Manufacturing in IFS Cloud

Enable your manufacturing processes to be more profitable, streamlined and customer-focused

Manufacturers are constantly under pressure. Challenges include longer lead times, increasing raw material prices, rapidly changing customer demand, staff skills shortages and more. As a result, leading manufacturing organizations are turning to solutions that are industry-focused; those that have real innovation embedded to the core and a depth of capability across all the key process areas. These solutions are now a key enabler to navigate through complexity to help drive real competitive advantage and grow the bottom line.

IFS Cloud enables manufacturing companies to integrate and embed intelligence in manufacturing processes within a cloud-enabled solution. It provides optimal scheduling, planning coordination and execution processes as part of covering all aspects of the manufacturing cycle, from planning to shipment.

IFS Cloud makes it easy to plan and execute across all phases for all employees involved in the manufacturing process. Furthermore, it provides the control and flexibility to manage the production process across manufacturing modes, from discrete to process. This includes configure-to-order (CTO), engineer-to-order (ETO), make-to-order (MTO), assemble-to-order (ATO), make-to-stock (MTS) and mixed-mode manufacturing.

Benefits

IFS Cloud offers leading capabilities across all aspects of the manufacturing cycle delivering tangible benefits.

Enhanced Service Levels
Differentiate yourself by reducing lead time and time spent sourcing documentation for service calls with IFS.ai Copilot.

Drive Bottom Line Growth
Identify more revenue opportunities through enhanced planning while also enabling greater cost control and predictability.

Enhance Forecast Accuracy
Produce consistent and trustworthy forecasts to help drive speed-to-market and profitability. Increase capacity utilization with AI-driven simulations.

Boost Quality with Consistency
Stay aligned with new regulatory requirements and reduce waste, while driving efficiency and reducing admin time on sustainability reporting and lifecycle assessment.

Key capabilities

Manufacturing Execution System (MES)

Quickly connect directly to machines and capture shopfloor equipment data into IFS Cloud. Improve Overall Equipment Effectiveness (OEE), easily spot issues, and make decisions faster.

Sales and Operations Planning

Enables strategic and tactical planning, allowing organizations to better match manufacturing supply with demand to create an informed production plan.

Material and Resource Planning

Provides tools for matching real and forecasted demands with material supplies and resource capacity on an operative level including master scheduling and demand driven material and resource planning.

Visual Planning and Scheduling

Helps optimize the manufacturing production plan through visualised planning that makes it easy to identify potential capacity bottlenecks or material shortages.

Configure and Make-to-Order

Manage and simplify the sales and production order process, from advanced configure and make-to-order (CTO/MTO) to simple assemble-to-order (ATO).

Discrete Manufacturing

Supports the production process from shop order requisitions to receipt of finished products.

Batch Process Manufacturing

Supports recipe and formula-based manufacturing for the food & beverage, pharmaceutical and chemical industries.

Repetitive Manufacturing

Handles the process of arranging, controlling, and optimizing work and workloads in a repetitive production environment, with capabilities such as Kanban, order-less receipts and more.

Total Quality Management

Covers a wide area of functionality including quality control, quality assurance and audit management.

Product Estimate Management

Enables manufacturers to handle complex price estimations to calculate the best possible bid price of a product when submitting quotations.

Sustainability Management

Calculates and controls the ecological footprint for parts such as emissions or pollutants throughout the entire product lifecycle.