



IFS APPLICATIONS™ FOR

MACHINERY MANUFACTURING



OUR SOLUTION'S DNA

When we first set out to create IFS Applications over 25 years ago, our goal was to make the most usable business software on the market. And to help us achieve that ambition, we put simplicity at the forefront of everything we did.

We still do.

We decided that we would make only one product, which can be easily configured to match the specific requirements of a broad range of industries.

We still do.

We decided that we would build IFS Applications on standards so our customers would not be locked into any particular technology.

We still do.

We decided to design IFS Applications as a component-based structure so it can be easily extended and updated.

We still do.

We decided that each software component must be totally compatible with every other, yet capable of running independently.

We still do.

We decided to build a product that could handle change and long-term evolution.

We still do.

And, that we would make the most user-friendly business software on the market.

We still do that, too.

SUPPORT THROUGHOUT THE ENTIRE LIFECYCLE

IFS Applications™ for Machinery Manufacturing helps you meet customer demands for customization, competitive pricing, fast delivery, and high quality. IFS offers a complete solution for Machinery Manufacturing that has all the capabilities needed, including support for mixed-mode manufacturing, a unique ability to manage the “to-order” supply chain, integrated quality management, and after-market service and repair.



MASTERING MACHINES

Whether you produce construction equipment, machinery used in the manufacturing process, or complex components used by OEMs in their product manufacturing, IFS Applications helps you meet your customers' demands. IFS provides a complete solution for machinery manufacturers that have product lifecycle management (PLM) in focus, including integrated support from design, project management and mixed-mode manufacturing to after sales.

COMPLETE PROJECT MANAGEMENT

Integrated project management is more than activity planning in network diagrams. IFS offers a project management solution that fully supports an integrated value chain in a project, in which operational activities are also considered. IFS Applications provides a project overview that ensures better cost control and improved planning capabilities. This visibility facilitates analysis, enabling you to react faster when unforeseen issues arise. In other words, exceptions management becomes much easier. Close integration between project management and financials further ensures that planning and cost control are coordinated. The solution also supports a wide range of industry-specific operational activities

including tendering, contract management, engineering, material administration, time management, and document management.

PRODUCT LIFECYCLE MANAGEMENT

IFS Applications supports the product throughout its entire lifecycle, from the original concept and engineering through manufacturing to service and after sales, making all the relevant product-related information available to the right person at the right time.

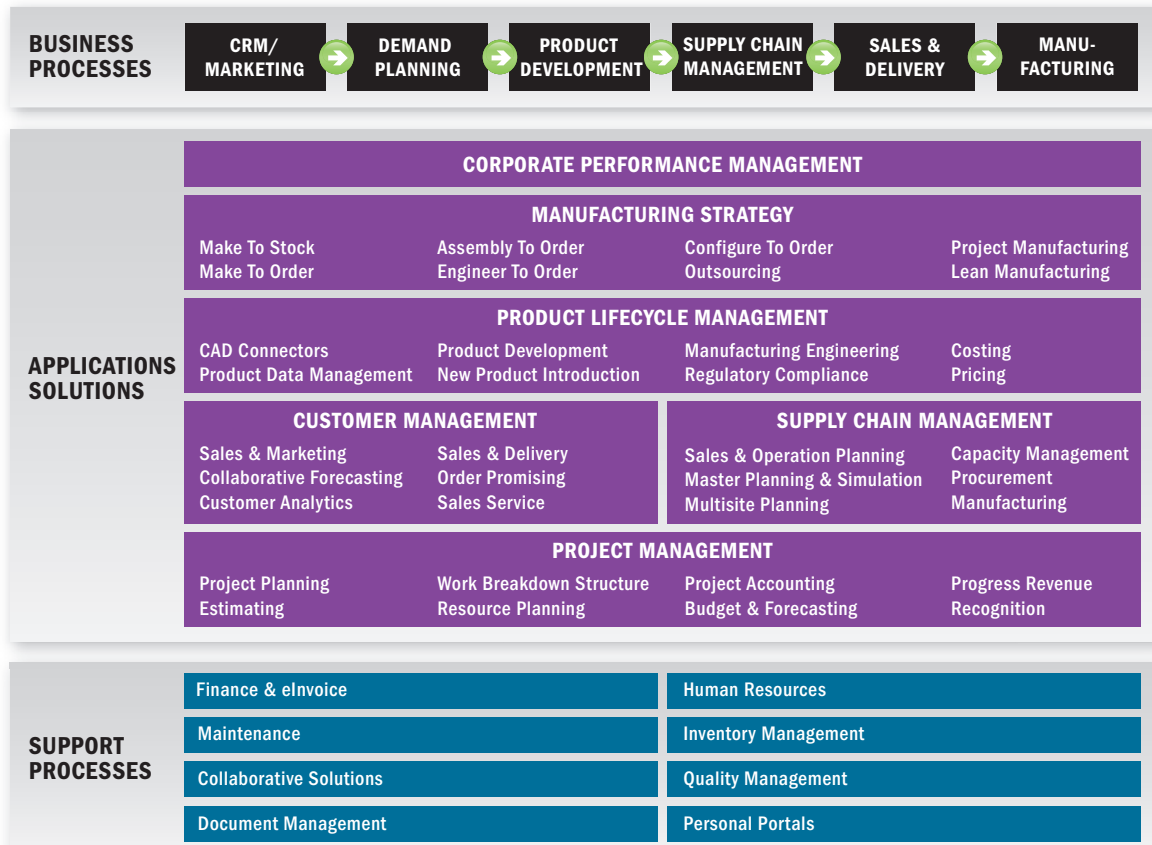
CONCURRENT ENGINEERING

With its comprehensive Product Data Management (PDM) system, real two-way CAD integration and integrated document management, IFS Applications efficiently supports your engineering and design processes. Working within one and the same system, electrical, mechanical, or structural engineers will be able to easily share information without being restricted in the design tools they use. This encourages collaboration and communication, and it ensures progress. It puts all the relevant product information at your fingertips and streamlines your document review and approval cycles—removing what could be another two potential bottlenecks.



KEY VALUE-ADDING FUNCTIONAL ASPECTS OF IFS' SOLUTION FOR MACHINERY MANUFACTURING INCLUDE:

- Support for project-driven enterprises
- Product lifecycle management
- Mixed-mode manufacturing
- Collaboration
- Corporate performance management



This diagram provides you with an indication of the depth of the functionality that makes this solution such a powerful business tool. With the focus on providing solutions to industry-specific issues you are able to increase your competitiveness and raise quality standards while minimizing your costs.

MANAGING CHANGES

IFS Applications manages the changes a design goes through during its lifetime in two stages. The engineering change requests (ECR) process supports all change proposals from the organization, such as fault reports from the service department, the design department's own improvements or the purchasing department's recommendation to change supplier or material. Thereafter the engineering change order (ECO) process is used to plan and implement the design change, leading to a new item and document revision, which can be released after certification.

AFTERSALES AND CUSTOMER SERVICES

When the equipment is shipped, the system immediately recognizes it as a service item. Authorized sales and service personnel can fully access and update information on each piece of equipment, its history, its in-field use, maintenance schedules, and customer records. This integrated view also enables machinery manufacturers to help customers get maximum benefit from their devices and upgrades, ensure service contracts are fulfilled, and obtain feedback for future product development.

Providing customers with optional maintenance and servicing packages continues to play a significant role in securing new business. Of course, in most cases servicing and maintenance will be handled by mobile field technicians so it's reassuring to know that with IFS Applications you have the capabilities to efficiently run a fleet of mobile technicians.

MIXED-MODE MANUFACTURING

IFS Applications provides you with the agility you need to handle a wide array of manufacturing modes at the same time. You get support for project-driven engineer-to-order (ETO) processes and product lines as well as other "to-order" business processes such as configure-to-order, make-to-order or assembly-to-order—all in a single seamless solution.

With "to-order" products you face the daily challenge of delivering customized products to customers who are looking for competitive pricing, high quality, and fast delivery. IFS Applications enables you to meet your business requirements by utilizing front and back office configurations, and dynamic order processing (Seiban).

Moreover, IFS' support for ETO processes is unique. This project-based solution integrates project planning, PDM, project-based manufacturing and purchasing, including non-MRP-based material planning.

COLLABORATIVE SOLUTIONS

With its simple, web-based interface, IFS Applications makes it easier to collaborate in real time, saving you time and money by supporting the processes, workflows, and to-do lists for everyone in your value chain, including partners, customers, and external consultants. Regardless of who or where they are, all project members can be granted role-based access to data and processes, which are all contained in one database in one system—IFS Applications. Easier collaboration means better communication, less duplication of effort, smoother work flows, and more efficient projects.

CORPORATE PERFORMANCE MANAGEMENT

With IFS Corporate Performance Management™, you get the total picture of your business, from finance to human resources. It gives you an instant overview of critical business areas such as project performance, quality, costs, and delivery times, allowing you to enhance quality and increase profitability.

Users also have the opportunity to take advantage of built-in Business Intelligence tools, including analytical functions and presentation capabilities that are part of the core IFS Applications solution.

SHOP FLOOR MANAGEMENT:
A number of shop floor reporting functions are contained within a user-friendly screen allowing touch screen capabilities

PROJECT MANAGEMENT: IFS Project Management gives you complete control over the manufacturing process



THE ROLE-BASED IFS PERSONAL PORTAL ENABLES YOU TO SHARE BUSINESS PROCESSES SUCH AS:

- Product development
- Document management
- Subcontracting
- Project control
- Material management

ABOUT IFS AND IFS APPLICATIONS

IFS is a public company (OMX STO: IFS) founded in 1983 that develops, supplies, and implements IFS Applications™, a component-based extended ERP suite built on SOA technology. IFS focuses on agile businesses where any of four core processes are strategic: service & asset management, manufacturing, supply chain and projects. The company has more than 2,000 customers and is present in 50+ countries with 2,700 employees in total.

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