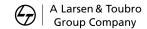# Global Data Platform on AWS reduces Server Management & Support Costs for **Global Manufacturing Company**

Client

Our client is a US-based global manufacturer of lifting and material-handling plant for a variety of industries, including construction, infrastructure, quarrying, recycling, energy, mining, shipping, transportation, refining and utilities.

Challenges

The client, being a top global manufacturer brand, needed to have a unified data platform that can enable next-gen technology to implement robotic process automation and deliver better quality. The challenges were:

▶ Lack of a unified data warehouse that will make data more accessible and generate more gainful insights.

▶ Large IT spends ineffective and incompatible with next-gen technology slowing the technological growth and profits.

LTI Solution

LTI designed a detailed cloud solution for the client's application portfolio. Also, we held various workshops and discussions with the client to understand them better and to bring out the hidden pain points to solve for them. LTI helped the organization by:

▶ Leveraged RDBMS service on AWS–PostgreSQL – **for storing replicated EBS data**.

▶ AWS DMS service used to **perform real-time data replication** between Oracle DB and AWS.

▶ AWS SCT used to convert schemas matching with **destination cloud database**.

▶ Performed **Downstream impact analysis** for Oracle proprietary SQL migration to ANSI compatible SQL and carried out remediation activities.

▶ **Leveraged LTI's MOSAIC Decisions for data orchestration,** curation, transformation and future Analytics-led use cases.

▶ Implemented solution helped in **accelerating decommissioning of existing ADG and Reporting Server.**

Business Benefits

Cloud migration and other services are making it possible for the client to access next-gen tools, data, and cloud capabilities such as provisioning new infrastructure to experiment with new products or customer solutions, ensuring they are ahead of the competition. Benefits include:

Seamless Migration with Complex data:
100 TB+ expected end state data volume.

Accelerated Migration:
~15x acceleration in the migration process was witnessed.

Faster insights:
70-80% reduction gained in the report generation time.

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