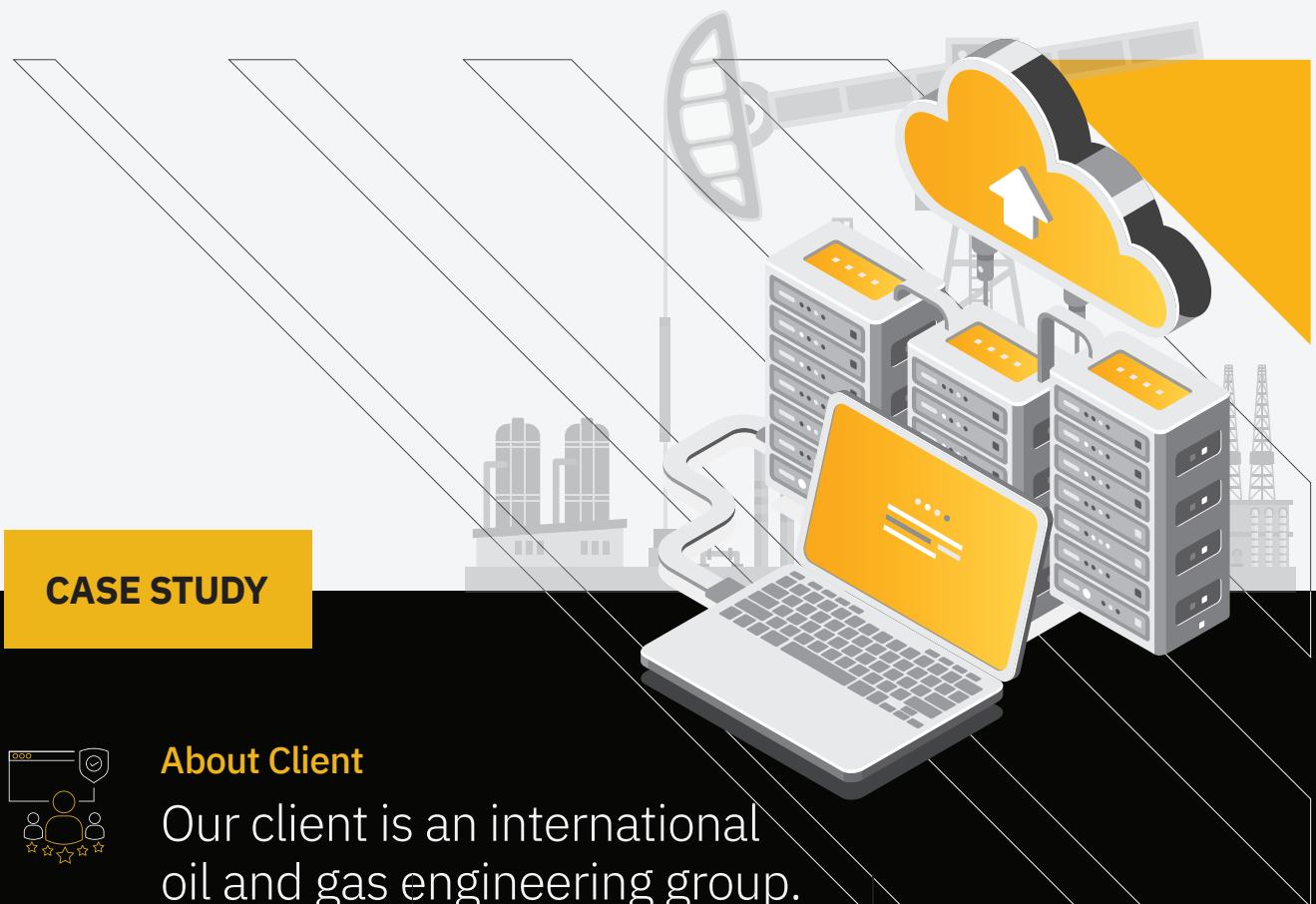# Cloud Backup and DR Solution for a
Leading Oil & Gas Company

CASE STUDY

About Client
Our client is an international oil and gas engineering group.

Industry
Oil and Gas

Service
Cloud Backup and DR

Business **Challenge**

The client was looking for cloud-based DR with zero RPO & 2 hours RTO. They wanted to archive 25 TB data on cloud & DR for 9 servers. All their engineering workstations with more than 200 GB data, needed to be backed up on cloud and all their user PST as backup.

Business **Solution**

We proposed the following solution:
- A Cloud-based DR with many to one server replication using Double Take DR
- Real time replication of data to Cloud
- 1 Gbps direct connect to AWS for faster replication and quick restoration of data
- Cloud-based backup to AWS S3 for workstations
- 25 TB data archived to AWS Glacier

Process

- Direct connect to VPN with throughput of 1gbps
- Arranged 3rd party replication tool doubletake on AWS server
- 9 server replications on single server
- Via direct connect, tape library data uploaded on AWS server
- Cloudberry backup installation, Backup uploaded on S3

Business **Impact**

Lower TCO for cloud with many to 1 server DR

Zero data loss due to real time replication

Secure connectivity to Cloud with Direct Connect & VPN

Low cost and reliable data storage of compliance data on AWS glacier, customer removed traditional tape based archival to cloud archival

About **cloudxchange.io -** An NSEIT Company

Cloudxchange.io – An NSEIT Company, is an integrated managed services provider for multiple clouds like Amazon Web Services, Azure, Google, and Oracle Cloud. We deliver complete end-to-end managed services from cloud consulting, multi-cloud aggregation, cloud back-up, and disaster recovery to DevOps as a service. We leverage the best technology and provide tailored custom-built solutions to ensure a smooth cloud transformation.

 NSEIT Limited is a digital native global technology company focused on creating tangible business impact with cutting-edge technology solutions and deep domain understanding. For over two decades, our innate drive for excellence has made us the partner of choice for global organizations. At NSEIT, we fuel digital progress.

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