

A CASE STUDY - INTEGRATION OF LEGACY SYSTEM WITH SAP USING IBM WEBSHERE MQ TECHNOLOGY

for a leading Automobile Company

SNAPSHOT

Industry
Automobile

Business Challenge

- The process is too tedious and repetitive in nature, consumes lots of precious man hours. Emails have restrictions in sending huge files across the network.
- Mails often bounce back or are not delivered due to the attachment size and the nature of security on agents place.
- There was no process in place to track the work done and to manage the huge amount of file movements.
- There are frequent disruption of network between India plant and Italy

Omnitech Solution

- The asynchronous nature of MQ allows to have an uninterrupted transfer of data through various interfaces for each type of data
- Their IT personal can send data from the India Centre to oversea and vice versa in a structured manner or schedule
- The service is built upon IBM'S WEBSHERE MQ technology which delivers secure & assured data exchange

Business Benefits

- Web based frontend for clients to start and stop the data transfer interface.
- View system and error log in front end.
- Use MQ API for handling message transfers.
- Data can be accessed only by authorized individuals (Data Security).
- Automated and structured data flow.
- Transparency to the end users.
- Ease of use.

Company Overview

Our client is the world's major in two, three and four wheeled motorized vehicles. It revolutionized the two and three wheeler business in India. Their target in India is achieving a turnover of \$ 1 billion by 2010 is well on the road to fulfillment.

They commenced their Indian operations in 1999 with introduction a brand of diesel Light Transportation vehicles. They have pioneered the 3-wheeler goods transportation in India and has achieved and sustained a leadership status in the cargo segment. Our client in India is now recognized not just as a leader in its class, but also as the gold standard in fuel efficiency, load carrying capacity and lowest operating costs.

They have invented 3-wheeler in year 1947 and ever since company has pioneered the technology all across the globe. The access to immaculate and rigorous R&D has played a role of a key driver to their success in India. The R&D backup in India has played a role of backbone in introducing their state-of-the-art of product with latest technology.

They are implementing SAP for majority of their business functions. The SAP implementation will be hosted at Italy site. However there are three core systems built in legacy technologies which will continue to be used. These applications must integrate with the SAP implementation at Italy for exchange and update of information. They have decided to implement MQ for the purpose of this integration. IBM Websphere MQ is a frequently used technology for integration between applications using Message Queuing. This ensures failsafe and hassle free integration between the applications.

Their greatest assets are their people, and led by a management team of highly qualified and experienced locals and expatriates, the company is pioneering a new approach to delivering success

Business Challenges

As a part of the production, inventory management and order entry management, there are lot of data which is processed at India plant and lot of data processed at Italy office. Some data is supposed to be updated on a real time basis and others on batch basis. More over the data has to be sent in file format which can be easily uploaded to SAP system in Italy and for incoming files, easily uploaded to Legacy system.

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- There was no process in place to track the work done and to manage the huge amount of file movements.
- There are frequent disruption of network between India plant and Italy.

Solution

- The Omniconnect Product (MQ client application) addresses all these issues by providing secure & convenient online transfer of data through various interfaces for each type of data.
- The asynchronous nature of MQ allows to have an uninterrupted transfer of data.
- Using this system their IT personal can sent data from the India Centre to Italy and vice versa in a structured manner or schedule the file transfer as a job work.
- The service is built upon IBM'S WEBSPPHERE MQ technology which delivers secure & assured data exchange. Internet & connectivity is taken care by one of country's most reliable & advance service provider.

About Omnitech InfoSolutions :

Omnitech InfoSolutions is an ISO 9001-2000 certified technology services and solutions provider company in the Business Availability and Business Continuity space. The Business Availability services include Infrastructure Management, Application Management and Performance Management services whereas Business Continuity services include Disaster Recovery Consulting and Management, Data Vaulting and Workplace Recovery Services.

Omnitech InfoSolutions is also a world-class provider of turnkey IT solutions like Server & Storage Consolidation, Virtualization, Network Integration Solutions and Data Center Management Solutions, Omnitech provides end-to-end support with guaranteed SLA (Service Level Agreements) in order to optimize infrastructure management and align IT with business goals.

Contact Omnitech InfoSolutions today for free consultation

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