

# Sun™ SOA EnterpriseExcel

Accelerate Your SOA Integration Projects



## Highlights

Sun™ SOA EnterpriseExcel provides a pragmatic choice of key SOA foundation components:

- Mentoring workshops to define and implement SOA platforms
- Initial implementation plan with enterprise architecture focus
- Leverages Sun SOA RQ Methodology to plan and guide SOA implementation process
- Common Services Framework, Java™ Enterprise System, and Java CAPS SOA implementation patterns to develop reference architectures
- SOA Governance awareness for enterprise audience
- Installation and configuration of development and migration environment
- One-week, on-site training workshop
- Customized pilot integration and implementation



A custom-tailored program, Sun™ SOA EnterpriseExcel is designed to help companies that are new to the Sun Java™ Enterprise System and Sun Java Composite Application Platform Suite (CAPS) gain access to proven solutions, integration skills, and best practices. EnterpriseExcel establishes an implementation plan, reference architecture, common services, and a solid development framework to quick-start a first Service Oriented Architecture (SOA) integration. It also provides mentorship throughout the life cycle of the project.

The EnterpriseExcel program is fixed in scope, establishing a core integration reference architecture as well as a solid development platform for future projects. It provides a detailed implementation plan which establishes the scope and plan of approach for the next phases, utilizing the Sun SOA Repeatable Quality (RQ) methodology. Sun's participation during the next phases focuses on ongoing mentorship and quality assessment that can be tailored to your specific needs.

### SOA discovery

Sun architects conduct interactive workshops to educate, prepare, and mentor your team for successful delivery of your first SOA integration project. The workshop, led by expert Sun architects, focuses on the essentials for defining and delivering an SOA architecture.

Each SOA has different perspectives for business analysts, technical architects, application developers, operations staff, and executive sponsors. These are referred to as the 4+1 view. The discovery phase includes identifying functional and nonfunctional requirements driven by a 4+1 audience. Captured needs are mapped to baseline SOA architecture characteristics to derive a target architecture that offers optimal productivity and quick realization of business value.

### Initial implementation plan

Sun provides up to three days of consulting to assist your team in developing a best practices implementation plan utilizing the Java Enterprise System and Java CAPS. The plan identifies key requirements including roles, responsibilities, feasible milestones, and time lines for the first few enterprise integration projects.

### Sun SOA RQ Methodology

EnterpriseExcel leverages Sun SOA RQ Methodology throughout the engagement, enabling an iterative and incremental approach to discover, enable, and realize SOA. It combines the best of Rational Unified Process (RUP) and Extreme Programming (XP) techniques to guide the entire SOA life cycle implementation. Sun SOA RQ Methodology recognizes key phases for SOA implementations: conception, inception, elaboration, construction, and transition. To establish a strong inception and elaboration phase, EnterpriseExcel consolidates a solid baseline target architecture based on identified, high-risk pilot project use cases. The construction and transition phases involve configuration, development, integration, testing, and deployment of the solution's remaining business components, leveraging the target architecture as a foundation.

### Jumpstart customized SOA pilot projects

EnterpriseExcel facilitates building the Java Enterprise System and Java CAPS implementation patterns into SOA runtime pilot projects to meet current functional and nonfunctional requirements, demonstrating an effective, pattern-based approach to accelerate SOA adoption within the enterprise. SOA integration patterns promote the proper use of Java Enterprise System and Java CAPS. They help you build an initial baseline SOA reference architecture that broadly represents initial SOA pilot use cases.

### Common Services Framework

The Common Services Framework (CSF) leverages prebuilt technical services and components for rapid deployment of well-designed integration projects. Through a hands-on workshop, Sun architects work with your team to install software in your design environment. CSF includes frameworks for monitoring, logging, and alerting. It also provides the foundation for developing new custom extensions implemented as common services. This framework offers a tried-and-trusted path to a shared services environment focused on reusability.

### Sun SOA Governance Solution

This phase evaluates the impact of SOA Governance on your organization and current business model such as determining which services to do first, if it is a new service, who pays for development and maintenance of the service, and who owns the service. Sun SOA Governance Solution provides centralized management, registry, and point of control for enterprise services to enable SOA discovery, realization, and broad enterprise governance principles.



Sun SOA EnterpriseExcel

### SOA Service Life Cycle

#### Education and knowledge transfer

As part of the EnterpriseExcel program, Sun provides a one-week, on-site product training class. This training is limited to 12 seats and can be customized to your specific needs. This instructor-led course helps engineers and developers learn how to build solutions based on the Java Enterprise System and Java CAPS.

#### SOA life cycle support

The EnterpriseExcel program is focused on mentorship to enable self sufficiency. Beyond the launch program, Sun's participation can be tailored to meet your needs for ongoing mentoring, quality assurance, and additional subject matter expertise.

#### 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 service oriented architectures.

#### Proven architecture, design patterns, blueprints, and recommended practices

- Customers benefit from Sun's expertise, techniques, and principles in the design and implementation of scalable, extensible architectures for their business systems.

#### For more information

To learn more about Sun's SOA expertise, please visit [sun.com/soa](http://sun.com/soa). Requests for information can be e-mailed to [soabips\\_helpdesk@sun.com](mailto:soabips_helpdesk@sun.com).