IFS APPLICATIONS™ FOR
EPCI

MANAGE THE FUTURE—NOT THE PAST

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.

MANAGE THE FUTURE
—NOT THE PAST

IFS Applications keeps your finger on the pulse. It keeps people throughout your organization fully informed by making the relevant information available in real time.

The solution's inherent transparency and total integration enables you to deal effectively with the day-to-day running of business and to handle risk with a new degree of confidence. IFS Applications also provides you with an opportunity to cover the entire project lifecycle with one integrated application. For example, after completion, using the project data means you are ideally placed to offer customers effective maintenance and servicing programs—and perfectly positioned when the time comes to carry out decommissioning of the project.

Unlike other major ERP vendors, IFS specializes in the EPCI sector and integrates key areas incuding:

- CRM, Bidding and Estimating
- Project Planning
- Risk Management
- Contract Management
- Engineering and Design
- Procurement and Supply Chain
- Manufacturing and Fabrication

- Construction, Installation & Commissioning
- Project Cost and Progress Control
- Service & Asset Management
- Finance and Project Accounting
- Human Resources
- Document Management

TO GO IN THE RIGHT DIRECTION YOU NEED TO STAY ON COURSE

Continuous pressure from global competitors plus the growing imposition of new legislation make it essential for EPCI contractors to deploy a business solution that can keep pace with their constantly changing world. With IFS Applications you have a solution that can be precisely configured to match the demands of your projects. Also with IFS Applications, you get the benefit of a solution whose inherent integration means it can be easily adapted to accommodate any additional support you might require to match future changes in the industry. In-depth project functionality, total integration and unmatched usability make IFS Applications the best solution to keep your business heading in the right direction.

TOTAL LIFECYCLE SUPPORT AND GLOBALIZATION

The need to manage the complete asset lifecycle is business-critical—design, procure, manufacture, build, construct & install , commission, maintain and service, spares and supply chain, repair, refurbish and disposal. With IFS you have the security of a world-class project lifecycle solution that enables you to manage all the stages of a project's lifecycle within one, totally integrated software solution.

And with IFS Applications, you have a solution that supports multiple languages and local fiscal regulations, making it ideal for companies that operate on a global scale.

FUTURE-BASED COST CONTROL

IFS Applications has fully integrated project budgeting and forecasting capabilities, which allow periodic reviews to be conducted with greater efficiency so the estimate at completion is more predictable. It is also linked to the work breakdown structure and project plan, and provides support for progress and earned value management. This helps companies manage future costs rather than analyzing historical project costs.

RISK MANAGEMENT

With IFS Applications you have the security of risk management that extends beyond the bidding phase and provides you with the capability to respond to any situation. As competitive pressures continue to grow, it is reassuring to know that IFS Applications has a fully integrated project risk management solution, which allows the risk consequence to be fully evaluated and corrective actions to be swiftly implemented.
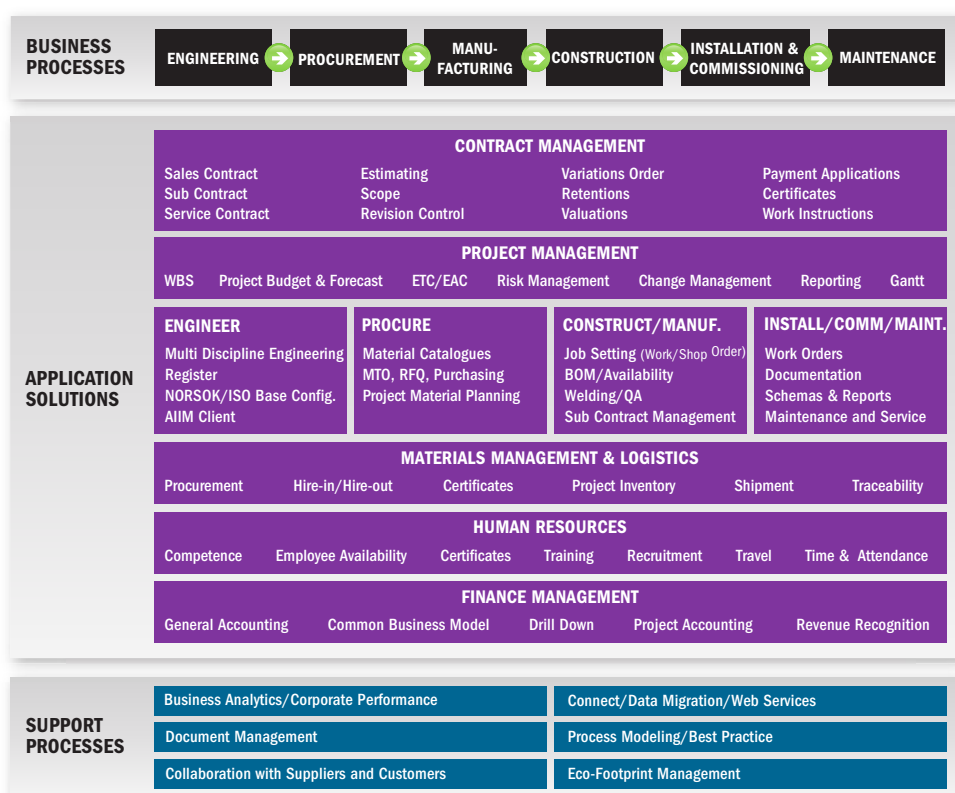
> **It was crucial to implement an ERP system that could ensure optimal support and control over the company's business processes in every way. IFS was chosen after comprehensive analyses because IFS could deliver an integrated, complete solution for Hamworthy's processes, with flexibility enabled by the component-based system.**
>
> **EIGIL ULSBØL, CFO, HAMWORTHY GAS SYSTEMS**

SPECIFICALLY DESIGNED
FOR YOUR BUSINESS

The IFS solution provides a comprehensive set of integrated components to cover the complete contract lifecycle. Companies can also choose a specific set of components where some of the business applications are not from IFS. To be successful in the EPCI marketplace you have to have functional strength in many areas. In particular, a strong project solution is essential to manage project cost control, planning and progress tracking, risk management and project accounting.

BUSINESS PROCESSES						
ENGINEERING	PROCUREMENT	MANU-FACTURING	CONSTRUCTION	INSTALLATION & COMMISSIONING	MAINTENANCE	

APPLICATION SOLUTIONS

CONTRACT MANAGEMENT

Sales Contract	Estimating	Variations Order	Payment Applications
Sub Contract	Scope	Retentions	Certificates
Service Contract	Revision Control	Valuations	Work Instructions

PROJECT MANAGEMENT

WBS	Project Budget & Forecast	ETC/EAC	Risk Management	Change Management	Reporting	Gantt

ENGINEER	**PROCURE**	**CONSTRUCT/MANUF.**	**INSTALL/COMM/MAINT.**
Multi Discipline Engineering Register	Material Catalogues	Job Setting (Work/Shop Order)	Work Orders
NORSOK/ISO Base Config.	MTO, RFQ, Purchasing	BOM/Availability	Documentation
AIIM Client	Project Material Planning	Welding/QA	Schemas & Reports
		Sub Contract Management	Maintenance and Service

MATERIALS MANAGEMENT & LOGISTICS

Procurement	Hire-in/Hire-out	Certificates	Project Inventory	Shipment	Traceability

HUMAN RESOURCES

Competence	Employee Availability	Certificates	Training	Recruitment	Travel	Time & Attendance

FINANCE MANAGEMENT

General Accounting	Common Business Model	Drill Down	Project Accounting	Revenue Recognition

SUPPORT PROCESSES

Business Analytics/Corporate Performance	Connect/Data Migration/Web Services
Document Management	Process Modeling/Best Practice
Collaboration with Suppliers and Customers	Eco-Footprint Management

- **Contract management** manages many types of contracts and has been designed to handle complex contracts where client variations are usually the norm. This also covers complex sub-contracting activity.

- A strong fully integrated **accounting solution** is often very important. Of particular importance is the focus on project accounting and multi-country, multi-currency requirements.

- The world-class **asset and service management** components allow our clients to manage their own internal assets and equipment as well as managing and servicing their clients' assets.

- The **human resource** components provide functionality to manage all personnel issues including time and expense recording, skills and certification, recruitment, employee development and training.

- The **document management** capability allows all project documentation to be managed including revision control, document deliverables and approval workflow.

- The **supply chain** solutions provide a comprehensive solution for procurement, manufacturing and inventory control.

- The **engineering** components provide tools to manage the project equipment list and include integration with CAD tools.

EVERYTHING IS UNDER CONTROL

IFS' experience in the industry and its policy of development in collaboration with its customers is reflected in the comprehensive range of capabilities provided by IFS Applications. Every aspect of the solution has been carefully considered and designed to provide the user with total control—in any situation.

PROJECT PLANNING NEEDS TO DRIVE WORKFLOW

To prevent it from becoming isolated from the main business system, the project plan is an integral part of the IFS solution. It drives work-to lists to engineering, procurement, manufacturing, installation and construction so they are all working to the master project plan. Full two-way integration is also available with leading tools such as Primavera and Microsoft® Projects®.

ACCURATE ESTIMATING

Estimating accuracy is critical as project margins are getting squeezed. Today, most estimating tools are not integrated with the main project cost control system and are not aligned to the work breakdown structure, making it extremely difficult to measure the accuracy of the estimate. With IFS Applications the project estimating process is integral, ensuring that accuracy measurement is automatic.

VARIATION CONTROL

Managing project change has always been one of the biggest challenges. IFS Applications has many integrated features to manage project change, including change requests, document management, project base-lining, project budgeting and forecasting revisions, contract change management and audit trails, and approval workflow. By being able to clearly identify scope changes and ensure that they are managed with a proper integrated workflow, you can make a huge difference to a project's profitability.

COLLABORATION AND SUB-CONTRACTING

Increasingly, projects are delivered by organizations working together to deliver the total solution. Joint venture, sub-contracting and outsourcing activity is increasing, which is putting a strain on many companies trying to keep control of their projects. IFS Applications offers powerful functionality to meet these needs. The sub-contract management component allows complex sub-contracts to be managed. Web collaboration portals are also available. All of these advanced features are fully integrated with the overall project management solution.

SITE AND ASSET MANAGEMENT

Site work has traditionally been managed using paper-based systems or non-integrated tools, but the need to have fast and accurate feedback from the construction site is crucial to keep a project successfully on track. IFS Applications has a number of features to help control the site execution work, including web or mobile options for time and status recording, sub-contract work instructions and work order management. The solution also offers a world-class asset and service management solution where the contract is to manage the assets.

CREATE YOUR OWN
SCREEN ENVIRONMENT

IFS Applications' user-friendly interface makes life so much easier. In addition to having a screen that can be individually tailored to suit the users' own level of competence, the IFS interface incorporates many of the features that can be found in everyday products such as iPods and laptops. For example, with the IFS Applications interface the user has the benefit of a search facility that works precisely in the same way as Google. Type in your request and, quick as a flash, you get your answer. In fact you'll find the design and capabilities of the IFS interface take ease of use to a completely new level within the world of business applications.