

# Planning & Scheduling Optimization: Top 5 Use Cases for Upstream Oil & Gas Companies

Proactively maintain critical equipment,  
save time and money, and optimize  
production with IFS



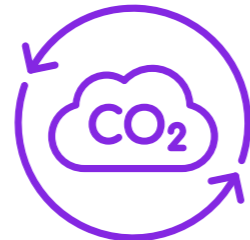
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# Upstream Oil & Gas



## Global upstream cash flow

Predicted to decline by 9% in 2023<sup>1</sup>



## 5.1 billion tons of CO<sub>2</sub>

From production, transport, and processing of oil and gas<sup>2</sup>



## \$500,000/hour

Cost of downtime within the Oil & Gas industry<sup>3</sup>

Exploration and production (E&P) companies globally rely on IFS to respond proactively to industry challenges in 2023 and beyond.

IFS Planning and Scheduling Optimization restores order to the chaos, providing meaningful cost savings and efficiencies across the operation.

1. [WoodMac: Global upstream challenges to compound in 2023](#)

2. [International Energy Agency](#)

3. [Brüel & Kjær Vibro: The Cost of Machine Downtime](#)



## #1 Use Case:

# Scheduling people and resources for offshore operations

Operators in the middle of the ocean depend upon boats and helicopters for the transport of people, supplies, and equipment. Each platform focuses solely on its own production, reacting to operational issues as they arise.





**Fewer  
trips**



**Reduced  
costs**



**Lower carbon  
footprint**



## #2 Use Case:

# Planning and scheduling maintenance for land-based operations

An E&P company in the Permian Basin in Texas has hundreds of pump jacks pushing waste water into tanks to maintain well productivity. Water trucks arrive daily to offload the water and crews attend to maintain the equipment.



**Optimized  
productivity**



**Minimal  
downtime**



**Increased  
profitability**

## #3 Use Case:

# Planning and scheduling well servicing operations

An E&P company contracting multiple rigs in the Permian Basin has requested an increase in drilling rate.



**Faster  
response  
times**



**View into  
Inventory &  
Replacement  
Options**



**Minimal  
downtime**



## #4 Use Case:

# Planning materials and parts for preventive maintenance

A well owner must replace pump bearings every year. This is a routine task within the company's preventive maintenance plan. The work is generally scheduled two weeks in advance.



**Efficient  
parts  
inventory**



**Minimal  
downtime**



**Lower  
costs**

## #5 Use Case:

# Scheduling predictive and preventive maintenance together

An E&P company with sites in Europe and Africa schedules regular maintenance cycles for its equipment. When unplanned downtime occurs, additional service calls are required to restore production.



**Fewer  
service calls**



**Lower  
costs**



**Optimized  
productivity**



# IFS Planning and Scheduling Optimization Proof Points

IFS Planning and Scheduling Optimization delivers quantifiable results:

**-35%**

Travel Time  
Reductions

**+81%**

SLA Compliance  
Improvements

**+10%**

Improved FTFR  
(First-Time-Fix-Rate)

**+24%**

Jobs per day

**-49%**

Subcontractor  
Spend

**+300%**

Techs: Scheduler  
Ratio

**-76%**

Average cost  
per job

**99%**

Scheduling  
Automation

# IFS Planning and Scheduling Optimization for Upstream Oil and Gas

E&P companies face increasing pressure to remain profitable as the industry undergoes significant change. With IFS, downtime is minimized, critical equipment is proactively maintained, and production is optimized, allowing upstream oil and gas companies to meet (and even exceed) their commitments to investors, customers, and the planet.

Contact an IFS specialist today or

[Visit our Website](#)

for more  
information



## About IFS

IFS develops and delivers enterprise software for companies around the world who manufacture and distribute goods, build and maintain assets, and manage service-focused operations.

Within our single platform, our industry specific products are innately connected to a single data model and use embedded digital innovation so that our customers can be their best when it really matters to their customers—at the Moment of Service.

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.

Our team of over 5,500 employees every day live our values of agility, trustworthiness and collaboration in how we support our 6,500+ customers. Learn more about how our enterprise software solutions can help your business today at [ifs.com](https://www.ifs.com).

**#MomentOfService**

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