

SOA Implementation Services

Business Benefits of SOA

- **Gaining business process flexibility** to react to market changes more quickly and speed time to market
- **Improving data integrity** through shared data across multiple services
- **Easing systems integration** by integrating disparate systems and facilitating mergers and acquisitions
- **Cutting unnecessary costs** by eliminating duplicate systems, skills and investments and building the reuse of IT assets into functionality

Why MomentumSI?

MomentumSI is recognized as the leading boutique consultancy for SOA-based services. This was not by accident – we employ some of the best minds in the industry and we’ve carefully created enterprise transformation and project solutions that are world-class. Our training curriculum and SOA-centric methodology is arguably the most advanced available. MomentumSI has conducted well over 200 SOA engagements and has trained more than 2,000 employees at many of the world’s largest companies.

Many enterprise companies have already started their SOA transformation. They have defined an SOA strategy, put basic processes, infrastructure and governance in place, and rolled out pilot projects. Now they are ready to assess their SOA progress and evolve their SOA architecture to more advanced levels such as integrating a wider group of existing business services and software platforms, incorporating complex event processes, and putting infrastructure and processes in place to ensure that shared services are relevant, consumable, policy compliant and aligned with demand from the enterprise.

MomentumSI can help you assess the current state of your SOA program and determine how to take your SOA strategy to the next level. Having conducted over 200 SOA engagements at many of the world’s largest companies, we have extensive expertise on SOA best practices and methodologies, and can help you quickly apply them. Our expert consultants can assist you with everything from planning the next phases of your roadmap and designing your applications in a service-oriented way, to implementation, governance and ongoing management.

Our consultants are experts at converting existing applications and building new ones in a service-oriented way. You have the option of either outsourcing entire engagements or hiring Momentum staff as SOA subject matter experts to help on planned projects and initiatives. We can mentor individuals who are still learning about SOA, or provide the extra hands you need to get the job done. Our consultants use our time-tested SOA methodology to guide you through the entire Service Lifecycle.

Following is more information on our SOA Implementation Services:

SOA Investigation, Analysis & Design

Transforming from a ‘silo’ organization to one that is service-oriented requires careful planning and analysis. MomentumSI uses a detailed process to help organizations make the transition – one project at a time. Our consultants are trained to help you analyze existing systems, business processes, information models and other artifacts to create next-generation shared services. Our services include:

- **Service Investigation** – The Investigation stage of our process focuses on understanding the business case for services. It is common for it to be driven by application consolidation initiatives, modernization programs or efforts to extend the life of legacy systems.
- **Service Analysis** – The Analysis stage takes the work performed in the Investigation to the next level of detail. By examining business processes, legacy systems, data models and other artifacts, a “Service Case” document is created. This document acts as the formal requirements document for a shared service.
- **Service Design** – The Design stage uses the “Service Case” as input to begin digitizing the service contract. This includes creating the interface, policies, SLA’s and consumer documentation.

SOA Construction, Integration & Testing

MomentumSI provides software development, integration and testing services to expedite the delivery of your service-oriented initiatives. We provide both on-site consulting as well as remote development. Through our Austin Integration and Development Center, a secure facility co-located with our company headquarters, we are able to deliver cost-effective, high-quality SOA build solutions for your business critical projects. Our services include:

- **Service Construction** — The Construction stage of our process focuses on programming the services. This can be either new services, or just putting a new face on legacy systems. These systems are typically built using Java or .Net and often leverage an Enterprise Service Bus (ESB) or other service container technology.
- **Service Integration** — The Integration stage verifies that the needs of the consumers and services are fulfilled. Gaps are identified and mediated, and potential system integration problems are identified and resolved.
- **Service Quality** — Service Quality is extremely important in shared service environments. Our Service Testing process includes performance, reliability and functional testing. We leverage automated testing suites to ensure the repeatability of the tests.

SOA Governance

SOA Governance provides the alignment needed between Business and IT to achieve the value of any SOA program. It must cover the people, processes and technologies involved in the entire SOA lifecycle from a business point of view, and connectivity and reuse from an IT point of view.

The function of SOA Governance is primarily to:

- Establish decision rights for the development, deployment, operations and management of new services
- Monitor and report decisions and results for communicating governance results

MomentumSI can help you further define and structure your SOA Governance by helping you establish or expand upon an in-house SOA Center of Excellence (CoE) – also known as an SOA Competency Center – where the goal is to provide advice and guidance on SOA initiatives. The SOA CoE typically evolves into a more comprehensive organization that provides planning, management, and governance of service-based projects and quickly becomes the hub of all SOA activity – aligning enterprise wide initiatives.

We offer the ability to outsource either all or part of your SOA CoE. Some of the world's largest corporations rely on us for this capability. Our governance professionals are trained in program, product and pipeline management. We also provide specialists in SOA infrastructure, architecture and administration

For more information about our SOA services, call 512-236-1517 (U.S.) or 888-886-8560 (Toll Free). Or email sales@MomentumSI.com.

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About MomentumSI

MomentumSI is a leading boutique IT consultancy focused on enterprise transformation. We are known for helping large enterprises quickly and cost-efficiently adopt innovative, agile practices to align business needs with IT processes. We specialize in helping companies incorporate disruptive technologies, including Cloud Computing, DevOps, BPM and SOA.

