Businesses across industry verticals need robust and flexible integration architecture in their ecosystem of disparate applications to keep their business model agile and business processes adaptive. Oracle E-Business Suite Integrated SOA Gateway enables the service-oriented architecture for Oracle E-Business Suite to provide enterprises with the competitive advantage via loosely-coupled integration architecture.

**Oracle E-Business Suite Integrated SOA Gateway**

Oracle E-Business Suite Integrated SOA Gateway is an intrinsic part of Oracle E-Business Suite from Application Technology layer enabling service-oriented architecture with the capability of seamlessly exposing and providing out-of-the-box Web services from Oracle E-Business Suite for consumption via standard Web service clients. The Service Invocation Framework provides the ability to invoke and consume any 3rd party public Web service that is exposed and available for consumption via standard Web service communication mode of SOAP over HTTP.

**Figure 1: Oracle E-Business Suite Integrated SOA Gateway**

With out-of-the-box business services, Oracle E-Business Suite Integrated SOA Gateway facilitates faster design-to-deploy integration flows. Integration administrators can take actions to transform public interfaces into standard Web services, and then deploy the same for integration. They can enforce service related securities, monitor and manage the entire deployment life cycle. Integration developers can perform end-to-end service integration including orchestrating composite services that transform discrete Web services into an end-to-end business process. Integration Analysts can browse and search for public integration interfaces/services and view interface details via centralized Integration Repository.
**Key Benefits**

ORACLE E-BUSINESS SUITE INTEGRATED SOA GATEWAY PROVIDES THE FOLLOWING BENEFITS:

- Out-of-the-box SOA Enablement for Oracle E-Business Suite
- Flexible and loosely coupled service architecture
- Unified view of custom and seeded integration interfaces
- Low cost of ownership
- Faster generate-deploy-implement service enablement cycle time
- Simplified user experience for SOA enablement
- Ability to produce coarse-grained business services

RELATED PRODUCTS:
Oracle SOA Suite provides a comprehensive suite of key best of breed SOA technologies
- Oracle BPEL PM
- Oracle ESB
- Oracle BAM
- Oracle Adapters

RELATED SERVICES
The following services are available from Oracle Support Services:
- Update Subscription Services
- Product Support Services
- OnlineDBA
- OnlineDBA for Applications
- Oracle University
- Oracle Consulting

**Extensible Integration Repository**

The Oracle Integration Repository is a complete catalog of Oracle E-Business Suite's integration interfaces and the repository for all the out-of-the-box Web services. The custom interfaces can now be annotated, parsed and loaded into Integration Repository to reflect the customer’s integration snapshot in the Oracle E-Business Suite instance.

**SOA Provider**

The Oracle E-Business Suite’s public integration interfaces are exposed as out-of-the-box Web services and are deployed locally via SOA Provider. These deployed Web services can then be invoked and consumed by standard Web service clients. The custom interfaces (service-enabled) can be deployed as custom Web services.

**Service Invocation Framework**

Oracle E-Business Suite Integrated SOA Gateway uses native service invocation framework to invoke all 3rd party external Web services via dynamic invocation method, which can be consumed by Oracle E-Business Suite via Workflow, Business Event System, PL/SQL API or an OA Framework page.

**SOA Monitor**

The SOA Monitor provides the capability of monitoring and auditing SOAP messages (request, response and errors), which are serviced by SOA Provider.

**Composite Services Support**

A Composite Service is a coarse-grained abstracted service created using Oracle BPEL PM Designer containing multiple Oracle E-Business Suite services. It orchestrates the invocation sequence of these discrete Web services into a meaningful business process.

**Interoperability Advantage**

Oracle E-Business Suite Integrated SOA Gateway provides interoperability advantage for SOA-based Integration. You can not only create integration flows with Oracle AIA, Oracle FMW or Oracle Applications Unlimited but also create integration flows with equal ease with any standard Web services client.

**Oracle E-Business Suite – The Complete SOA Solution**

The Integrated SOA Gateway provides you the path to two-way SOA enablement for Oracle E-Business Suite to provide, consume and monitor services natively.

**Contact Us**

For more information on Oracle E-Business Suite Integrated SOA Gateway, please visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.