

IFS APPLICATIONS™ FOR

ENTERPRISE ASSET MANAGEMENT



IFS DELIVERS

TRUE BUSINESS AGILITY

The most successful enterprises know how to adapt to, and embrace, what's next in their market. IFS Applications™, IFS Field Service Management™, IFS Enterprise Operational Intelligence™ and IFS Maintainix® help make our customers' businesses so agile they can view what's next not as a threat to be managed but an opportunity to be seized.

IFS SOLUTIONS:

- Are built on industry standards, so you aren't locked into a proprietary technology
- Have a modular architecture so you can quickly add, adapt, scale and integrate as you need to
- Are so user-friendly you will be using the rich functionality in no time
- Offer you greater visibility into your business to spot what's next early
- Give you greater knowledge of how your business needs to adapt
- Provide greater flexibility to take the necessary action to make change happen



TURNING CHALLENGES INTO PROFITS

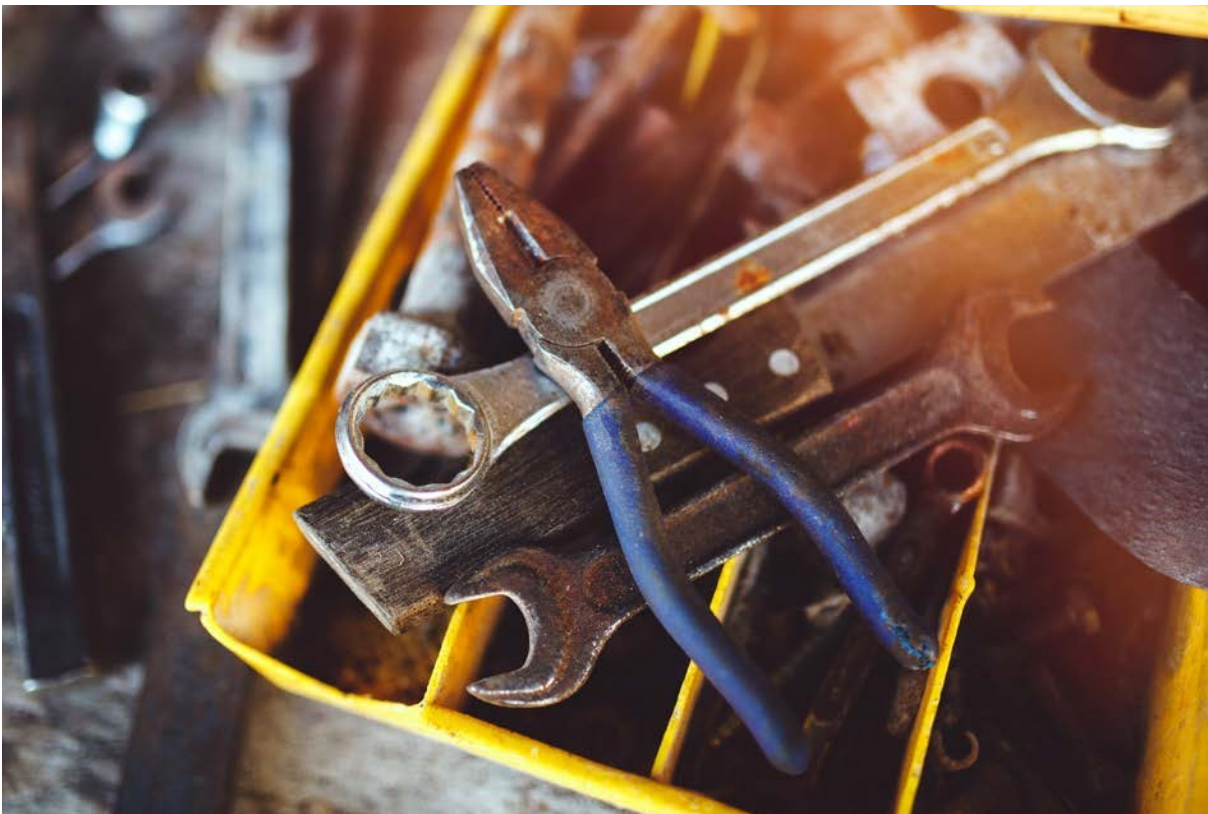
Asset management—where it all began. It's our legacy, and for more than 30 years, we have refined our skills and technology in this area we are proud to call our backyard.

Today, modern industry is facing increasingly tough conditions. **Produce more**—with fewer resources. **Increase quality**—and lower costs. **Adapt** to the ever-changing needs of the market—or disappear.

What's more, even with today's technologically sophisticated plants, companies are losing millions of dollars in unplanned disruptions that many times could have been avoided. Here's where IFS enters the picture.

With our enterprise asset management solution, we help companies all over the world increase availability, productivity and profitability. Turning challenges into opportunities. And opportunities into profits.

Welcome to IFS Applications™



FINDING THE BALANCE IN ASSET MANAGEMENT

Asset-intensive industries are facing a number of different challenges. Perhaps one of the biggest is the need to balance plant lifecycle cost with the total productivity of the plant. The Internet of Things is not just a buzzword—it means that everything in your asset is interconnected and can have an impact on all or part of your asset. Finding the perfect balance between all of these challenges is what successful asset management is all about.

STRATEGIC ASSET MANAGEMENT

You need to think strategically if you are to successfully manage every aspect of your asset from the moment it is designed until it is finally decommissioned. A rich project management solution is mandatory, one that can manage major renewal as well as refurbishment. Having an overview of your projects is essential, but not sufficient. Long-term asset planning requires you to know at any time, the cost of asset replacement, modernization, its value to the business. And that information cannot just be 'archived' in the heads of experienced staff. It must be easily available so that management at all levels can quickly access accurate updates whenever it needs to. You need integrated, seamless enterprise software that presents a unified view of your asset—at the click of a button.

OPTIMIZATION—OF EVERYTHING

Moreover, with growing demand to increase capacity, everything from human resources, finances, and material consumption to supply chain, production sales and aftermarket is the focus of efficiency drives and lean initiatives. One of the major challenges today is the fact that ever-increasing competition is requiring companies to provide excellent customer service and produce top-class products while constantly improving efficiency, increasing the level of innovation and

reducing costs. In fact, most companies today produce twice as much as they did a decade or more ago—often with as little as half the workforce. It goes without saying that unplanned major stoppages can cost a disastrous amount of money. But even minor faults, such as dips in speed, can have a severe impact on long-term profitability. So being able to detect them—and understand what causes them—is imperative.

Also, enterprises are increasingly realizing the potential in optimizing their supply chain of parts and services. By consolidating plants, for instance, companies can benefit from multi-site agreements and common purchasing processes throughout the entire organization. By reducing capital tied up in inventory and securing the availability of spare parts, optimizing your supply chain has a huge cost-cutting potential.

OUTSOURCING AND COLLABORATION

Today, more and more companies are outsourcing part of their asset management to external service providers. Thus, being in control of asset information, contracts and costs is absolutely vital.

On a similar note, with capital projects involving a number of external engineering resources, higher levels of integration are required to enable a seamless information flow between the company's own workforce and its contractors.

INTEGRATED ASSET LIFECYCLE MANAGEMENT

BUSINESS PROCESSES



APPLICATION SOLUTIONS

ENTERPRISE OPERATIONAL INTELLIGENCE			
ASSET MANAGEMENT Equipment Repository, Linear Asset & GIS Integration Preventive Maintenance Condition/Risk Based Maintenance Warranty, Spare Part Management Criticality & SLA Management	WORK MANAGEMENT Corrective Maintenance Work Order Work Order Routes Resource Planning Resource Scheduling Isolation Management	Time & Attendance Lock-Out/Tag-Out Permits Work Clearance Mobile & Wireless Tools & Facilities	FOLLOW-UP AND OPTIMIZE Equipment Performance/OEE Operators Electronic Log Book DCS/SCADA Integration Structured Failure Management & RCM Resource Optimization Mobile Workforce Management
ASSET DESIGN & ENGINEERING Asset Data Management Asset Information Integration Equipment Data Sheets Commissioning Packages, Procurement, Material Management Mechanical Completion, Punch List	PROJECT MANAGEMENT Project Planning Project Execution Estimating Progress Budgeting/Forecasting	Project Accounting Time & Expenses WBS Project Inventory	FINANCIALS General Ledger Sales Ledger Purchase Ledger Cash Flow Fixed Assets Budget Management Cost Control Consolidated Accounts
Human Resources, T&A, Payroll	Health & Safety, Risk and Audits	Long Term Asset Planning	Document Management
Supply Chain Optimization	Quality Management	Supplier Collaboration/B2B	Sub Contract Management

Design—Operate—Maintain—Succeed. IFS Applications can be efficiently deployed as a best-of-breed EAM solution. But it's also a full-suite ERP solution that covers HR, CRM, financials and all your back-office requirements. And it integrates seamlessly with your legacy software to take your asset management to a whole new level.

Now, imagine being able to reduce the lifecycle cost of managing assets and asset information in a totally integrated and open asset lifecycle management solution. This is what IFS Applications is all about. From design to engineering, procurement and maintenance management, IFS Applications has such a wide scope of functionality that it can support every single process of the asset lifecycle.

IFS APPLICATIONS—AGILE ASSET MANAGEMENT

With our long experience of asset-intensive industries like yours, we know what functionality is generally sought after. The open technology of IFS Applications enables a wide range of functionality not found in other solutions, including options for use in the cloud via Microsoft® Azure™. Here are some of the features that maximize the efficiency of your assets and allow you to think in terms of totex, enabling you to compare and analyze the risks and opportunities arising from options such as replacement versus extended asset life.

USABILITY

In asset management, being able to retrieve the right information is essential. And, as in any field where many users may not be very well acquainted with the system, usability is key.

With the easy-to-use interface of IFS Applications, no special skills are required for executing daily tasks such as reporting. Thanks to the Google-like search engine, using the system can be as easy as browsing the Internet.

IFS Lobby™, a customizable entry point into IFS Applications for all levels in the enterprise, data collection tools, web clients, Gantt charts and mobile solutions are also examples of functionality that increases usability and enhances productivity.

MOBILITY

With our mobility solutions, you can capture work orders, create fault reports, perform PM routes, and report time, spare parts and measurements on equipment—wherever you are. So isn't it time you took advantage of the latest technology in terms of operational efficiency? Go mobile—and increase your business agility.



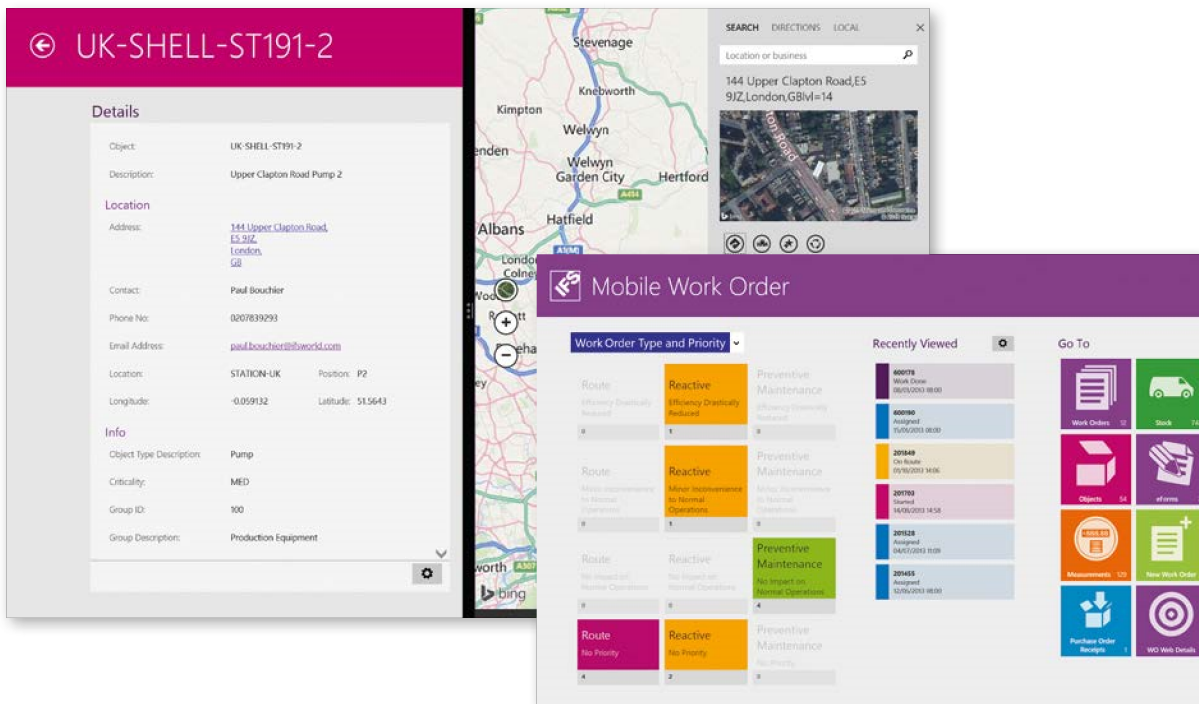
RCM

The automatic data collection enabled by IFS Applications, combined with an RCM tool and a powerful preventive maintenance component, makes it possible to implement an RCM (Reliability-Centered Maintenance) strategy for your equipment.

Combining an RCM strategy with criticality analyses of your plant, you can significantly increase the quality of your maintenance operation—for higher availability and lower maintenance costs.

PREVENTIVE MAINTENANCE STRATEGIES

Based on their position in the plant, different types of equipment require different preventive maintenance



tasks. IFS Applications enables you to combine calendar-based maintenance with event-based, condition-based and predictive maintenance strategies. The result is not just higher productivity, but a more streamlined and efficient maintenance organization as well.

INTEGRATED HEALTH AND SAFETY

IFS Health & Safety™ enables you to streamline health and safety processes in your organization in line with the standards specified by regulatory bodies. It covers a wide area of functionality, from incident and illnesses tracking to actions taken, safety management, risk management, medical examinations, material hazard information, first aid licenses, and distribution lists, to alert the appropriate people once an incident has been filed.

WORKFORCE MANAGEMENT

With labor being one of the biggest cost drivers, utilizing the workforce more efficiently is a major opportunity to improve bottom-line results. And with powerful software support, the possibilities to obtain lean operations are greater than ever before.

IFS Applications features a number of functions that let you optimize the way you utilize your resources.

Thanks to the integration with HR, the solution enables you to plan and deploy the right people with the right equipment at the right time. And with mobile workforce scheduling possibilities, it's more efficient than ever before.

No more guesswork. No more wild goose chases. Just imagine how much time and money you could save by ensuring that your maintenance and repair teams are relevantly deployed—and have the information they need at their fingertips.

CAPITAL PROJECTS

Most asset owners are running a lot of capital-intensive projects. Because these projects almost always involve external subcontractors, keeping track of the budget, resources and technology can be as demanding as it is vital.

The project solution that is an integrated part of IFS Applications provides powerful project management capabilities that support all your project processes. By integrating project, asset management, procurement and workforce management, IFS Applications allows you to manage your entire projects—from execution to financial control. All in real time, and all integrated with your finance system, whether it's from IFS or from a third party.