

Revitalize the complete business backbone

CLIENT

A leading Liner and Shipping group.

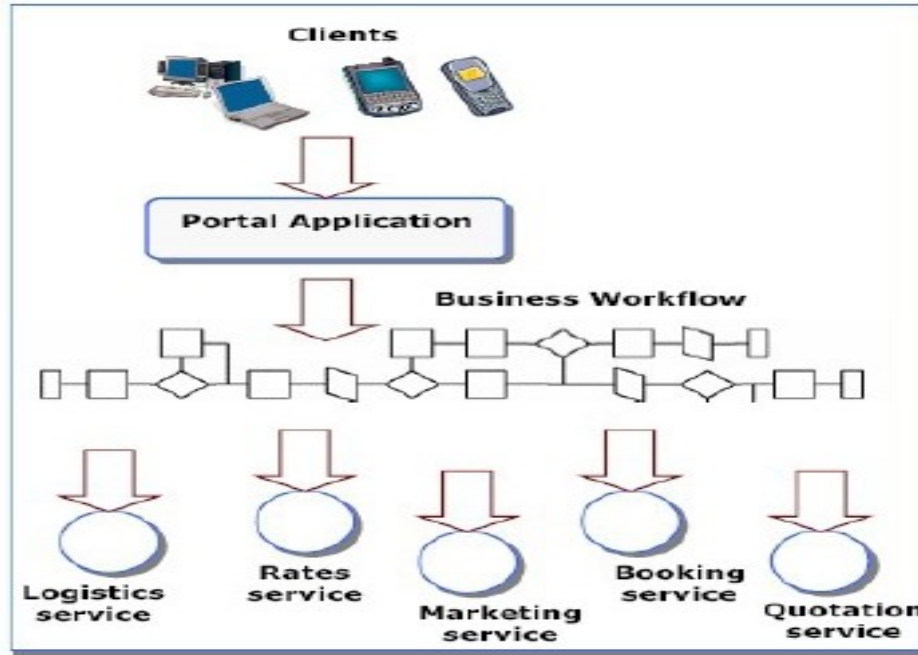
BUSINESS CHALLENGE

Build a state-of-the-art Global Management System (GMS), catering to the group's global offices.

A backbone to support integration with the offices of the group.

How THBS Helped

Torry Harris analyzed the problems with the existing setup. The requirement of the client is for the complete business backbone to be re-developed, by phasing out the existing systems, without the need for re-use. The business process packages include CRM - Marketing and Sales, ERP - finance, HR and Inventory, Business operations - liner, logistics and shipping and finally, the Application administration services - user authentication and lookup. THBS suggested a SOA based solution.



CLIENT BENEFIT

“Business Agility and reduced total cost of ownership.”

TOOLS AND TECHNOLOGIES

Software:

Java/J2EE, WebSphere,

Business Modeler,

WebSphere Integration

Developer, WebSphere

Process Server, WebSphere

Business

Solution Details

An IBM based SOA solution has been recommended. Business processes are modeled using WebSphere IBM Process modeler. The process modeler would output the business model in BPEL format, which will be imported into the WebSphere Integration developer. The BPEL produced, contains abstract references to services. The services would be implemented in J2EE with a SOAP based interface and the concrete details put in the BPEL.

Any manual task is converted into a workflow task, to be implemented using WebSphere MQ Workflow. The workflow engine is a part of the WebSphere Process Server. With this, the implementation of the business process is complete and the process is ready for deployment on the Process server. The Process server supports both workflow tasks and BPEL models. Currently, the business processes are being converted into business process models, using the WebSphere process modeler.

