

CUSTOMER CASE STUDY

UNIFYING ENGINEERING CONTROL FOR A GLOBAL ENERGY MAJOR

Managing multi-billion-dollar projects across continents, a global oil and gas operator faced inconsistent document practices that slowed approvals and risked compliance breaches.

Assai DMS introduced one governed standard for engineering documentation, reducing administrative effort, ensuring global compliance, and giving every project team real-time visibility across the enterprise.

CHALLENGE

Operating across continents meant balancing local regulations, contractors, and compliance demands.

- Regional document systems and inconsistent workflows
- Duplicate documents and uncontrolled revisions across assets
- High audit pressure and varying compliance requirements

The organization needed a single system that standardized processes globally while adapting to local rules and project structures.

RESULT

Area	Outcome
Document approval cycles	↓ 70%
Compliance deviations	↓ 80%
Audit preparation effort	↓ 60%
Return on investment	< 12 months



THE ASSAI SOLUTION

Deployment was completed across multiple regions within nine months, aligning thousands of users on one controlled process. Built on a long-standing partnership, Assai DMS was implemented in phases across regions, evolving with the client's standards and regulatory needs.

Key capabilities:

- Unified, cloud-based environment supporting multi-project structures
- Automated workflows for document revision, approval, and transmittal
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- Configurable metadata and access rights for regional teams
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- Centralized audit trail and MDR functionality for full traceability
- Integration-ready design connecting with ERP and engineering systems

PROJECT INSIGHT

Standardization with Assai DMS gave the organization one language and one process for document control across all projects improving transparency, collaboration, and audit readiness worldwide.

STRATEGIC VALUE

Assai DMS establishes a unified standard for engineering documentation that underpins every capital project within the enterprise.

By harmonizing workflows and compliance rules, the company reduces risk, simplifies audits, and accelerates decision-making across global operations. The system also provides the foundation for future integration with Digital Twin and advanced analytics platforms, ensuring lasting value and innovation.