Case Study

Successful Migration of Upstream Users to Cloud-Native Environment Hosting Petro-Technical Applications for US- Based O&G Major

Client

The client is a US Based Top five Integrated Oil and Gas supermajor, with operations spread across the globe.

Challenges

The client was looking for a partner with technical domain expertise to help in migrating the data and developing workflows for transferring data from existing systems to cloud environment. This covers all the aspects of data management that will be required to implement petrotechnical applications in a manner that will allow for the liberation of data and interoperability of applications.

LTIMindtree Solution

- LTIMindtree supported data migration process for transferring the data from an existing application to cloud Petrotechnical applications by defining data quality rules like data audit, data consistency, and reporting the migrated data.

- LTIMindtree developed solutions to transform the data, layouts, and graphs from the existing applications to cloud-native Petrotechnical applications.

- Conducted QA/QC of the migrated data by developing the data audit, data consistency, and reporting the migrated data.

- Tested the functionality of the data migrated in the Petrotechnical applications.

Business Benefits

- Eliminated the data in silos from domain teams, which led to transforming the entire oil and gas value chain for better decisions and improved efficiency.

- Integrated data solution for accessing all the data types from Petrotechnical applications eliminating the costly data migration process.

- Data is qualified and is interoperable from various Petrotechnical applications, which accelerates quality decision-making in enhancing the E&P business strategies.