

Project-enabled manufacturing



User-friendly enterprise software for agile project-based manufacturing

Making to order? Or to stock? Running engineer- or configure-to-order processes? Are your manufacturing operations project-based? You might even mix several modes of manufacturing depending on customer or market demands.

With IFS you get the agility to handle your manufacturing requirements, whatever your needs are—and regardless of whatever direction your business takes in the future.

Component-based and built on service-oriented architecture, IFS is designed for increased usability and higher productivity. And because it is so intuitive and task-oriented, it includes integrated enterprise search functionality, rich media notes and in-application viewing of common file types such as Microsoft® Word® and Excel®.



Making you agile enough to turn change into opportunity

With a history in enterprise software stretching back over a quarter of a century, IFS knows that the most important ‘tradition’ in manufacturing is change—often rapid, radical change. That’s why IFS is designed to facilitate change while still maintaining control no matter what mode—or modes—of manufacturing your business is engaged in.

Meeting business-critical issues head-on

Imagine what it would be like to be in total control of the costs and time related to your manufacturing projects. Consider the benefits of accurate forecasting and budgeting capabilities, and the effect these would have on your ability to control project costs and manage risk. And the advantage to your business of being able to make almost instant—and accurate—decisions when confronted with an RFQ. Even better, what if your sales force could present customers with real-time configuration proposals, with delivery dates and cost up front?

Consider, too, the value of being able to communicate seamlessly with different subsidiaries—whether they are just across town or on the other side of the world. And being able to do the same with suppliers, partners, and customers. Then there’s the matter of how much business you could win if you offered full lifecycle support and service.

These and many other issues can present obstacles to your success as a project-based manufacturer. However, if you’re on top of them, you’ve got it made.



Less risk, greater insight

Projects become profitable and efficient when you can capture all the activities related to a particular project, including purchases, costs, production, documents and shipments. If you can combine project execution with full integration to financials, you get the complete picture of your total cost. Having a clear view of what will happen, when it will happen, and how much it will cost before it hits your general ledger enables you to spot issues while the project is in progress so you can adapt as conditions change. As a result, you can make changes in time instead of trying to catch up with past events.

IFS gets closer to customers

Single site or multisite. Local. National. Regional. Global. Growing or consolidating. MTO, ATO, CTO, ETO, etc., Whatever three-letter acronym describes your operations, IFS puts you firmly in control with agile enterprise software that increases your return on investment.



Solution map

IFS covers the entire needs of project-enabled manufacturers, from responding to an RFQ to after sales and service. Developed in close collaboration with customers, it increases productivity by enabling greater usability and transparency.

IFS enables you to manage your future, not only the past. It gives you the agility to control cost, cash, risk, time and resources –regardless of how conditions change–and contributes to the success of your manufacturing projects.

BUSINESS PROCESSES



APPLICATION SOLUTIONS



Opportunity responsiveness

Designed with project-enabled industries in mind, IFS gives you the ability to manage your supply chain process including the planning, scheduling and execution of operations. IFS is designed for—and to large extent by—manufacturers who want to benefit from shifts in trends, markets and policies.

Better forecasting and risk management

IFS enables you to store all your data in one location, so you can see in detail exactly how much any part of a project has cost and where you made money. So whenever you get an RFQ, you can bid more accurately and with greater confidence—or not bid at all because the profit/loss analysis enabled by the data in your enterprise software shows you that the project would not be profitable. With time to market—and time in market—shortening all the time, the ability to choose profitable projects and deliver as promised is crucial to success, especially for contract manufacturers.

Concurrent engineering

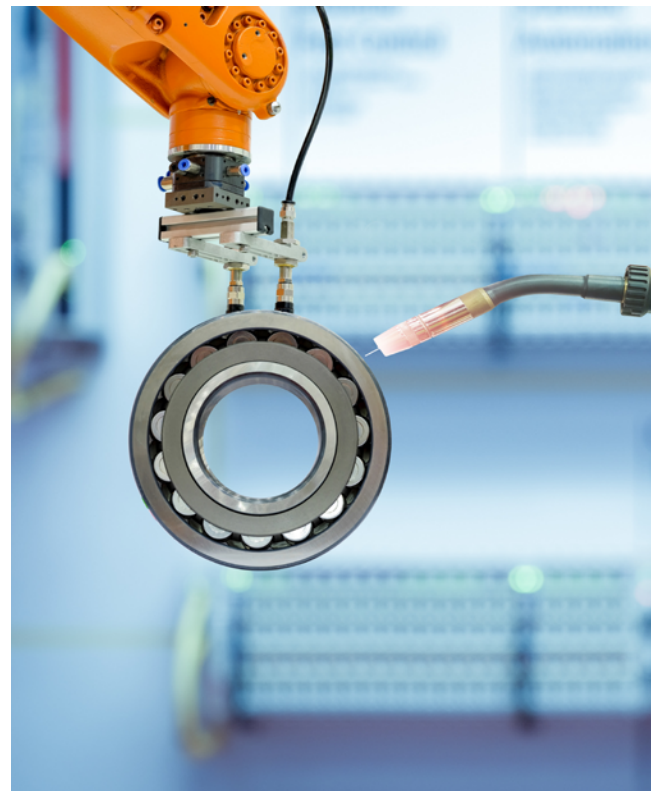
With its comprehensive product data management (PDM) system, real-time two-way CAD integration and integrated document management, IFS efficiently supports your engineering and design processes. Working within one and the same system, electrical, mechanical, or structural engineers will be able to easily share information without being restricted in the design tools they use. This encourages collaboration and communication and 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.

Sales configurator saves time and resources

The integrated sales configurator means your sales force knows exactly what you can produce and deliver and cost it on the spot. This means customers immediately see the configuration they have ordered, what the lead time should be, and the price you are tendering so they can plan and budget better. The result is enhanced customer satisfaction—for you and for them. The sales configurator gives you smoother production flows, shorter lead times and greater supply chain visibility, saving you time, money and resources. And as regulations, trends and other factors change, the sales configurator can be updated immediately so your sales force sees exactly what you can offer—whether they are in the office or miles away at a customer site. An efficient B2B tool, it can also be used by your agents, resellers and distributors.

Better insight, greater efficiency

IFS also enables you to evaluate your manufacturing processes. Which ones should be outsourced offshore? How much value can be added ‘at home’? All the data you require to assess your production strategies is available in the application, allowing you to make accurate estimates, not ‘guesstimates’.





Collaboration and quality control

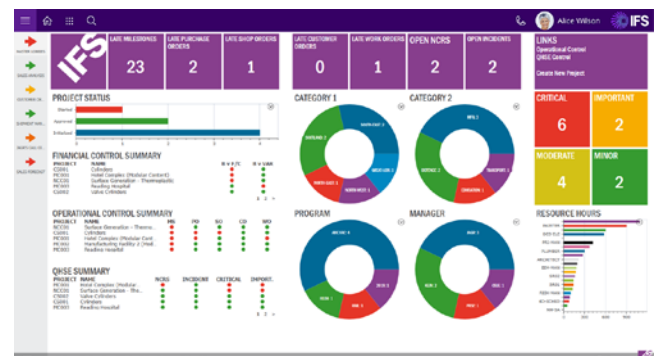
Outsourced manufacturing, either locally or nationally, nearshore or offshore, has always been a means of avoiding high start-up costs and minimizing time to market. But it also gives rise to a number of issues, such as collaboration and quality control. With the B2B portals that are an integrated part of IFS, collaboration is no longer a problem. All parties involved can view data via web interfaces and can track progress. More importantly, documents that need to be approved are available immediately and can be reviewed and signed electronically. This reduces errors as version control is more stringent, which minimizes the risk that several versions of the same document are in circulation.

Integrated quality assurance

IFS quality assurance provides those responsible for quality with all the capabilities to support the requirements of the international marketplace. The solution enables users to plan compliance, schedule and execute audits, report non-conformances and record any corrective and preventive actions. As the functionality is fully integrated it means that the quality management processes will become much closer to the business processes.

IFS quality assurance consists of four parts:

- **Compliance Planning:** create and maintain Compliance Plans in the system and then create audits directly so that data does not have to be duplicated. This reduces administration and adds value to the process.
- **Audit Management:** the system provides support for the planning, scheduling and execution of internal and external audits. As audits can be attached to any IFS screen, it means that analysis and reporting can be improved whether it is at supplier, project or process level.
- **Non-Conformance Reporting:** It is possible to create non-conformance reports from any IFS screen, including audits. This allows the users to report and record non-conformance details directly against the object to which they refer (such as a purchase order receipt, customer delivery, manufacturing process, and project activity). The process includes disposition, correction and verification, meaning that the entire workflow is handled within IFS.
- **Corrective and Preventive Actions:** As CAPAs can be created directly from an NCR, it results in a complete system solution. It is also possible to create CAPAs directly as part of a Quality Initiative program. The process supports the investigation and correction, verification and effectiveness, and recording of a root cause.



About IFS

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. 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 4,000 employees every day live our values of agility, trustworthiness and collaboration in how we support our 10,000+ customers.

Learn more about how our enterprise software solutions can help your business today at ifs.com.

#MomentOfService