

# ORACLE APPLICATION SERVER INTEGRATION OVERVIEW

## KEY FEATURES

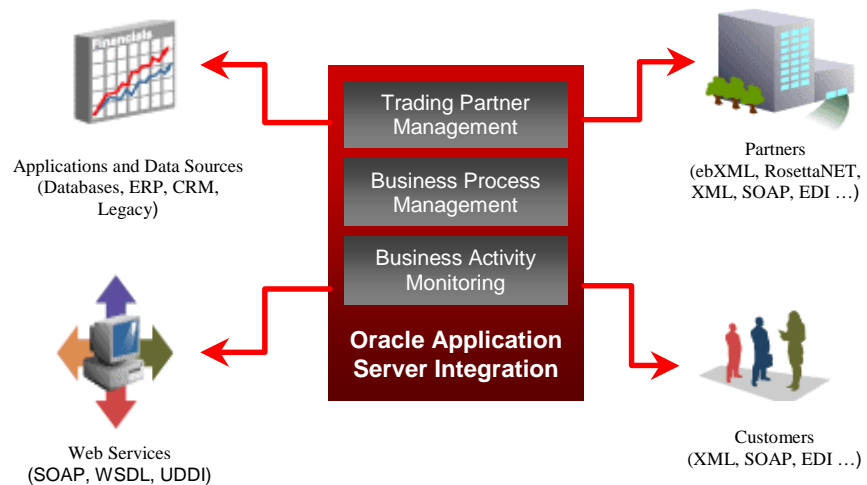


- Single platform for data integration, enterprise application integration, B2B collaboration, composite applications and Web services.
- Open, standards-based solution including support for XML, J2EE, JMS, JCA, Web services (SOAP, WSDL, UDDI), RosettaNet, HIPAA, and EDI.
- Built on Oracle Application Server, the industry's fastest J2EE infrastructure that delivers enterprise strength reliability, scalability, and manageability.
- Tightly integrated with Oracle Applications infrastructure and provides the best solution for integrating Oracle E-Business Suite with 3<sup>rd</sup> party applications.

*Oracle Application Server Integration delivers the most complete, J2EE and open standards-based integration solution to connect disparate information sources within and across the enterprise to:*

- *Seamlessly exchange data and information*
- *Automate, monitor and streamline business processes*
- *Rapidly build collaborations with business partners*

### A Single Product for Connecting the Extended Enterprise



Oracle Application Server Integration (OracleAS Integration) provides a unified, enterprise-class integration solution designed to speed time to value, reduce costs of IT initiatives, and future-proof businesses. With its standards-based architecture, OracleAS Integration enables companies to rapidly develop, deploy, and integrate new web and wireless applications, streamline complex business processes, and connect with business partners.

### Connect to Any Database, Legacy, and Packaged Application

OracleAS Integration provides a complete enterprise application integration (EAI) solution including reliable messaging, data transformation, validation, and adapters for connectivity to a full range of enterprise applications. OracleAS Integration fully complies with the J2EE Connector Architecture (JCA) 1.0 specifications and includes extensions to provide additional support for Bi-directional communication, Asynchronous event notification and Improved metadata interfaces. OracleAS Integration includes packaged adapters for a wide variety of applications and technology environments, including the following.

- Internet Standard Transports – http/s, smtp, ftp/s
- Messaging Systems – Oracle AQ, MQ Series, JMS
- Databases – Oracle, IBM DB2, Sybase, Informix, MS SQL Server, JDBC
- Mainframe – IBM CICS
- Packaged Applications – Oracle11i, SAP, PeopleSoft 7.5/8.0, Siebel 2000, JD Edwards

### **Create a Virtual Supply Chain**

OracleAS Integration enables enterprises to collaborate with trading partners using B2B protocols — such as RosettaNet, HIPAA, and EDI — that offer secure and standards-based communications. Further, the product provides trading partner management capabilities that streamline provisioning and maintenance of trading partners.

### **Streamline Business Processes**

OracleAS Integration is a business process-centric solution for e-business integration addressing the full spectrum of business process management requirements including automated event processing, B2B collaboration, and human interactions. The business process management facility of OracleAS Integration enables reliable, consistent execution of complex, long running transactions that may take hours, days, or even weeks to complete — as is the case with many B2B interactions. The product maintains persistent state information between events in the business process and will automatically re-establish the process context and continue processing when subsequent events occur.

### **Analyze and Improve Enterprise Processes**

OracleAS Integration provides integrated business intelligence functions to track, extract, and analyze critical business intelligence to support operational adjustments and strategic decision-making. OracleAS Integration provides the capability to log every event and transaction that flows through the system and converts it into detailed analysis reports to be viewed by business users via a Portal.

### **Support Service Oriented Architecture with Web Services**

OracleAS Integration includes comprehensive support for web service integration. Business processes may incorporate web services located on internal networks or over the Internet. Conversely, business processes defined in OracleAS Integration may be published to customers and other trading partners via web services standards. Web services communication is enabled through support for SOAP 1.1 packaging. The design tool has the ability to import and export WSDL, and can read from and publish to UDDI repositories.

### **Summary**

OracleAS Integration delivers the most complete, J2EE and open standards-based integration solution at a fraction of the cost the competition. Only Oracle simplifies integration complexity by providing a one-stop shop for all your integration needs — EAI, B2B and Web Services — with OracleAS Integration.