

A photograph of a man and a woman in a server room. The man, wearing glasses and a light blue shirt, is pointing at a laptop held by the woman. The background shows rows of server racks with blue lighting. The image is overlaid with a large circular graphic that is purple on the left and teal on the right.

# Enabling data center consolidation and seamless cloud migration

A decorative graphic consisting of two overlapping circles, one purple and one teal, positioned to the left of the text.

## Customer **overview**

The customer is a Fortune 200 enterprise

[Idea](#) | [Discovery](#) | [Execution](#) | [Acceleration](#)

## Customer's **challenge**

The enterprise, managing 8 data centers, faced challenges with **aging infrastructure, reliability issues, and complex network topology**. Scalability required huge capital investment and high cost of operations. A comprehensive cloud migration strategy was imperative to reduce data center footprint and consolidate services without compromising customer-facing performance across core services

## Our solution



Analyzing the application architecture, data flows, and performance considerations to come up with a **hybrid model** by identifying those services that could be moved to the cloud and those that needed to stay on-premises



Formulating an **execution strategy/plan to migrate selected services to the cloud** - the plan included provisioning/costing of cloud resources, infrastructure setup, and application software modifications



Identifying **4 data centers to be shut down** and coming up with a **phased execution strategy** for the consolidation and closures



## Business impact

### Decreased application outages

- Increased application reliability without sacrificing customer-facing performance across core services

### Managed cost of operations

- The strategy led to lower capex for expansion
- Decreased cost of data center operations and maintenance

### Increased operational efficiency

- Reduced operational efforts in the management of data centers