Migration of a Supply Management Application
for Better Scalability and Increased Availability

Client overview:

The client is a multinational corporation, headquartered in Germany. It is one of the largest manufacturers of sports equipment in the world. The client's revenue in 2018 was listed at €21.915 billion.

Problem statement:

The client needed to migrate their supply management application from On-Prem to AWS. Given that the client has a large footprint in AWS, the below factors were considered for migration.

- **Cost** – Costs involved are considerably less, compared with On-Prem

- **Availability** – Easy to integrate with other client applications and data

- **Support** – Vendor app support is easier in AWS compared to On-prem

- **Governance** - Stakeholders and support teams can easily manage and monitor

Solution:

Based on the client's problem statements, Mindtree engineered a solution, comprising aspects such as employing a Lift and Shift strategy, application monitoring and others, with the aim to mitigate them. Below are the key highlights:

- Lift and shift migration strategy employed

- Created Test and Prod environments

- Created EC2 and RDS services

- Created S3 buckets for data and backups

- Integration between On-prem FTP server and AWS S3

- Application monitoring using Zabbix tool

- Configured backups and archival

- Created Cloudtrail and Cloudwatch metrics and alarms

- Security compliance configuration carried out in AWS as per the client's standards

Business benefits:

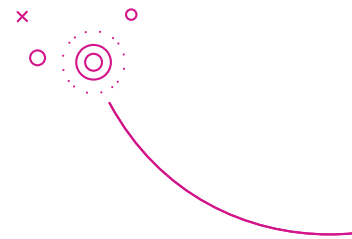Mindtree's comprehensive solution helped the client with many benefits. These include:

Easy to use - Quickly host applications on On-prem, with ease of access to support services

Cost-effective - Paying based on resources usage

Reliable - High availability and Dev/Test environments are added advantages for reliability

Scalable and high performance - The application can scale up/ down based on demand

Secure - End-to-end approach to secure and harden the infrastructure

About Mindtree

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