



Washington Group International
Boise, ID
www.wgint.com

Industry:

Engineering & Construction

Annual Revenue:

\$3 billion

Employees:

24,000

Oracle Products & Services:

Oracle Database
Oracle E-Business Suite
Oracle Fusion Middleware
Oracle Application Server
Oracle BPEL Process Manager
Oracle Identity Management
Oracle Internet Directory
Oracle JDeveloper
Oracle Portal
Oracle Application Server Single Sign-On
Oracle Web Services Manager

“We decided to use Oracle software as a foundation for our SOA because it supported open standards and J2EE, which was more robust and scalable than .NET. We put a lot of faith into the company, and we have not been disappointed.”

– Rich Colton, Application Integration Manager, Washington Group International

Washington Group International Integrates Business Processes with Service-Oriented Architecture

Washington Group International provides the talent, innovation, and proven performance to deliver integrated engineering, construction, and management solutions for businesses and governments worldwide. Made up of multiple international companies that merged within the last several years, the company has diversified businesses and a geographically dispersed workforce.

Challenges

- Unify applications and business processes across multiple lines of business and diverse geographic locations
- Align IT infrastructure with business goals
- Improve efficiency enterprise-wide

Solution

- Implemented Oracle Fusion Middleware as the foundation for a service-oriented architecture (SOA) to help integrate applications and streamline business processes
- Leveraged Oracle BPEL Process Manager, Oracle JDeveloper 10g, and Oracle Web Services Manager to transition from a point-to-point integration model to a Web Services based model
- Reduced number of resources needed to integrate disparate applications, as a result of implementing SOA
- Standardized common business processes between separate business units, such as mining and defense
- Eliminated redundant data entry and coding to reduce costs and minimize unnecessary man hours
- Utilized Oracle Identity Management and Oracle Application Server Single Sign-On to strengthen security and provide employees with immediate and seamless access to applications
- Simplified process for application implementations, upgrades, and maintenance