

# SOA DESIGN AND IMPLEMENTATION SERVICES

## A HOLISTIC APPROACH TO TRANSFORMING ORGANIZATIONS USING SOA

Service-oriented architecture (SOA) is one of the most talked-about concepts for organizations needing to integrate and optimize the disparate IT assets that support their business processes. SOA strategies are linked to many enterprise-level IT projects, and have been adopted by businesses worldwide. Many companies are seeing significant long-term savings potential and improved business agility by normalizing and exposing business functions as reusable and manageable services across the enterprise.

### SOA DESIGN AND IMPLEMENTATION SERVICES

SOA can transform organizations through a service-oriented architectural approach that addresses the three most important drivers of enterprise IT success: people, process, and technology. This perspective on enterprise architecture reaches far beyond a specific set of technologies or a standard canned methodology. It supports true software and business process alignment, and helps businesses shape their own processes instead of having process dictated by the constraints of an arbitrary piece of software.

### APPROACH

Red Hat offers a full suite of SOA design and implementation services – from planning to deployment.

SOA engagement services can help the enterprise at any stage along the SOA migration path.

The service addresses all aspects of an organization's transformation towards adopting SOA by:

- Removing siloed application development
- Encouraging shared service development
- Fostering service reuse, thereby reducing inconsistencies and development time

- Integrating and supporting legacy applications through standards-based interfaces
- Establishing governance structures
- Creating common SOA vocabulary and business definitions, enabling enterprise business and IT functions to interact seamlessly

Consultants start by assessing enterprise needs. They then create appropriate business and IT plans designed to achieve new efficiency through the appropriate allocation of people, process, and technology.

The engagement delivers long-term results through an integrated development process that increases in-house team knowledge through on-the-job mentoring within the context of each project. The engagement is 100 percent deliverables-based actively engaging the in-house team and ensuring new systems can be maintained long after the engagement ends.

### SOA DESIGN AND IMPLEMENTATION SERVICES

- Assessment of Organizational Readiness
- Master Data Management/Data Services
- Enterprise Business Process and Domain Consolidation and Normalization
- SOA Governance Plan Creation
- Enterprise Service Bus (ESB) Implementation
- SOA Product Selection Assistance and Recommendations
- Business Process and SOA Alignment
- Real-time SOA Monitoring
- Change Management



## BENEFITS

A solid SOA strategy benefits your business by:

- Dramatically increasing the return on investment by reusing common business functions throughout the organization, and hosting them on a single platform.
- Reducing costs by minimizing system maintenance and complexity, and by addressing common needs in a consistent way.
- Allowing knowledge transfer from our expert consultants to your in-house IT team through our unique mentoring approach and customized consulting plan.

## JBoss ENTERPRISE SOA PLATFORM

The JBoss® Enterprise SOA Platform includes service-oriented architecture (SOA) open source middleware such as JBoss Enterprise Service Bus (ESB), a workflow for Java developers based on jBPM, a business rules engine based on Drools, and the JBoss Enterprise Application Platform. It helps enterprises integrate services, handle business events, and automate business processes more efficiently, linking IT resources, data, services, and applications across the value chain. Unlike other offerings, the open source components can be used individually, together, or with third-party components – whatever configuration suits your evolving development needs.

## ABOUT RED HAT CONSULTING

Red Hat Consulting delivers a range of middleware professional services offerings, from product-aligned services to strategic solutions. Our global middleware practice team comprises enterprise architects with deep experience integrating JBoss Enterprise Middleware with other open source and closed source software. This broad technology experience enables Red Hat Consulting to assist its clients with complex integration, migration, and solutions development efforts.

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