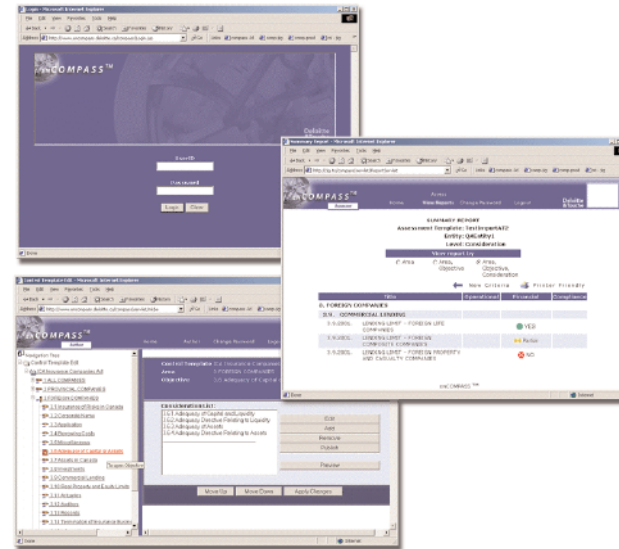


DELOITTE & TOUCHE ONLINE COMPLIANCE ASSURANCE APPLICATION



CLIENT OBJECTIVE

Deloitte & Touche, a leading consulting firm, required a distributed compliance assurance system. The new system would replace an existing PC-based application that no longer met their clients' needs. In addition to functional requirements, clients required a low-cost solution.

The application requirements included:

- Functional in both UNIX and Windows server environments.
- Ensure data privacy by employing necessary security measures.
- Scalable for data growth and additional business logic.
- Ability to import data from the original application.
- Include major reporting and data gathering features of the existing PC-based application, and incorporate additional business logic as outlined by Deloitte & Touche

CASE STUDY: DELOITTE & TOUCHE: ONLINE COMPLIANCE ASSURANCE APPLICATION

CHALLENGES

The system requirements were very sophisticated. In addition to a multiple platform, the application had to be robust, responsive, scalable, and distributed. The capital investment for the project was limited in relation to the project requirements.

Due to the complexity of the application, senior designers and programmers were required. The requirement for senior resources added additional complexity to the project budget.

SOLUTION

Since the project had a limited budget for the specifications provided, proven open-source technologies were used for cost effectiveness. Java was chosen as the ideal framework to meet the project's requirements.

Professional engineers were employed to build the system, and highly regarded corporate designers and usability analysts created a compelling and easy-to-use interface.

Using proven software-design methodology, JIG Technologies was able to determine and meet desired system requirements. JIG engineers developed the software necessary to import data to the new system. As well, project management ensured that budget and all requirements were met.

Although a large initial investment could not be made for security and scalability, JIG Technologies was able to incorporate a framework that would not need costly redevelopment to deploy in a larger commercial framework. This was achieved by developing to open source standards that would allow the system to be ported between different application servers.

Technologies Used

- Java Servlet/JSP
- Java Internationalization Support (multi language)
- Jakarta Tomcat v4.1.x
- MySQL (Ported to Oracle)
- XML based PDF Report Generation
- DHTML controls

OUTCOME

Despite sophisticated requirements and a limited budget, Jig was able to fulfill client expectations by maintaining low overhead and using a highly skilled network of talent.

Jig Technologies delivered a Compliance Assurance system within the prescribed budget. Due to the lower development costs, Deloitte & Touche realized its return on investment and, in turn, met their clients' expectations.