Case Study

CRDMS App Migration on AWS Cloud for **Global Machinery and Industrial Product Manufacturer**

Executive Summary

LTIMindtree has been engaged with clients for the cloud migration of their entire CRDMS application, leveraging AWS platform services. LTIMindtree provided a high availability and fault-tolerant hybrid solution, which was cost-effective compared to traditional on-premises server hosting. The solution enabled easy access to the document management system by providing data and application security. This accelerated cloud migration and deployment, enabled through process optimization and scalability.

Client

The client is a US-based global manufacturer of lifting and material handling solutions for various industries, including construction, infrastructure, quarrying, recycling, energy, mining, shipping, transportation, refining, and utilities. The company's major business segments include aerial work platforms, construction, cranes, material handling and port solutions, and materials processing.

Challenges

- Being a Document Management System, it needs a largely reliable, highly available, and durable file store and easy ways to access applications and file servers

- Large database and file storage migration(2TB)

- Cheap SMTP for email exchange

- Data and application security

- Lower infrastructure cost

LTIMindtree Solution

As a part of migration implementation, LTIMindtree provided a holistic solution leveraging AWS platform services.

- Extremely cost-effective compared to the traditional on-premises server hosting

- It uses EC2 cluster with Elastic Load balancing and Managed DB cluster

- AWS S3 is used to store 2 TB data size. Data Migration has been done using AWS APIs and DMS services

- Built-in high availability and fault tolerance

- VPN tunneling from client's data center to AWS makes it a Hybrid solution

Business Benefits

- It significantly helped in **reducing overall operation costs** and overheads

- **Technology enabled** process optimization and scalability

Why AWS

The vast AWS global infrastructure was one of the primary reasons for choosing AWS. Using AWS services, LTIMindtree could leverage reliability and scalability for their applications, which can then directly contribute to amplify business outcomes. The ability to rapidly provide storage and networking infrastructure at a lower cost, helped the customer to reduce TCO in maintaining engineering drawing of terabytes of data.

Why LTIMindtree

LTIMindtree, as an Advanced Consulting Partner, is one of the foremost system integrators in the data and application migration to AWS Cloud. Our cloud professionals are equipped with deep technical and domain skills, capable of providing value-added services to customers across the globe.

About LTIMindtree

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 82,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit https://www.ltimindtree.com/.