

Case Study

**Enterprise Project
Management
Implementation
for Leading Oil
and Gas Major**

Client

The client is a Saudi Arabian national petroleum and natural gas company based in Dhahran, which operates the world's largest single hydrocarbon network, the Master Gas System. It manages over 100 oil and gas fields in Saudi Arabia, including 288.4 trillion standard cubic feet (scf) of natural gas reserves. They operate the Ghawar Field, the world's largest onshore oil field, and the Safaniya Field, the world's largest offshore oil field.



Challenges



Absence of comprehensive project planning and Front-End Loading (FEL) deliverables processes.



Poor project team collaboration; time-consuming approval processes and manual phase progress and reporting.



No single version of truth for phase progress reporting.



Decision-makers struggling for information for proactive decisions.



Lack of collaboration between Proponent, FPD, PMOD resulting in FEL stage delays.



Poor visibility into risk factors.



Absence of dashboards, planning KPIs for review and monitoring.



Poor inter-departmental communication—Facilities Planning Department (FPD), Project Management Office Department (PMOD)—with other project management departments, resulting in portfolio delays.



LTIMindtree Solution

- Workshops for as-is, blueprinting, and roadmap for FEL business process deliverables during project planning phases

- Extended Primavera Unifier functionality to include the FEL processes along with execution processes in Primavera P6, Primavera Unifier

- Unifier Single Platform as an automated project business process and workflow management

- Implemented 75 business processes and workflows for FEL, Value Assurance processes, and Project Creation integration processes

Business Benefits



Effective project planning and control through Primavera Unifier.



Provided clear visibility and tracking of project planning phase deliverables.



Improved FPD, CPED, PMOD communication and project team collaboration.



Delivered project creation and SA organization hierarchy enhancements.



Automated deliverables progress reporting for FEL1, FEL2A, and FEL2B phase progress reporting.



Tracked all the FEL deliverables progress through automated business process deliverables.



Ensured all deliverables once prepared are stored centrally in Primavera Unifier document manager repository.

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