



**How a multinational
oil & gas company
achieved cost
savings with AWS**

Client background

Industry: Energy

Products or Services: One of the six oil and gas “supermajors”

Areas of operations: Global

Challenges

The client’s business had complaints about IT costs, speed of delivery and quality of service, which were all deemed unacceptable. Also:

- Data centers were running out of space, cooling ability and power. (It was taking 3.5 months to put a router in data center)
- Number of servers was increasing dramatically (7-10% per year)
- The existing service levels, where it was taking 42 days to provision server for storage, was unacceptable
- There was no incentive to deliver something sooner than the agreed upon SLA

There was no transparency in the system—business did not understand what they were paying for. IT charges were not commensurate to business.

Solution

Wipro’s solution included the following:

- Establishing a cloud Center of Excellence to enable enterprise-wide access to cloud
- Designing, deploying and maintaining the AWS (Amazon Web Services) architecture in compliance with architecture and security standards
- Planning a Cloud Business Chargeback capability to ensure cost transparency and usage of services
- Establishing a Cloud Governance Framework to define roles and responsibilities of client, IT partner and AWS

Migrating to a highly compliant cloud setup leveraging Wipro’s expertise in AWS led to cost savings of 47%

- Designing and deploying self-service portal with role-based access and real-time feedback on costs, warnings, etc.
- Designing the AWS architecture for a virtual private cloud setup with robust and secure network connectivity with value adds like data encryption and windows authentication



Business impact

Following were the benefits realized by the client:



Cost savings of 47% due to the deployment of AWS



Transparent and usage driven 'pay-per-use' cost model



Reduced complaints from business and improved customer satisfaction



Data center space problems resolved



Capacity to deploy new services with the enhancements



Servers and storage solutions provisioning time reduced to less than 24 hours



Self-service portal enabled users to assume control



IT service is now perceived as more reliable and available



Wipro transformed and modernized the customer's landscape by embracing a consumption model on AWS by leveraging economies of scale to reduce the cost of ownership. Wipro enabled the customer in removing the challenges of siloed IT, aging systems and processes by implementing a well-architected Cloud Governance Framework solution to deliver a reliant, highly available and unlimited elastic ecosystem on AWS with a cost saving of 47%. We helped the customer attain optimal performance, increased productivity and competitive advantage.

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