IFS APPLICATIONS™ FOR
SHIPBUILDING
FROM ENGINEERING AND DESIGN TO PROJECT CONTROL AND BUSINESS PERFORMANCE DATA —ALL IN ONE INTEGRATED, COMPONENT-BASED SOLUTION
### BUSINESS PROCESSES

#### DESIGN
- Plant Design
- CAD Integration
- Ship Models
- Documents Control

#### PROCUREMENT
- Material Catalogues
- Early Procurement, RFQ, Purchasing, Steel Management

#### CONSTRUCTION
- Work Packages
- Welding/QA
- Block Assembly
- Installation and Outfitting

#### OUTFITTING
- Final Testing
- Classification Surveyors
- Reports
- Documentation

#### SEA TRIAL

#### CORPORATE PERFORMANCE MANAGEMENT
- Estimating
- Scope
- Sales Contract
- Variation Orders
- Retentions
- Payment Applications

#### TENDERING/CONTRACT MANAGEMENT
- WBS/SFI
- Project Budget & Forecast
- Integration External Planning Tool
- Risk Management
- Change Management
- Issue Management
- Reporting
- Cost Control

#### PROJECT MANAGEMENT
- Reporting
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#### SUB-CONTRACTING
- Sub-Contracts
- Agreements
- Inquiries
- Work Instructions
- Retentions
- Payment & Certificates

#### FINANCE MANAGEMENT
- General Accounting
- Automatic Workflow
- Project Accounting
- Revenue Recognition

### APPLICATIONS SOLUTIONS

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- WBS/SFI
- Project Budget & Forecast
- Integration External Planning Tool
- Risk Management
- Change Management
- Issue Management
- Reporting
- Cost Control

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### SUPPORT PROCESSES

- Human Resources, Time & Attendance, Health and Safety
- Service and Asset Management
- Document Management
- Business Models
- Collaboration with Suppliers and Customers
- Quality Management
The complexity of modern shipbuilding, combined with tough competition, increases the need for tools that reduce costs and improve work efficiency. One way to meet this need is to use IFS Shipbuilding—an integrated business solution specially designed to enhance competitiveness and improve the bottom-line in the shipbuilding industry.

**THE LEADING INTEGRATED STANDARD SOLUTION**

This unique project based solution features ERP functionality and “best of breed” shipyard functionality—all from one supplier.

IFS Shipbuilding offers an opportunity for all shipyards to streamline operations by replacing the large number of small IT systems in use with a single integrated system. Thanks to the component-based architecture of IFS Applications it is also possible to install specific components and interface them with the existing system portfolio. The number of systems is thereby reduced and building the foundation for a future streamlining IT strategy is made easier. The functionality in the solution covers material management, project management, work order management, document management, time reporting, human resources and financials.

All major business processes are supported, including tendering, project set-up and planning, design, material management, project management, work order management, subcontracting, document management, time reporting, human resources, business and cost control, as well as after sales.

Efficient communication between owners, classification companies, yards, designers and suppliers is supported by web-based collaborative solutions. Interfaces to 2D and 3D design tools—as well as project planning tools such as Primavera and Microsoft® Project®, can be part of the total solution. IFS Shipbuilding is leading in terms of functionality for the complex processes in shipbuilding—yet it is easy to implement and use.

**IFS APPLICATIONS FOR SHIPBUILDING SUPPORTS MAJOR PROCESSES SUCH AS:**

- Tendering
- Project establishment and planning
- Design
- Material management
- Project management
- Work Order Management
- Subcontracting
- Document management
- Human resources
- Time Reporting
- Financials
- Business and cost control
- Service/Guarantee
IFS Shipbuilding replaces all the others

With IFS Shipbuilding, there is no need to tack between islands of information, because all the information is already onboard. IFS Shipbuilding replaces the archipelago of small IT systems with one integrated “mainland”. Instead of using separate systems for material management, financials and human resources, the functionality in our solution covers them all.

IFS Shipbuilding includes all the major processes required to run a successful shipbuilding project. With all these processes in one system and one database a better outline is available, which means:

- Overview and ability to coordinate more efficiently improves.
- Planning, project management and follow-up is quicker and more secure.
- Profitability in projects can be followed up on a day-to-day basis. By integrating the processes cost follow-up and progress in projects are enhanced.

Developed for project oriented industries

Another common solution within shipbuilding has been to adapt a system that initially was designed for material requirements planning.

In this case companies took the long route to a project, making it unnecessarily unwieldy and time-consuming. On the system side there is only one viable alternative and that is a solution that has been developed for project management and nothing else. Only then does the solution become the driving force and project management system that should be expected. IFS Shipbuilding is exactly that. It is also a standard solution based on components so that it is possible to develop the IT environment step-by-step, without costly adaptations.
FLEXIBLE COMPONENT-BASED SOLUTION
This standard solution is already tailored for shipbuilding. Companies use the components they want to start up with and build it up gradually. Or they may choose to implement a complete solution at once. They then have an ideal platform for web-based collaboration with subcontractors. With all the processes available in one solution companies open the door for partners and provide them access to the parts of the system they need to collaborate on. This is IFS/Collaboration Portals™, which means companies can have individual start pages that give them access to the system. The user can access information in real time from an updated database and communicate with other project members, regardless of where in the world the user is located because the solution has no geographical borders.

Integration with 2D and 3D design tools, also means that this solution crosses borders. IFS Shipbuilding also includes advanced document management capabilities, which allow all the paperwork and electronic documents/drawings to be handled.

Regardless of the specific role in a project, the relevant documentation is always easy to trace and is accessible without detours. In IFS’ standard component-based solution for the shipbuilding industry, document management is included.

PROJECT DRIVEN MATERIAL MANAGEMENT
Ensures that all equipment are procured and/or produced according to project plan and not controlled by the traditional manufacturing (MRP) process. Thereby providing time and cost savings.
STANDARD INTERFACES TO OTHER SYSTEMS AVAILABLE
ABOUT IFS AND IFS APPLICATIONS

IFS (OMX STO: IFS), the global enterprise applications company, provides ERP solutions which enable organizations to respond quickly to market changes. The solutions allow resources to be used in a more agile way to achieve better business performance and competitive advantage.

Founded in 1983, IFS has 2,600 employees worldwide. With IFS Applications™, now in its seventh generation, IFS has pioneered component-based ERP software. The component architecture provides solutions that are easier to implement, run and upgrade. IFS Applications is available in 54 countries in more than 20 languages.

IFS has over 600,000 users across seven key vertical sectors: aerospace & defense; automotive; manufacturing; process industries; construction, contracting & service management; retail & wholesale distribution, and utilities & telecom. IFS Applications provide extended ERP functionality, including CRM, SCM, PLM, CPM, enterprise asset management and MRO capabilities.

If you are interested in further information, e-mail to info@ifsworld.com or contact one of our regional offices or visit our web site: www.IFSWORLD.com

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