

## Case Study

Automated Solution Improves Workforce Productivity for Leading **US-based Oilfield Services Company**

## Client

The client is one of the world's largest energy companies providing exploration and production services to the upstream oil and natural gas industry.

## Challenges

- ▶ Lack of SAP Standard Workflows in the ARO (Asset Retirement Obligation) product add-on for decision-making before retiring long-lived capital ARO assets.
- ▶ Limitation of second currency posting for non-US-based companies in the standard SAP ARO product add-on.
- ▶ Manual and tedious process of monthly reconciliation of accretion postings (a patchwork of accruals) and recurring documents to offline spreadsheets.
- ▶ Migrating open in-flight AROs to a production environment due to complex table structures, templates, and field mapping procedures in SAP.



## LTIMindtree Solution

- ▶ Developed custom workflows for the multi-level approval process to enable faster decision-making in the SAP ARO solution. The workflow approval process will release ARO transactions without manual intervention, enabling automated accounting entries.
- ▶ Enhanced the solution to resolve the ARO exchange rate limitation for non-US-based company codes.
- ▶ Proposed the creation of automated batch jobs for monthly accretion/accrual postings.
- ▶ Set in place standard operating procedures and template guides to enable the client's IT team to fill in the relevant information. These details were filled into the migration upload templates provided by SAP regarding the asset master data, cost-object values, currency, accrual, and cashflow values.

## Business Benefits

**80%**

increase in efficiency due to **Custom workflow** implementation in SAP ARO approval process.

**\$0.5 million**

(Year-on-Year) potential savings for the business by eliminating the limitation of second currency posting for non-US-based companies.

**100%**

increase in accuracy in automated batch jobs creation for monthly accretion/accrual postings.

**40%**

savings in time and effort through streamlining legacy data transfer process for approximately 86 in-flight AROs.

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