

# 3 Ways to Build Resilient Oil & Gas Operations

## The Energy Imperative

Oil & gas companies face a number of mission-critical challenges, including:

- Asset Integrity Under Extreme Conditions:** High-pressure, corrosion-sensitive assets demand rigorous inspection and monitoring to prevent failures, leaks, and safety incidents.
- Unplanned Downtime & Cost Escalation:** Aging equipment and unpredictable failures drive production losses and rising Opex, making reliability a persistent challenge.
- Data & Compliance Complexity:** Inconsistent asset information and burdensome regulatory requirements create compliance gaps and hinder lifecycle cost control.



Embracing end-to-end project and asset lifecycle management powered by Industrial AI™ delivers control, agility, and insight across the entire oil & gas value chain.

## IFS Built for Oil & Gas Complexity

IFS partners with leading energy organizations worldwide, including Upstream exploration and production, Midstream transportation, or Downstream refining and distribution - Ensuring seamless digital continuity from asset creation through operations to end-of-life replacement with data-driven decision making and value-optimization.

### 1 Complete Asset Lifecycle Management

- Unified maintenance, supply chain, compliance, and cost tracking
- Embedded Industrial AI for intelligent operations and predictive insights
- Integrated sustainability and ESG modules

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#### Benefits

- Improved asset reliability and extended asset life
- Reduced downtime and enhanced efficiency with real-time visibility
- Smarter decision-making and operational agility
- Single source of truth for onshore and offshore operations
- Supports transition to sustainable operations

### 2 Effective Project Financial Control

- Integrated project financial control and asset management
- Enterprise resource planning for complex projects, global finance, and supply chains

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#### Benefits

- Single source of truth for costs, production, and partner obligations
- Improved control, governance, and profitability
- Reduced project and business risk
- More informed, timely decisions

### 3 Capital Project & Asset Investment Planning

- Supports capital project management and maintenance planning
- Ensures asset investment prioritization based on risk, cost, and performance

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#### Benefits

- Smarter CapEx decisions
- Optimal investment plans to drive strategic goals
- Proactive risk management across diverse assets
- Agile planning in a dynamic environment

## Strategic Outcomes for Oil & Gas Leaders



#### Future-Proofing

IFS' composable architecture allows organizations to start with the capabilities they need and scale as business evolves.



#### Operational Excellence

By unifying critical processes and data, IFS empowers leaders to optimize uptime, reduce risk, and grow project margins.



#### End-to-End Control

From land and asset management to finance and field operations, IFS connects the business for seamless data flow and decision-making.



#### Sustainability Leadership

Integrated ESG and sustainability tools position companies to meet stakeholder expectations and regulatory demands.

## Take control of your operations and future-proof your business with IFS



IFS delivers the technology foundation for complete asset lifecycle across the value chain, driving operational excellence, and enabling intelligent, sustainable oil & gas operations.

[Find out more](#)

#### About IFS

IFS is the world's leading provider of industrial AI and enterprise software for hardcore businesses that make, service, and power planet. The industry expertise of our people and of our growing ecosystem, together with a commitment to deliver value at every single step, has made IFS a recognized leader and the most recommended supplier in our sector. Learn more about how our enterprise software solutions can help your business today at [ifs.com](https://ifs.com).