

General Medical Council

GMC Cuts Integration Costs and Reduces Development using Service Oriented Architecture

The General Medical Council (GMC) was established under the Medical Act of 1858. Its purpose is to protect, promote and maintain the health and safety of the public by ensuring proper standards in the practice of medicine. GMC do this by controlling entry to the Medical Register and setting the educational standards for medical schools. They also determine the principles and values that underpin good medical practice and have strong and effective legal powers to maintain those standards.

Challenge

- ▶ Integrate Siebel, GMC's primary case management system with existing applications, consolidating data concerning doctors, complaints, investigations, hearings, and medical school audits across multiple data sources
- ▶ Build an Integration Platform linking new and older systems from several suppliers ensuring the environment supports future growth and change

Solution

- ▶ Introduced a selection of components from Oracle's SOA Suite service infrastructure, enabling services to be created and managed into composite applications and business applications
- ▶ Leveraged built-in standards to ensure that integration can take place whether systems are based on Java, Net or other technologies
- ▶ Used Oracle Enterprise Service Bus and Oracle BPEL Process Manager to connect Siebel to existing systems as a single set of services

Results

- ▶ Eliminated redundant data entry and coding to reduce costs, improve information accuracy and minimise unnecessary man hours
- ▶ Transition from point-to-point integration model to a SOA based model reducing the number of resources needed to integrate disparate applications
- ▶ Security and auditing inherently built-in into Oracle SOA platform reducing development and deployment costs
- ▶ Cut development time and costs by using Griffiths Waite's library of BPEL patterns for translation, exception handling and database access.

Oracle Products

- ▶ Oracle Fusion Middleware
- ▶ Oracle BPEL Process Manager
- ▶ Siebel
- ▶ JMS Adapters
- ▶ MS SQL Server DB Adapters

Future

- ▶ Link Process Metrics from BPEL to Siebel Business Analytics
- ▶ Develop SOA Capability for Internal Development Team
- ▶ Expand security capabilities by introducing web service security and administration using Oracle Web Services Manager

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