



“Committed to provide Customer Satisfaction by measuring customer perception”

CASE STUDY : OIL & GAS



The customer is second-largest E&P Company in India, both in terms of oil production and oil & gas reserve holdings with branch offices spread across wide geographical area.

THE REQUIREMENT

They wanted to deploy SAP and looking for SAP infrastructure provider and support. The SAP needed to be made available in all operations. Also, the access of the same needed to be controlled and monitored. Another requirement was backup, without impacting the performance of application. They also want to setup the disaster recovery (DR) site for any catastrophic eventuality.

THE CHALLENGES

Previously, the client was using SAP applications from its parent company. The challenge was to deploy the new IT infrastructure in parent company premises and perform the required separations and redeploy the same as required. There were lots of restrictions and compliance which were required to be maintained and followed. The IT equipment's needs to be repacked and shifted time and again as required ensuring its health and safety. We also need to ensure timely resources and patches provisioning as and when required by the SAP deployment team.

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THE SOLUTION

Considering the above requirement, a solution was conceived with consultation of HP Enterprise solution team as below:

Primary & DR Site

- HP Blade Integrity HP-UNIX servers for critical SAP workloads
- HP ProLiant Servers with Windows 2012 R2 for various loads as required
- HP 3PAR SAN Storage
- HP MSL Tape library with HP Data Protector for backup
- HP Firewall, Core Switch and F5 Load Balancer
- HP Routers

Entire infrastructure with servers was designed with NSPoF (No-Single-Point-of-Failure). SAP landscape was deployed in cluster with site level redundancy. The various components were put in redundant mode. The entire network was designed with redundant devices at primary.

The servers, storage along with tape library were placed in controlled area. This area was equipped with precision air conditioners configured in redundant mode (N+1). An access control system was in place to ensure secured access. CCTV cameras were installed in all critical areas for monitoring and recording of any activity. All critical systems were feed power from each for redundant power input. Helpdesk for IT were setup and provided for smooth operations with incident recording and providing various reports. This resulted in a rigid and flexible solution in place.

SOLUTION BENEFIT

- High-availability and Uninterrupted services
- Drastic improvement in data retrieval & save
- Highly scalable & a future proof solution.
- Reduction in backup window

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