

## **The Great Eastern Shipping Company Limited**

### **Customer Profile**

**Industry:** Shipping and Offshore

India's largest private sector shipping company

- Experience and expertise spanning 5 decades.
- An enviable global reputation.
- Creating value for customers.

The company has two main businesses: shipping and offshore. The shipping business is involved in transportation of crude oil, petroleum products, gas and dry bulk commodities. The offshore business services to the oil companies in carrying out offshore exploration and production activities; through its wholly owned subsidiary Greatship (India) Limited. The shipping business has been awarded the ISO 9001: 2000 standard certification by DNV.

### **Key Highlights**

#### **Business Situation**

Great Eastern Shipping Co. Ltd. was planning for Disaster Recovery site for their production Applications located in Datacentre at Mumbai. With conventional approach towards Disaster recovery solutions, company was looking for similar hardware and in turn the involved cost of the setup. Reconfiguration of production application at DR site was also a time consuming task.

#### **Benefits**

- Setup DR site with minimum investment in hardware procurement
- Reduced efforts of reconfiguring applications at DR site by using VMware p2v tool
- Savings on datacenter power consumption and cooling
- Improved manageability of the datacenter using VMware vCentre
- Improved CPU utilization

#### **Solution**

With help from Wysetek Systems Technologists Pvt. Ltd, Great Eastern Shipping Co. Ltd used IBM Servers and VMware Virtual Infrastructure to setup Disaster Recovery Solution. VMware Capacity Planner tool used to estimate the usage of existing production servers. VMware Physical to Virtual Converter tool was used to convert existing production servers to corresponding Virtual Machine in turn reducing the efforts of reconfiguring applications at DR site.

While working on Disaster Recovery site Great Eastern Shipping Co. Ltd. realized the need of virtualization at production site. Production servers have been virtualized to reduce the server sprawl in production datacenter and reduce the investment in renewal of AMC of existing servers.

## **VMware at Work**

VMware Infrastructure Standard with ESX 3.5

VMware vCentre foundation edition

VMware Capacity Planner

VMware Physical to Virtual Converter

VMware Consolidated Backup (VCB)

VMware High Availability (HA)

## **Deployment Environment**

- ESX 3.5 on two X 3650 Servers with two Quad core Intel Xeon processors running at 2.66 GHz and 16 GB RAM
- Internal storage of IBM X 3650 servers with total capacity of 1380 GB.
- Guest Operating System: - Windows 2003 server (x32 / x64)
- Virtualized Production Applications: - Microsoft Active Directory, Lotus Domino 8.0, Microsoft Sharepoint, Blackberry server.