

ORACLE ENTERPRISE APPLICATION INTEGRATION SERVICES



RELEVANT PRODUCTS

- Oracle BPEL Process Manager
- Oracle Web Services Manager
- Oracle SOA Suite
- Oracle Fusion Middleware

Reduce the time and cost to deploy your integration solutions with a comprehensive set of solutions based on the principles of a service-oriented architecture. These solutions will enable more efficient business operations, consistent and accurate information, and greater business insight through the seamless integration of your applications, processes, information and business partners.

Oracle Service-Oriented Architecture (SOA) technology can provide your organization with the flexibility it needs to make changes to your business processes quickly. At the same time, Oracle's SOA platform enables complete visibility across your business processes, so you can better serve your customers.

About Oracle Enterprise Application Integration

One of the challenges facing modern organizations is giving workers complete and transparent access to information, often within real-time. Although solutions for this challenge have existed for nearly twenty years, most of them were created either in haste or without a centralized architecture plan.

Implementing an Enterprise Application Integration (EAI) solution permits companies to provide employees with the information they need to make business critical decisions. Using Oracle's SOA platform for an EAI solution enables organizations to meet their immediate EAI requirements with an agile platform that can readily be adapted for future business needs.

Key Benefits

- Reduce cost through elimination of manual data entry
- Reduce maintenance costs through disintermediation of end-point services
- Reduction in human related errors from re-keying of data
- Move from batch to real time data updates, which leads to better decision-making and better service levels

How We Do It

Integration is the number one entry point for service-oriented architectures used by enterprises today. Use of standards-based web-services is often a precursor to a more defined use of SOA and is how many organizations start on the path to SOA.

ORACLE CONSULTING
DIFFERENTIATORS

- Oracle Expertise in delivering best practices using standardized methodology, process, tools, and resources
- Breadth of Services for Your Needs to integrate functional, technical, and change management services necessary for optimal user adoption
- Aligned with Your Goals with a cost-effective and comprehensive upgrade solution resulting in project success

An organization's first use of SOA might be to implement point-to-point application integration in a standards-based way. They might, for example, expose data from one application using web-services, and consume that data in other applications. This form of service may be the basis for data synchronization schemes. Other schemes employ events, such as events generated within application "A" cause activity to call on services of application "B" for synchronizing data from "A" to "B."

Another popular use of SOA is the creation of a service layer above one or more existing applications that abstracts business services away from the application's specific implementation. This creates flexibility and agility in the environment by enabling the replacement or upgrade of the existing applications with less impact on consumers of those applications. Building service layers for data synchronization and implementation abstractions provides a service portfolio that is valuable for use in process automation.

SOA-based enterprise application integration solutions typically rely on having an intermediation layer, such as an enterprise service bus, between the application service endpoints. The intermediation layer, which is responsible for connectivity, routing, transformation, and in some cases, security, serves to decouple the end point services from each other. As a result of this decoupling, application integration maintenance costs are significantly lower than the maintenance costs of tightly coupled point-to-point integrations. In a tightly coupled environment, changes to applications can have a ripple effect, requiring additional effort to maintain the application's point-to-point integrations with other applications. In the decoupled environment, the only integration impact would be on the application's connection to the intermediation layer.

The quality of integration of enterprise applications not only impacts operations, but the entire value chain of every business process that spans those applications. Today, organizations have learned the hidden costs of brittle point-to-point integration - each new point-to-point integration increases the 'drag' on corporate business processes due to the lack of inherent flexibility and reuse. Instead, organizations are shifting to a SOA based EAI approach.

They might, for example, expose data from one application using web-services, and consume that data in other applications. This form of service may be the basis for data synchronization schemes. Another important SOA EAI approach is to focus on business events, where, for example, an event in application "A" triggers a call for web-services of application "B" in order to synchronize data between the two applications.

Oracle Consulting

Oracle Consulting leverages both the functional and technical expertise of its consultants to clearly understand your services requirements. Our SOA-based services can be tailored to serve your needs and create a custom solution for your SOA opportunities.

Oracle's team of SOA Integration experts brings a host of skills and industry experience to your services implementation. A typical Oracle Integration engagement would utilize the following roles:

All software projects carry some risk. The **Oracle SOA Integration Project Manager** brings years of technology-based project experience, PMP certifications, and in-depth knowledge of the Oracle Unified Method (OUM). OUM brings a cutting edge approach to SOA projects and software development best practices. Our SOA Integration project managers combine this with strong ties into our Oracle BPEL, Enterprise Service Bus, and Adapters development resources, Oracle Support team, and an inherent ability to recognize, categorize, prioritize and eliminate issues proactively. All this capability is brought to you in one person to increase the probability of delivering on time and under budget.

We don't just implement, we integrate. An **Oracle Integration Architect** brings years of experience understanding complex business and processing issues and engineering the right combination of Oracle Technology to solve the problem. The Oracle Integration Architect brings a deep background in various methods of integration, legacy and mainframe experience, multiple programming language fluency, object-oriented techniques, full software lifecycle experience, and an ability to gather requirements and design solutions based on your needs and the latest technology landscape. This means you will be assured that you are getting the latest from a rapidly evolving Oracle Technology portfolio and a resource who understands how to plug all the pieces together to form a robust integration solution.

Your team is our team. Implementing an integration solution requires team leaders that can create reference architectures, implement and update best practices and integration standards, and mentor junior members of the team. **Oracle's Integration Team Leaders** understand that the only way to successfully integrate is to act as one team. The years of integration experience of our team leads is key, but just as important is the desire to build a solid team comprised of your best people and our best people.

How We Are Different

The Oracle Consulting team is focused exclusively on Oracle Technologies, and we have the experts that others turn to for leading practices in Oracle software implementations. We know Oracle best and can provide your business with tightly integrated, comprehensive, superior services throughout your ownership experience.

Getting Started

Leverage Oracle's methods, tools, and extensive experience with customer implementations across diverse industries and geographies. Tight integration across Consulting, Development, Support, Education, and Global Delivery puts the entire Oracle team behind your success. To learn more, contact your local Oracle Consulting representative at 1-800-633-0615, email ask-oracleconsulting_us@oracle.com, or visit www.oracle.com/consulting.

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