

# IFS Solutions for Operators in the Energy Sector



Most energy operators are re-shaping organizations and their asset portfolio to meet climate change requirements and growing customer demands. The majority moving away from the traditional approach of being vertically integrated in the sector, and a changing landscape of their asset portfolios becoming more diversified. We see traditional oil & gas players expanding into production of renewable energy using sun, wind and water. In offshore wind we have seen several joint ventures being created between oil & gas majors and energy firms globally. This is a clear sign that large organizations are not just focusing on the balance sheet but also how they are perceived by investors and customers alike, with everyone focusing on an organizations' Environmental Social Governance (ESG) metrics.

To succeed in their transition, organizations must face these key challenges:

- Making the assets smarter by leveraging data from assets, and using disruptive technology such as Internet of Things (IoT), artificial intelligence, big data analytics, cloud technology and predictive maintenance.
- Being flexible and agile in managing a diverse asset portfolio and working with service providers and their teams efficiently.
- Having tools to manage both large, complex projects but also running smaller scale renewables projects.
- Mitigating risk by managing the knowledge transfer gap due to an aging workforce.

Embracing the utilization of technology to inform and support decision making will enable organizations to achieve operational excellence.

IFS software supports all the business-critical processes that enable an energy organization to digitally transform their operations across different assets to deliver business value in an evolving market.



## IFS Cloud for Energy Operators

IFS Cloud uniquely combines a composable, native enterprise asset management (EAM), field service management (FSM), mobile workforce management (MWM) and enterprise resource planning (ERP) solution tailored to the needs of the Oil & Gas sector. Leading capabilities for asset lifecycle management, linear assets, offline remote assets, AI scheduling and optimization, address the complex needs of organizations whose businesses revolve around assets, projects, and service, culminating in the ability of bringing your assets to life wherever they are.

### Enterprise Asset Management

IFS Enterprise Asset Management (EAM) Cloud gives you what you need to manage your full asset lifecycle, helping you to reduce the cost of managing your assets and asset information. It provides powerful tools to deliver reliability-centered maintenance, preventive maintenance, workforce management, capital project management, overall equipment efficiency and mobility. Including maintenance inventory, document and contract management, engineering and finance, IFS EAM offers business continuity in the face of disruptive change and unlocks the opportunities for energy industry. IFS enables you to monitor asset health and performance to ensure asset uptime and reduced outages / maintenance time.

### Enterprise Resource Planning

IFS Enterprise Resource Planning (ERP) Cloud enables you to exploit a fast-paced, digital, service-driven world. It delivers individualized offerings with best-in-class functionality across Finance, Human Capital Management, Customer Relationship Management, Supply Chain Management, and more. It includes powerful functionality for discrete, process and multi-mode manufacturing, as well as complex project and service management, across a wide range of industries.

## IFS Differentiators

1. Support for the energy operators' business model within exploration and production, utilizing project and deep asset management functionality, supply chain and financial management. IFS cloud also supports offline capability for remote assets.
2. Support for resource planning, and logistics for projects such as rebuild and large modification works.
3. Compliance with industry standards such as ISO 14224 and ISO 55000.
4. Support for offshore logistics and repairs between assets and shore.
5. Integration of IoT and sensors to reduce operational cost and move people onshore.



## How IFS brings value to the energy industry?

Organizations operating in the energy industry face the challenges to manage a mix of assets, being agile and having the right tools for project management. IFS enables energy organizations to increase team efficiency while responding to these challenges.

With IFS, our customers have achieved:

- Smarter assets by using disruptive technology such as sensors and IoT.
- Strong asset management with support for ISO 14224 and asset design.
- Complete project lifecycle support.
- Deep oil & gas industry functionality that reduces customizations versus standard ERP offerings.
- A single source of truth for onshore and offshore business with an inbuilt data replication engine.
- Compliance with local and international regulations including Brazil and Nota Fiscal.

## Customer Stories



EDF Renewables UK Chooses IFS Cloud™ To Power Ambitious Growth Plans



Endeavour Energy Resources: IFS facilitates business growth across both field service and manufacturing operations

### Find out more

Further information, e-mail [info@ifs.com](mailto:info@ifs.com), contact your local IFS office or visit [ifs.com](https://www.ifs.com)

IFS develops and delivers cloud enterprise software for companies around the world who manufacture and distribute goods, build and maintain assets, and manage service-focused operations. 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://www.ifs.com).

