and costs associated with integration projects, both current and future.

BEA can provide strategic direction that guides your organization on where to start and what to leverage and can explain the financial impact and projected ROI for your SOA implementation.

### A SEAMLESS, MADE-TO-ORDER SOA SOLUTION

The SOA Transformation Planning Service (TPS) provides a thorough gap analysis and a detailed roadmap for developing and deploying an SOA solution, tailored specifically for your organization.

BEA helps organizations realize the benefits of SOA, using an effective approach that focuses on three core components: our unified SOA

platform, proven practices centered on our SOA domain methodology, and the expertise of our employees and partners.

Our SOA architects and partners leverage extensive experience to create a seamless plan. The entire TPS process typically takes approximately three months and follows a three-step approach: building a baseline, developing a future vision, and constructing a roadmap.

### AN SOA APPROACH THAT DELIVERS

TPS provides extensive resources centered on the six domains in the BEA SOA Domain Model™:

- > **Business Strategies and Processes**—a top-down, business-oriented view of your enterprise IT architecture
- > **Architecture**—a target architecture and strategic transformation “blueprint”
- > **Building Blocks**—a definition of existing and required building blocks and a development roadmap
- > **Projects and Applications**—an analysis of existing applications and pilot recommendation(s)



- > **Organization and Governance**—a list of the required skills, roles and responsibilities, best practices, SOA implementation standards, and guidelines for promoting reuse
- > **Costs and Benefits**—a detailed analysis of foundation costs and a project-over-project ROI.

**THE BEA SOA SERVICES ADVANTAGE**

TPS enables you to determine the true impact of SOA on your organization by providing a roadmap that:

- > Imparts SOA technology expertise
- > Maximizes flexibility and reusability
- > Predicts organizational challenges and ways to address them
- > Mitigates risks via architectural governance and control
- > Demonstrates early success through pilot projects
- > Maximizes ROI by leveraging current investments.

**BEA SOA TRANSFORMATION PLANNING SERVICE: ACTIVITIES AND DELIVERABLES**

**SCOPE AND SCHEDULE**

The scope and schedule for TPS is typically determined by the results of one of BEA's prerequisite services—SOA Assessment Service or SOA Discovery Workshop—in conjunction with a few pre-engagement scoping sessions.

**BUILDING A FACT BASE**

Your TPS team builds a baseline for key organizational metrics and structures the discovery process. The entire process includes:

- > Investigating your business processes and associated applications
- > Creating a layout of your existing enterprise architecture (including information flow and user interactions) and capturing architectural challenges and issues
- > Reviewing existing applications for migration and upgrade requirements
- > Determining the building blocks necessary for in-flight projects and identifying existing reusable components

- > Listing current skill sets, roles, and responsibilities, and mapping them to a future state anchored around SOA.

**DEVELOPING A FUTURE VISION**

During this phase, the TPS team holds a series of IT and business workshops to help outline the desired future vision. The result is a complete, target-state SOA solution grounded in the six key dimensions, based on information uncovered during the workshops and while building the fact base.

**CONSTRUCTING A ROADMAP**

This final phase results in a strategic plan for a project-by-project enterprise transformation that includes a comprehensive cost-benefit analysis, recommended organizational and governance changes, an overall build/release plan, build plans for the building blocks identified in the previous phase, and conceptual design specifications and data models. When you're ready to implement your first SOA project, BEA can help with our SOA Foundation Service.

**FOR MORE INFORMATION**

The BEA SOA Transformation Planning Service is available in most countries. For a detailed description of the service, please contact your local BEA sales or consulting representative or review the service description at [www.bea.com/soa](http://www.bea.com/soa).

**ABOUT BEA**

BEA Systems, Inc. (Nasdaq: BEAS) is a world leader in enterprise infrastructure software, helping enable companies to improve business responsiveness through Service-Oriented Architecture (SOA), a software design approach that more closely aligns IT with business objectives. With 15,000 customers worldwide including the majority of the Fortune Global 500, BEA and its WebLogic® and Tuxedo® brands are among the most trusted names in business technology. Headquartered in San Jose, Calif., BEA has 77 offices in 37 countries. More information on BEA products and services is available at [www.bea.com](http://www.bea.com).



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