



Import Export Market Leader ImpEx Management

Background

The Client is a leading NVOCC (Non Vessel owning Common Carrier) operating in India. Client is a market leader in handling import and export of LCL cargo to destinations across the world.

The Client was interested in having a centralized system for the operations carried out from their various offices spread across the country. This was also to be made accessible to client's franchisees and customers.

Cargo from inland locations is forwarded to the ports for onward movement. Interactions with Shipping lines were also to be recorded, including tracking of Containers, monitoring Transshipments, payments for services etc. Client gets import cargo from overseas associates, based on sales of the associate and sales made by the client. Client wished to track the cargo for sales made by the client. Customers of the client were to be kept updated about the status of the cargo.

Challenges

The ImpEx Operations Management system needed to:

- Design should permit future updates to include payment gateways, exchange of data with business associates (EDI).
- Track movement of cargo at each step till the final delivery to consignee

Akroya Solution

After carefully considering the project objectives and the existing design, the Akroya team proposed and implemented the following:

In order to meet above business goals, a centralized system was designed which could handle the processing load imposed by large number of users and huge data. Quality of service in terms of response time for users was maintained. The design ensured that data is entered only once to maintain data integrity.

Components were created for implementing Business rules that imparted flexibility to the design allowing business rules to be changed without affecting other parts. Design was kept database independent for true n-tier architecture.

Benefits

- New Branches opened by the client could go online with minimal efforts
- Flexible to permit future additions to functionality, particularly introduction of payment gateways for online transactions.

Technologies

Microsoft .NET framework, ASP.NET, VB.NET, COM+, SQL Server 2000, Windows 2000.

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