

Case Study | Custom Application



Development of Freight Management Application for Freight Transport Industry

About Client

A Canada based leading freight forwarding agent who manages over 10,000 shipments annually. The company combines its core services of Supply Chain Consulting, Air Freight, Ocean Freight, and Logistics to deliver integrated, tailor-made, end-to-end solutions for customers across Canada and the USA.

Technology Used

Java, DOJO, My SQL, SQL

Business Benefits

- Our solution is a complete package of communication, management, and operational tools to increase the competency and profitability of our customer
- Provides end customer with 24-hour a day availability and instantly tracks where the consignments are
- Reduced communication costs and increased visibility throughout the shipping process
- Solution provided a seamless interaction between geographically diverse teams resulting in round the clock operations

Business Challenges

While the client was expanding its presence and operations, communication between various stakeholders continued to be carried out via email. Email correspondence was used to process all customer orders, track deliveries, follow relationship with logistics carriers and brokers, etc. With a rapid growth of network and customer base, such mode of communication and order processing became very incompetent and time-consuming.

Our customer decided to develop its own custom system that would support its end-to-end business operations.

Solution Provided

Sensiple worked closely with the client to understand their business processes and developed a Java based application. This application supports various aspects of our customer's business processes including order management, shipment tracking, billing and payments, etc. Some of the highlights of our solution:

- Pre-built rate estimation calculator
- Google API integration to track consignments' current location, carriers' availability, and estimated fuel requirement
- Notifications through e-mail to stakeholders whenever the status of a shipment changes
- Calendar integration with a third-party software
- Allows the client to attach documents and files to the shipment for insurance and security purposes
- Dynamic reports can be fetched from the application for sales, operations, and quality control

