



Let's Solve



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



Executive Summary

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

Client

The client is an US-based global manufacturer of lifting and material handling solutions for a variety of 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 & port solutions and materials processing.

Challenges

- Being Document Management System, it needs Large reliable highly available and durable file store. Also, easy ways to access application and file server
- Large Database and file storage migration(2TB)
- Cheap SMTP for email exchange
- Data and application Security
- Lower Infrastructure cost

LTI Solution

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

- Extremely cost-effective compared to the traditional on-premises server hosting.
- It is using EC2 cluster with Elastic Load balancing and Managed DB cluster.
- AWS S3 is being 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 Hybrid solution

Business Benefits Delivered

- It significantly helped in **reducing its overall operating 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, LTI 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 lower cost, helped customer to reduce TCO in maintaining engineering drawing of terabytes of data.

Why LTI

LTI, 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.

LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions company helping more than 360 clients succeed in a converging world. With operations in 30 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivaled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 30,000 LTItes enable our clients to improve the effectiveness of their business and technology operations, and deliver value to their customers, employees and shareholders. Find more at www.Ltinfotech.com or follow us at @LTI_Global