



CASE STUDY **Oil & Gas Vertical**

e&'s Cloud Express ensures high-speed, secure and private connectivity to Microsoft Azure for the oil and gas company. This implementation is beneficial to the customer as it reduces complexities, strengthens security, provides scalability and offers round the clock support.



■ Customer Background

A leading oil production enterprise in the United Arab Emirates (UAE) and among the world's largest oil companies. The organisation operates across the entire hydrocarbon value chain and has more than 15 subsidiary companies in upstream, midstream and downstream stages of production.

Challenges



No systematic governance and management of solutions



Existing architecture was non-compliant with new ICT implementations



Lack of flexibility to scale as per future needs

Today's businesses emphasise greatly on deploying solutions that support their digital transformation journey and complement their long-term technology and company vision. Businesses, no matter small, medium or large, are increasingly adopting cloud and cloud services due to the reduced costs and complexity.

The enterprise customer holds a prestigious reputation as a pioneer in incorporating advanced ICT solutions that are in line with the company's strategies. The oil and gas company had all its native applications hosted on a private cloud, which was costly and required maintenance. Being a large enterprise with enormous data, the company wanted to migrate all the native applications to the Microsoft platform.

As the nature of the cloud migration was large, the company wanted to onboard an experienced managed service provider that could support the transition with minimum downtime and ensure business continuity.

It was highly essential for the enterprise to have a public and private peering with optimal quality in terms of throughput for all business-critical applications to work securely and seamlessly. The oil and gas company didn't have connectivity to a hyperscaler cloud platform and experienced inconsistent performance and high latencies. Being a large enterprise, the company wanted high-quality service levels and systematic management of all solutions deployed.



Solution

e&'s high-quality service levels and expertise in supporting a large-scale migration were the basis for the oil and gas company to join hands with the ICT company.

e& proposed a high-speed, secure and private connectivity service to Microsoft Azure, which is a part of e&'s Cloud Express offering. This service was highly essential for the oil and gas company to connect to hyperscaler clouds. Based on e&'s high-speed MPLS network that supports voice, data, video, and all local and global business applications, the Cloud Express offering made sure all public and private applications run seamlessly ensuring top networking quality.

By using private connections and detouring from the public internet, e&'s cloud migration model assured more reliability, consistent latencies and secure connection to the customer for Cloud Express services.

The direct route model fulfilled the high-bandwidth requirement of the customer and offered the ease of scaling from 40 gigs to 100 gigs. The implementation helped in bridging the gaps faced by the customer and resulted in stable connectivity and low latency among other benefits. The overall project migration and deployment were monitored by a project governance team ensuring smooth project delivery and a comprehensive support model.

Benefits



Project governance

A dedicated project governance team supported timely migration from the private cloud to the hyperscaler cloud. The completion of the project on time resulted in uninterrupted operations without compromising on quality, time and service availability.



Scalability

As the nature of the company is extremely dynamic, the Cloud Express offering supports scalability and allows the customer to scale up and down based on the requirements contributing to long-term agility.



Business continuity

The stable, secure and private connectivity allows smooth data transmission irrespective of an employee's location leading to business continuity and higher productivity.



Single point of contact

With a single partner, maintenance and support will be easier and time-saving. The 24/7 proactive monitoring and support will allow the customer to focus on their core business.

