Case Study

Maximo Upgrade for Leading US-Based Shipping Company

Client

The client is the world's leading shipping company based in the US. The client is an industry leader in safely and is reliably transporting crude oil, liquefied natural gas (LNG), and refined products.

Challenges

Transportation companies have multiple moving assets spread across multiple locations, along with vehicles/vessels with defined timelines. Enterprise Asset Management is must for such organizations. The client wanted to introduce industry-specific solutions available in IBM Maximo, along with heavy customization and automation, which could optimize the business operations and reduce overheads.

In addition to the major challenges, the client also required a solution for below activities:

- HQ/Production go-live and rollout of 30 vessels
- Deployment of latest EAR (Enterprise Application Archive) file and configuration setup
- Carry out Maximo upgrade from the latest version available
- Perform data migration and validation
- Provide post go-live support

LTIMindtree Solution

LTIMindtree proposed the client to initiate the project with available upgrade of IBM Maximo and then extend it to desired customizations and introduce Automation. With LTIMindtree's experience, a well-defined plan was designed focusing on bringing innovation and automation. With proprietary solutions of LTIMindtree, complexities were reduced, and the project was executed with almost zero downtime.

Below activities were performed in the project :

- Requirement gathering and designing; mapping the requirements with Maximo's latest available version

- Fit Gap Analysis

- Upgrade plan from existing to latest available version through automation scripts

- Complete installation and configuration to execute upgrade utility

- Integration with SAP, Unit testing, and integration testing and UAT

- Post go-live support for four weeks, along with providing managed services

Business Benefits

- 11-13% reduced registration of downtime parameters of Maximo work orders

- Improved performance

- Increased efficiency

- Standardization of reports

- New look and feel with advanced features

- Unified system