



KEY HIGHLIGHTS

INDUSTRY: OIL & GAS

**CHALLENGE**

HPCL needed to address underutilization of existing resources, contain server sprawl, deploy applications faster, and improve infrastructure manageability.

SOLUTION

VMware Infrastructure enabled HPCL to reduce hardware and data center costs, while improving application deployment times.

VMWARE AT WORK

- VMware ESX Server 2.5

DEPLOYMENT ENVIRONMENT

- ESX Server 2.5.1 on two HP Proliant DL eight-way servers each with 16GB RAM
- HP EVA 5000 3.2TB storage array
- Guest operating systems: Microsoft Windows Server 2003, Red Hat Enterprise Linux
- Virtualized Production Applications: Oracle Database, Oracle Application Server, file and print servers and Apache Tomcat

“The strategic objectives centered around enhancing the efficiencies of our virtual infrastructure. VMware technology has enabled us to run different services on the same box.”

M.P. Keshava, Senior Manager, IT
Hindustan Petroleum Corporation Ltd

Hindustan Petroleum Corporation

Hindustan Petroleum Corporation Ltd (HPCL) is India's second largest petroleum refining and marketing organization and a Fortune 500 company. HPCL operates two major refineries in Mumbai and Vishakapatnam that produce a wide variety of petroleum products. The company has an annual revenue of Rs.74,044 crores and employs 11,500 people. Its business network consists of 85 regional offices and zonal offices in four metropolitan cities, as well as a massive supply and distribution infrastructure comprising terminals, aviation service stations, bottling plants, and inland relay depots and retail outlets.

The disparate nature of its operations meant HPCL had to contend with inefficient resource use. Users demanded separate servers for new applications, which led to escalating hardware, maintenance, and data center costs. Unplanned demands for computing resources were also constraining business operations.

Since implementing VMware, HPCL has streamlined server provisioning, increased the speed at which applications can be developed and deployed, and gained the ability to scale quickly to support business growth.

Results

- Cut hardware renewal costs by 40%
- Reduced provisioning times for new servers by 80%
- Slashed development time for new applications by 80%
- Reduced deployment times for new projects by 80%
- Cut IT labor costs by 50%
- Enabled business to save 50% in data center building costs
- Reduced planned and unplanned downtime by 20%