



**BANKING – Middle Eastern Bank**

# High performance network delivers availability, resiliency and speed

## The challenge

An investment banking firm in the Middle East had an older network supported by end of life (EOL) and end of support (EOS) equipment that was becoming slower, less available and more expensive to maintain. It also lacked the availability, resiliency, configuration management, security, stability and cost efficiencies that were required for the future. The company was looking for a network strategy and solution that would ensure compliance, reliability and speed as well as visibility into all aspects of their network.

## The approach

Cognizant began by performing a network infrastructure assessment to identify the EOL/EOS network equipment. This included a review of past network failures and outages to identify pain points and recommendations on how best to address these issues through the adoption and execution of a five-year network infrastructure strategy.

We provided a phased approach. Phase 1 focused on updates to the most deficient networks to bring them up to current best practices and standards. This was consistent with the business requirement to maintain budgetary discipline. Phase 2 and 3 of the network strategy were self-funded through the cost savings achieved during the Phase 1 activities.

Cognizant's deliverables included a recommended network strategy, the identification of remediation and hygiene activities as well as an end-to-end high-performance network design. This design included network architecture recommendations that focused on delivering better availability, resiliency, security and data transmission speed.

## Cost savings and a vision for the future

Our banking customer now has accurate visibility into the network infrastructure and reduced OPEX costs associated with the operation of their network. The use of AI/ML techniques automated network operations and deployed cloud-based network services to support auto-scaling of network services.

They also deployed appropriate management tools to estimate network capacity growth in real-time and to enable their organization to scale to meet their needs on demand. The tools also flag problematic and costly areas of the network so that quick action can be taken to remediate issues as they arise.

**100%** accurate view of operational state and costs

**Identifies** deficient and expensive networks

**Pinpoints** business growth opportunities

**Alerts** to problems that need to be fixed in real time

## About the Partnership

Cognizant (Nasdaq-100: CTSI) is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. We engineer modern businesses to improve everyday life. Our unique industry-based, consultative approach helps clients transform technology, re-imagine processes, and transform experiences ensuring businesses remain agile, relevant and ready to run more innovative and efficient enterprises.

With AWS as our partner, we focus on the outcomes that matter most to businesses and underpin our solutions with deep industry experience and market-leading IP. Cognizant has more than 12,000 trained AWS practitioners, more than 6,000 AWS certified professionals, dedicated AWS certified consultants in 43 countries, hundreds of customer launches, and successes, and more than 70 transformational blueprints to drive innovation beyond cloud migration.

As a premier consulting partner, Cognizant hold numerous AWS competencies, including AWS Mainframe Migration, AWS SAP, AWS Migration, AWS Financial Services, AWS HPC, AWS Healthcare, AWS Life Sciences, AWS ML and MLOps, AWS Security and AWS Travel and Hospitality. Partner programs include AWS Well Architected, AWS Managed Service Provider, AWS Marketplace Seller, AWS Solution Provider Program, and AWS Public Sector Solution Provider.



Cognizant (Nasdaq-100: CTSI) engineers modern businesses. We help our clients modernize technology, reimagine processes and transform experiences so they can stay ahead in our fast-changing world. Together, we're improving everyday life. See how at [www.cognizant.com](http://www.cognizant.com) or [@cognizant](https://twitter.com/cognizant).

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