

**Client**

An independent Australian company providing a B-2-B platform for marketing seafood products.

**Industry**

Sea Food Sales & Distribution

**Business Challenges**

- Migration from existing Coldfusion technology to J2ee
- Providing the technology environment for co-existence of the ColdFusion and the Java application

**Technology**

J2ee, Struts, Hibernate, Linux and MY SQL, IIS, MS SQL, ColdFusion MX 7.x

**Benefits to the Client**

- Open source platform independent solution.
- Improvement of UI.
- Facility to Integrate with different system.
- Solution implemented to co-exist with the client's existing application.
- Performance improvement from existing system.

**Description**

Zenith Software Limited (ZSL) developed a web-based portal application for seafood sales industry. This application will provide a platform for customers and suppliers to purchase and sell seafood products.

This portal helps customers and suppliers to compete on a global scale, creating pull-through demand for supplier product by connecting with all sectors of the seafood industry.

The solution handles end-to-end Distribution chain, right from Procurement from farms to warehousing, selling, dispatching and billing. The client wanted ZSL to take over the maintenance of the existing ColdFusion application and port it to Java in phases.

**Functionality**

The application has the following functionality for the different types of users who are customer, supplier and administrator:

- Manage customer
- Manage product
- Manage Freight
- Order Processing
- Email
- SMS functionality
- Reporting

**Development Process**

The application was completely developed at ZSL's offshore development center in Bangalore.

The development lifecycle adopted for this application was Rational Unified Process. The existing Coldfusion environment was setup locally to test the feasibility of co-existence of both ColdFusion application and the Java application.

Further, vigorous testing was done to ensure that the data created through Cold Fusion application was accessible by the Java application and vice-versa.

The assignment included complete testing of the existing ColdFusion application in depth to identify the lacunae in the existing application and to come up with remedies through the Java modules. This helped in converting the ColdFusion application to the Java platform.