

IFS Solution for Power Generation Industry



The transition to a greener energy mix is well established and seen across the globe today. Renewable energies are no longer a plan for the future, they are a reality that already makes up a significant portion of our energy supply. To compete and respond to climate change, power generation companies are diversifying their portfolios and investing new generation technologies to lower the carbon intensity of the energy produced. But this introduces fresh business management challenges alongside traditional methods of power generation, driving companies to embrace new business models. Implementation of the right technology solutions will be crucial to support the success of these diversification strategies.

Joint ventures are becoming more common in the power generation industry, as businesses look to expand their capabilities, diversify into new technologies, as well as manage the development and construction risk of such large infrastructure.

In addition, renewable energies require a more service-centric business model than traditional fossil fuel power stations. This means a business must maintain aftermarket contracts with OEMs to manage servicing or become more service-oriented and manage their own assets, bringing significant organizational and cost implications.

Technology can assist at every stage of the asset life cycle from development to de-commissioning, applying the same principles to whatever the diversification of your asset portfolio looks like enables organizations to better understand their assets, make data informed decisions and ultimately improve their risk management at every step of the asset life cycle.

With specific industry focus, IFS software supports all the business-critical processes that will enable your organization to digitally transform operations—across assets, projects, and service—to deliver value in an evolving market.



The IFS solution

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 power generation sector. Leading capabilities for asset lifecycle management, linear assets, offline remote assets, plus 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

Enterprise Asset Management (EAM) in IFS 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.

Enterprise Resource Planning

Enterprise Resource Planning (ERP) in IFS 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 complex project and service management, across a wide range of industries

Service Management

IFS Service Management is the most powerful service planning, tracking, and optimization solution available. It enables and maximizes profitable service-based revenue streams within a single platform by combining leading field service management functionality, including complex asset management, scheduling optimization and mobility, with enterprise class ERP capabilities, such as supply chain management, human capital management and global financials.

How IFS brings value to the power generation industry?

Organizations operating in the power generation industry face common challenges in integrating disparate operations in complex business environments and a diversifying asset portfolio.

With IFS, our customers have achieved:

- Maximized asset uptime
- Enhanced efficiency
- Better project control and visibility
- Easier to access and analyze information
- More accurate decision-making
- Reduced customization
- Compliance with local and international regulations

IFS differentiators

- IFS software is built for your industry. So, it's ready to support your new business challenges without the need for extensive customization.
- Resource planning and demand forecasting for short, multi-day, outages, and long-term projects to optimize resources and shifts.

- Integration of IoT and sensors to extend the lifecycle of assets and reduce maintenance downtime.
- Integrated GIS and AVL data to provide unparalleled situational awareness for office and field users.
- Compliance with industry and environmental, health and safety regulations and permit requirements.

Discover why our customers selected IFS



EDF Renewables UK chooses IFS Cloud™ to power ambitious growth plans



IFS to empower Stockholm Exergi with an industry-leading cloud platform unifying their assets, people and work processes



IFS helps SDIC Qinzhou Electric Power integrate operations and reduce operational costs by 20%

Find out more

Further information, e-mail info@ifs.com, contact your local IFS office or visit 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.

