



Case Study

Consulting Services for Leading Oil and Gas Company

Client

The client is a Fortune 500 company, one of the largest producers of NGLs, and one of the largest natural gas processing companies in the US.

Challenges

The oil and gas industry operates within complex global and local frameworks. Additionally, the ever-changing regulatory frameworks imposed by different national governments also increases the complexity and risk of the business operations.

To ensure smooth operations, the client had to tackle following challenges:

- Careful assessment of more than 60,000 existing job plans from multiple disciplines
 - Understanding the requirement of job plan fields for Maximo7.5 and creating job plan templates/tables
 - Identifying and collecting missing data for job plan fields from multiple sources
 - Analyzing and refining collected data for creating more enriched job plan having all the necessary information required to execute maintenance work efficiently
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LTIMindtree Solution

LTIMindtree proposed a solution integrated with Maximo asset management, which provided the client with a structured methodology of creating, operating, maintaining, and decommissioning assets in a cost-effective way.

The solution:

- Created discipline-wise generic job plan task list
- Validated contents of task list from the client's SME
- Extracted missing data from disparate systems
- Coordinated with various parties to capture data on material, services, and special tools
- Supported the client's existing Maximo applications
- Reduced cost and facilitated and automated common processes

Business Benefits

With LTIMindtree's proposed industry-specific solution, the client was able to:

- Standardize job plan task list contents
- Improve maintenance job plan by 20-23%
- Ensure data availability in ERP/EAM solution
- Help in planning and providing logistics of OEM, third-party services
- Track and manage resources
- Create knowledge repository

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