



## Next Generation ESB/B2B Gateway for Logistics Provider

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B2B Integration and File Transfer

### Customer Background

Our customer is a Global Logistics, Transportation and SCM Provider with joint-ventures and affiliates in more than 130 countries, including more than 270 offices across the world. They believe in delivering the promise of service excellence, one customer at a time. The organization is all about people who listen and communicate across the office (or) globe.

## Technology

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The following technologies were used in this implementation :

- IBM Integration Bus v9.0
- IBM Websphere MQ
- IBM Websphere Cast Iron
- IBM B2B Sterling Integrator
- IBM Sterling File Gateway
- Sterling Control Center
- Sterling Security Proxy



## The Business Challenge

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The major challenge for the firm was to restructure their Global Integrations to achieve their goal, which was Faster- to-Market using their AS-IS Oracle JCAPS and DECEDI Platforms. The challenge was to reengineer their Business Applications / New Work Definitions (Processes, Procedures and Documentation) while also optimizing the time for developing /monitoring the transactions across their 270 global offices, plus integrating their external customers as well. Miracle helped to solve their challenge by placing a Next Generation Gateway using IBM technology from both Websphere and Sterling Product groups.

## The Solution

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To solve the customers challenges, they chose us(As an IBM Certified Premier Business Partner) to implement a Next Generation ESB/B2B gateway using IBM Technology from the WebSphere and Sterling Product groups. Through our innovative COE, we were able to build the following capabilities and successfully solve their challenges.

- Built Next Generation ESB/B2B gateway using IBM WebSphere and Sterling Product Groups
- Migration of 70 Plus Oracle JCAPS & DECEDI Interfaces into IBM WebSphere IIB and Sterling Product Suites



- Handling of highly complex and unique industry standards-based(EDI,XML and other Standards) requiring in-depth knowledge and understanding of Global Hub Integrations
- The integrations that needed to be handled were Global Carrier Processes and Global System Processes with the group of customers to handle were Carriers Forwarding and Imports
- B2B Integration with External Trading Partners (Customer Integrations)
- Used Sterling Integrator for Communications / Processing / Visibility / Track and Trace the Trading Partner Messages
- EAI Integration between Internal Systems (Internal Integrations) /Handling Bulk /Application Specific Data Integrations using IIB
- Provided a Self Service Portal for Customer services / Download trading Partner Messages / Dashboarding / Monitoring / reporting need to be determined