



Case Study

Snowflake (On Azure) Migration for Contractor Data Management system

Client

Our client is a US-based multinational oil and gas corporation.

Business Challenges

The client wanted to

- ▶ Create comprehensive reporting for all non-process-related transactional manufacturing data that does not exist today.
- ▶ Leverage a data repository to serve as a one-stop-shop for analytics & reporting.
- ▶ Centralize global reporting for all sites, instead of maintaining reporting for each site
- ▶ A modular and scalable data mode to minimize the cost of ownership and reduce IT spend on data consolidation.

LTI Solution

- ▶ Created a data model in-lined with the client's strategic roadmap for Azure cloud migration.
- ▶ Created a data model that can accommodate future integration of SAP data in CDMS reporting.
- ▶ Created a new UI to easily conduct health checks across all sites.
- ▶ Cost savings due to change in design approach from on-prem SQL Server to snowflake – USD 45M/year starting from 2023.
- ▶ Created automation script for building wrapper view on top of the raw layer which reduces manual efforts.

Business Benefits

55% reduction in efforts for data consolidation which is done currently by swapping tools

95% reduction in efforts by an automated creation of wrapper views

Created an Azure cloud data repository as a one-stop-shop for analytics & reporting of non-process related manufacturing work

Eliminated the need of swapping between tools to run queries. – SQL-Server, MS Access, Tableau

Eliminated constraints around the processing of large volume data for doing system and health checks

LTI (NSE: LTI) is a global technology consulting and digital solutions Company helping more than 485 clients succeed in a converging world. With operations in 33 countries, we go the extra mile for our clients and accelerate their digital transformation journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivalled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 45,000 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 <http://www.Lntinfotech.com> or follow us at @LTI_Global.

info@Lntinfotech.com



A Larsen & Toubro
Group Company