nomiso

Enabling data center consolidation and seamless cloud migration

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

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

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

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