CALIBER
SOLUTIONS

Case Study Facts

Location: Global

Industry: Energy

Timeframe: 2021

Cost Savings: 42% Reduction in WAN costs

Background

An oil and gas supermajor created a joint-venture partnership with the nation of Qatar to create the world's largest liquefied natural gas (LNG) terminal. A $10B investment set the pace for the project, requiring the new entity to be built from the ground up. The project had an ambitious goal of producing 16 million tonnes per annum (MTPA) of LNG –a day's worth of gas for more than 10 million US homes.

Though being spun off from one of the largest companies in the world, was a completely new and separate entity that would have the same network and security requirements as its parent company but need to meet those demands with a very small workforce. While a massive challenge, the company's IT leadership leveraged the opportunity to create best-in-class, purpose-built solutions, using modern, cloud-based technologies. They engaged two of the largest advisory firms to design a solution and begin implementation. Each provided detailed architectural recommendations, but delivery was plagued by delays. Infrastructure deployment had effectively stalled, threatening the success of the entire project.

Solution

Caliber's advisory services team was engaged to review and optimize the designs provided by the big box advisory firms that weren't delivering. In parallel, Caliber's professional services team began developing a plan to implement a resilient, cloud-first architecture to support the new joint venture. Caliber worked with Microsoft to build an Azure landing zone for the new company, keeping as much of the infrastructure as possible in the cloud. Leveraging relationships with Microsoft, Fortinet, Cisco, and Cato Networks, Caliber was able to get the new infrastructure up and running quickly and build a stable framework on which more layers of capability could be added. By leveraging Caliber's co-sourcing model, the client realized a **42% reduction in WAN costs**.

The new LNG joint venture has followed a cloud-only strategy, made possible by being free of legacy, on-premise platforms, resulting in an infrastructure that is more flexible than more traditional oil and gas companies in the marketplace. The Azure-based infrastructure is extremely agile and has been built from the ground up to quickly respond to the company's business requirements while providing the highest levels of security. As the launch date for the project approaches, the company has a flexible, fit-for-purpose infrastructure that is ready to meet the challenge of becoming the world's largest LNG supplier.