ONE PRODUCT
COMPONENT-BASED
BUILDING FOR CHANGE
TOTAL INTEGRATION
USER EXPERIENCE
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.
IFS Applications is a single, integrated product supporting the management of 4 core processes: Service and Asset, Manufacturing, Projects, and Supply Chain. Combined with our deep industry knowledge and software for critical business processes such as Financials and HR it is a complete ERP solution for all your business needs.

IFS is an application vendor, not a technology vendor. Our focus is on innovative use within the context of IFS Applications. We aim to continually build new innovations into our application so that all can get the benefits—not just those who are able to afford to purchase and integrate disparate applications and technologies.

We have developed our product together with our customers and have expanded into the industries from which our customer base is drawn. This has been crucial in keeping our development directed toward areas where there is a real customer need and has enabled us to become a full-suite ERP vendor that also delivers best-of-breed solutions.

In addition IFS offerings also include industry competence which, combined with the relevant product components, forms the customer solution—and this final offering will vary from region to region. Horizontal processes like Financials, HR or Business Intelligence are developed to support and harmonize with our core processes as well as with the demand from customers in our targeted industries. They are not developed in isolation.

IFS HORIZONTAL SOLUTIONS SUPPORTING YOUR CORE PROCESS

- Financials
- Human Resources
- Product Lifecycle Management
- Quality Management
- Document Management
- Eco-footprint Management
- Business Performance Management
- Business Modeling
- Customer Relationship Management
We have redefined our development program to match the changing business landscape. Many of today’s leading companies are undergoing structural modifications to meet the challenges of globalization, specialization and the increased demand for transparency. Business solutions must fulfill a broader range of functions if they are to positively contribute to a business’s success. The IFS product triangle illustrates our product excellence and shows how working closely with customers ensures that our solution is evolved along a practical and effective path.

Viken Energi, a typical municipal energy company, was responsible for power distribution in Oslo and its environs. It had implemented IFS’ Enterprise Asset Management solution. Viken Energi then merged with Hafslund, a Norwegian utilities corporation. Project-oriented Hafslund also uses IFS Applications to handle its B2B processes, collaboration and contract management. In addition, its district heating division is piloting IFS Project Management to streamline a number of major construction projects.

In 2002, Hafslund’s Technical Services business unit was demerged, eventually becoming Infratek in 2009 after a merger with the service division of Fortum. Today, Infratek is a major service provider to critical infrastructure, including the engineering, procurement, construction, installation and maintenance of networks in the energy and oil & gas sectors.

Throughout the twists and turns of this evolution, from EAM to project management and pure-play service management, from power generation, transmission and distribution to technical services, the component-based core business process offering of IFS Applications offered the agility required by the company to take change and expansion in its stride.
YOU NEVER KNOW WHEN THE FUTURE WILL ARRIVE

With IFS Applications you stay agile, ready for change and evolution without disrupting the implemented solution. Our strategy of building for change includes a number of best practices, including commitment to standard technologies and well-known products.

We see an investment in IFS Applications as an important business asset. And as with any asset, IFS Applications should be state of the art when delivered, but also cost-effective and able to generate returns throughout its lifecycle. To achieve this goal, components must be continuously upgraded, added, and replaced with minimal downtime and impact on operations. We accomplished this by building for change.

- We invest time in, and carefully plan, the evolution of the architecture to create robust designs that can accommodate future change.

- We take the time to encapsulate and isolate architecture layers and platform components that might later become subject to change.

- We support leading commercial and open-source products so that companies are free to change the environment in which IFS Applications operates.

- We embrace commodities. Rather than continue to develop our own proprietary functionality, we use third-party standard solutions whenever possible. This reduces both legacy and maintenance.

Our commitment to standard technologies and well-known products means we can replace and update technologies in isolated areas without causing ripple effects across the applications. Using standards and commonplace tools also allows existing and widely available competence to be used, cutting start-up time and training costs for system integrators, developers, and technicians.

First use of Java
In IFS Event Server

1999
IFS has a proven history of managing change and evolution in technology and architecture without disrupting core applications.

- Support for Microsoft .NET added
- Java EE replaces CORBA in middle tier
- Mobile solutions recreated using Java ME
- Reporting solution rebuilt with XML and XSL/FO
- IFS Event Server merged into IFS Connect
- Technology for Web changed from ASP to Java EE
- IFS Enterprise Explorer supersedes IFS Windows Client
- Technology for Web changed from ASP to Java EE
The Power of Perfect Synergy

Our commitment to total solution integration ensures that you get a solution where information is free-flowing whatever combination of software you use. This enables you to develop far more open, sophisticated business practices and avoid the dangers of information stagnating in data silos.

IFS Applications is built on the principle of open architecture, allowing other applications to access information and invoke functionality in IFS Applications in the same way that IFS Applications does. Both the services layer and application core are accessible to other applications and environments through IFS’ access providers for .NET, and Java, or through SOAP, which allows any activity or service in IFS Applications to be invoked as a web service.

For presentation tier integration, the key factor is agility. IFS believes in making integration easy regardless of which technology, platform, or tool set is used. This is why IFS has chosen to support both .NET and Java platforms and tools for integration development.

This means you can grow your business and extend your solution secure in the knowledge that there will be no need for expensive big-bang implementations.

We distinguish between three main categories of integration driven by different needs:

**Presentation Tier Integration**—which gives you access to IFS Applications functionality using other clients and applications such as Microsoft Office, CAD systems, and project planning tools. This is handled through IFS Access Providers.

**Process Flows**—IFS Applications supports process flow integration across applications, within an organization or between enterprises through web services, IFS Connect and/or third-party integration products.

**Data Management**—which keeps larger volumes of data in synch between application instances or during migration from one application to another. Data management in IFS Applications is supported through the IFS Data Migration tool.
NO ERP SOLUTION CAN GUARANTEE SUCCESS

The extent of a solution’s contribution to your business is dependent on one highly evolved and extremely complex component. People. IFS Applications provides an attractive, intuitive and efficient user experience, helping you easily find what you need to do your job. So you can spend less time managing your software and more time managing your business.

Our new user interface, IFS Enterprise Explorer, redresses the balance of power between man and machine. User simplicity together with new time-saving features means that your business runs with far greater efficiency and your staff is more productive.

IFS Enterprise Explorer is the result of a total redesign program. With a user interface that is as easy to use as its consumer counterparts, IFS Enterprise Explorer lifts business usability to a previously unrealized level. IFS Enterprise Explorer is a rich Internet application (RIA), combining a rich user experience with a web deployment model. It is installed on, and launched from, a web server, just like a normal web page. No installation or management on the clients is needed. All communication takes place over Http(s) for easy deployment in LANs, WANs, as well as through the public Internet.

By incorporating such features as IFS Enterprise Application Search, a Google-like search facility, tangle-free navigation and an icon-driven menu, IFS Enterprise Explorer provides users with a reassuring familiar look and feel. IFS Enterprise Explorer brings many new advantages to the table. For example, in addition to increased productivity due to ease of use and intuitive design, users can become fully proficient in hours rather than days.
WE MAKE SOLUTIONS NOT EXCUSES

We are a hands-on company that believes action speaks louder than words. In developing our aftercare services the essence is on speed, thoroughness and results. Customers are able to choose one of our aftercare packages that precisely suits their business.

The intelligent design of IFS Applications makes it far easier and quicker to implement than many of its counterparts. So you avoid lengthy and expensive periods of implementation, and can be up and running with the minimum of disruption.

Our approach to implementation is to have you fully operational in the shortest time possible. To accomplish this we create dedicated teams who remain loyal to your projects throughout the implementation stage and beyond. That way you are assured of a level of response that translates into a really proactive after-sales care program.

From our global network of offices we provide a local presence in virtually all markets around the world as well as quick-response cover when and wherever you need it.

We offer a broad choice of service packages ranging from an intensive 24 x 7 option to a basic maintenance contract for those who prefer to take care of things themselves.

Another important aspect of our support offering is the choice of communications channel. In addition to telephone support, IFS’ Internet Support Center provides customers with online access to the global support system and all related information. The Internet-based support center ensures secure, unlimited access to online support resources.

“With 450 users worldwide, many working in companies that had been acquired, we needed an application that would not only be able to run immediately after a specified and unmovable date, but that could be implemented across multiple companies and multiple markets.”
Chris Beveridge, IT director for the broadcast systems division, Vitec, UK

“IFS Applications has paid for itself and has allowed us to react to our customers faster. We went live with IFS Applications on time and under budget.”
James Tieri, IT Director, Holland Company, USA

“We picked IFS since we needed the functionality and capability of a tier-one solution, and we required greater agility and ease of implementation than other enterprise resource planning (ERP) applications could deliver. Our management team was delighted that IFS’ service-oriented component architecture provides a very powerful and flexible solution without the high maintenance of more traditional tier-one products.”
Alan MacPhie, Controller, Hecla Mining, USA

“No-one really believed that enterprise software could be introduced in only three months. Yet thanks to the flexibility of all parties, the short, direct routes of communication between the members of the project team, and the unconventional approach, it was possible to achieve the goal as planned.”
Joachim Schwarz, SKE Group Head of IT and authorized representative of SKE Facility Management GmbH, GERMANY
"Our most important reason for choosing IFS was that we were given consultants who knew our industry, we got industry-specific functionality, and the pilot study showed that IFS truly understood and could meet the requirements of our industry."

Bjørn Wigstrøm, CFO of Kitron, NORWAY

"One of the key success factors was involving IFS consultants in our integrated project team. There is no 'us' or 'them'; we are all part of the same team. The IFS consultants are really focused on getting to know us as a company and understanding our business. They take responsibility and are committed to the result. They are a natural partner to us."

Arjen Hoefkens, IT Manager at Heerema Fabrication Group, NETHERLANDS

"When IFS Applications went live at Złomrex, Ferrostal and Walcownia and other business entities, the IFS consultants taught us a lot about the implementation methodology. Now we have no concerns about doing a roll-out of the system on our own in other companies belonging to the Group."

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Phanit Laosirirat, Ph.D., Executive Director FTPI, THAILAND

"Our first site to go live was New Zealand. This took place in May 2007, followed by Singapore in July 2007, and then all of the Australian sites in October 2007. This covered 80% of the company, approximately 300 people. It was a phenomenal rollout that was highly successful, especially considering the geographical spread being covered."

Graham Owen, CIO, Hawker Pacific, AUSTRALIA

"IFS has top-notch business analysts, project managers, infrastructure specialists and application specialists who have provided us comprehensive, mission-critical solutions in our core operational environment time and time again."

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IFS Applications is built using the same principles as successful manufacturers—the production and assembly of components. Thanks to our service-oriented component architecture you can choose only the business components you need. And add new ones as you go along.

IFS Applications is comprised of 100+ business components, which in turn are made up from 6000+ smaller software components. Each component has a well-defined purpose and interface that describes what the component does. This allows change and evolution within a component without affecting other components. You benefit from this approach by being able to choose only the business components you need. Other components may be added without disrupting the components already in place. This results in an operational system that can evolve in an orderly way without the “big-bang” approach required by a non-component-based, monolithic system.

HFG uses the specific EPCI solution that is based on components. The component structure allows us to expand the current solution in phases with new functionality for our organization. Using IFS Applications is a prerequisite for HFG to set the next step in our strategic development.

Arjen Hoefkens, IT Manager, Heerema Fabrication Group

HEEREMA BOUGHT:
- IFS Financials
- IFS Human Resources
- IFS Engineering
- IFS Manufacturing
- IFS Distribution
- IFS Maintenance
IFS Applications is an organic solution that grows in accordance with both customer demands and business development. The component architecture makes it far simpler to incorporate new functionality so customers are able to keep completely in step with new developments.
IFS’ CROSS-FUNCTIONAL COMPONENTS

Our cross-functional components are a set of powerful tools designed for streamlining, simplifying, and handling critical processes found within most industries and businesses. These processes include business performance, customer relationship management, supply chain management, business modeling, and document, quality, and eco-footprint management.

**IFS BUSINESS PERFORMANCE™** is an integrated performance management system supporting target-setting, follow-up, and analysis of performance measures. IFS Measure Library includes around 200 predefined, ready-to-use measures that provide a fast track to performance measurement. IFS/Scorecard plays an important role in any corporate performance management (CPM) solution as the central repository for all performance-related information.

**IFS ACCOUNTING RULES™** provides a common set of rules for all manual and automatic postings within IFS Applications. It offers an excellent overview that secures your company’s accounting model. Standardized interfaces make it easy to handle transactions sent to and received from IFS Applications and non-IFS business solutions.

**IFS BUSINESS REPORTING™** encompasses the broad report functionality in IFS Applications, which covers all types of ad-hoc, operational, Microsoft Excel® based, and analytical reporting, including Business Analytics, Quick Reports, Report Designer, and Output channels.

**IFS DOCUMENT MANAGEMENT™** is a complete document management solution that gives you full control over your company’s documentation. It handles the creation and development process for documents and includes easy-to-use search tools. Other functionality includes workflow, templates, version and release management, support for invoice scanning (OCR) and redlining. IFS Document Management has all the features to satisfy any power user, yet its web-based interface is so user-friendly that novice users can be up and running in a few minutes.

**IFS QUALITY MANAGEMENT™** lets you define control plans, test and inspection instructions, standards for parts, suppliers, or manufacturing processes—or any combination of these. Samples are linked to shop orders, purchase orders, serial numbers, lot numbers, and time stamp processes. The most common SPC charts for variables and attributes are supported, and capability indices can be calculated for any process. Overview forms with standard interfaces can be used to feed third-party products for more advanced statistical calculations.

**IFS CASE MANAGEMENT™** enables you to provide workflow-based case management with full traceability and swift dispatch. It enables employees and partners to register issues, link them to relevant business objects, and route them using queues or direct dispatch. IFS Case Management also provides support for thorough analytics by bundling a set of prepackaged measures for all stages of the process.

**IFS BUSINESS MODELER™** is an integrated package of tools, methods, and graphical models for developing and communicating company work procedures, routines, and responsibilities. You can use it to tune and communicate your company processes while implementing IFS Applications. The graphical documents produced become models for corporate structure and processes.

**IFS ECO-FOOTPRINT MANAGEMENT™** offers comprehensive support for all stages of a product’s lifecycle, through the entire supply chain to the use phase and end of life. Fully integrated in the IFS Applications suite, it leverages existing data, lets you create material declarations and environmental product declarations, and serves as a base for environmental reporting such as GRI. Due to its flexible nature it can be used for all kinds of compliance purposes, e.g. REACh, RoHS or WEEE, as well as eco-label proofing.
IFS’ financial components give you a comprehensive view of your business from a variety of perspectives. When you spot a trend worth investigating, you can drill in to the appropriate financial transactions and scrutinize them in detail. These components enhance control at all levels of the organization and support regulatory needs around the world.

IFS/CASH FLOW™ offers you flexible liquidity analyses based on a variety of scenarios that you select. Use customer orders, purchase orders, accounts receivable and payable to generate projections of your cash position. Use this information to analyze your company for better cash management and strategic decision making.

IFS/ACCOUNTS PAYABLE™ simplifies handling of your supplier invoices and payment processes. Support for self-billing reduces invoice handling. A variety of currency and payment options contributes to the flexibility of the component while follow-up and analysis capabilities ensure full control.

IFS/ACCOUNTS RECEIVABLE™ simplifies customer invoicing and payment processes. It automatically handles coding of routine transactions. Integrated with customer orders and accounting rules functionality, it helps minimize errors and simplify routines.

IFS/FIXED ASSETS™ is a fully integrated accounting tool for strategically managing your company’s fixed assets. Moreover, it includes multi-country support for depreciation methods, making it the perfect fixed asset tool for a global organization.

IFS/CONSOLIDATED ACCOUNTS™ provides users with data from any number of companies consolidated into one place. They can map different charts of accounts, budgets, and currencies from subsidiary to parent. Snapshots of subsidiary data, taken during the period, enable management to view up-to-date consolidated financial information whenever needed.

IFS/GENERAL LEDGER™ ensures you have a solid base for financial analysis and reporting, plus powerful simulation capabilities, including multiple general ledgers and advanced distribution rules. It helps you to gather and consolidate financial events from all systems and subsidiaries within a corporate group.

IFS/BUDGET MANAGEMENT™ lets you manage the planning, budgeting, and forecasting workflow in IFS Applications. Use it to set your corporate strategy and to fix targets for the scorecard and budget templates. Continuous planning and rolling forecasting allow you to monitor and update the process at all stages. This component is designed for integration with Microsoft® Excel®.

IFS/EINVOICE™ improves and automates the supplier invoicing workflow by reducing the amount of invoices needing manual registration. Invoice scanning as well as true electronic invoices are enabled. Advanced rules for authorization and matching with purchase orders significantly speed up the invoice processing. Events messages and history logs further improve the process and make follow-up easier.
HUMAN RESOURCES COMPONENTS

Our human resources components save time and money by helping you manage your company’s most valuable resources cost-effectively. These components provide fast, accurate analysis, meeting all your company’s key needs for personnel development. They provide essential processes for workforce management and successful strategic human capital management.

**IFS/SELF-SERVICE™** provides a complete manager and employee self-service tool that ensures high data quality and employee involvement. Managers perform HR-related tasks through web pages designed to match their needs. Employees update their own employee data, apply for internal job opportunities, etc.

**IFS/RECRUITMENT™** simplifies the hiring of new employees by supporting all hiring processes from the personnel requisition to the final transfer of data to the employee file.

**IFS/EMPLOYEE DEVELOPMENT & CERTIFICATION™** helps you to create strategic human resources plans and processes for your company by defining your organization’s skill/competency requirements and mapping them to your available resources. Once the requirements are defined and mapped, you can use them for recruitment, employee development, or a listing of outdated or overrepresented competencies.

**IFS/TRAINING MANAGEMENT™** provides comprehensive support for organizations with extensive internal training operations. It enables you to compile internal training requirements and use them as input for planning training events while automatically updating employee files after courses have been completed.

**IFS/EXPENSE MANAGEMENT™** streamlines and simplifies your company’s traditional expense management and reporting system by automating everything from tax calculations to travel allowances. Employees on the move can use the web interface to report their expenses no matter where they are.

**IFS/TIME & ATTENDANCE™** makes it easier for you to manage information on the working hours of your employees. Wage code distribution and the calculation of flexi-time, overtime, shift premiums, etc. are automatic and checked against the central rules. Moreover, you save critical time when employee input simultaneously feeds payroll and project, maintenance, or production systems.

**IFS/PAYROLL ADMINISTRATION™** simplifies and manages all your payroll procedures. Complete payroll solutions are available in selected markets, and a standard interface to third-party payroll solutions is available throughout the world.
SALES & SERVICES COMPONENTS

Our sales and service components provide business processes vital to customer relationship management (CRM). They manage the customer interaction chain from the sales lead, through the sales cycle, to the ongoing support and service of the customer. Our sales and service concept allows a business to focus on where it adds value to the customer through product, service, and support.

**IFS/SERVICE CONTRACT MANAGEMENT™** lets you accurately specify and control the service level for each of your customers and service activities. It improves efficiency by automatically checking and following up on items agreed in the contract.

**IFS/FIELD SERVICE™** enables your service operations to streamline their customer-focused business processes from quotation and order taking to invoicing and analysis. It also supports field service and workforce scheduling as well as accurate pricing within and beyond warranty periods.

**IFS/CALL CENTER™** enables you to effectively provide call center services to your customers for field service or product support. IFS/Call Center also supports thorough analytics by bundling a set of prepackaged measures for all parts of the process.

**IFS/SALES CONFIGURATOR™** guides your sales personnel and customers smoothly and conveniently through your selection of products, product characteristics, and accessories. An easy-to-use “product advisor” builds configurations through a series of questions that precisely define requirements.

**IFS/WEB STORE™** is an out-of-the-box solution for web-based order management and an ideal tool for spare parts sales. You get a variety of ways of searching for and selecting products, as well as price and availability checks, customer registration, and order tracking.

**IFS/SALES & MARKETING™** simplifies your marketing and sales processes while conveniently providing management with key data for decision-making. Your sales team can track, manage, and perform activities to secure sales opportunities while your marketing department can easily manage marketing campaigns and communicate with customers.
ENGINEERING COMPONENTS

Our engineering components make it easier to specify and configure design elements, products, assemblies and facilities. The components ensure quality by streamlining the administration of all related documentation, including revisions. Everyone in the organization gets the information they need, providing continuously updated data for technical, administrative, and financial decisions. Integration between purchasing, engineering, and manufacturing processes enables a true cross-company picture.

**IFS/ASSET DATA MANAGEMENT™** is a multidisciplinary engineering framework for creating and maintaining information about objects in plants, power grids, fiber-optic networks, and many other types of structures or facilities. It includes powerful tools for engineering processes and support for Internet-based collaboration. Project information from suppliers and consultants can be imported directly. Used in conjunction with IFS/Purchasing, it enhances the efficiency of the procurement process. Its tight integration with IFS Maintenance ensures complete asset lifecycle support, including large revamp projects, without disrupting the maintenance processes.

**IFS/ENGINEERING CHANGE MANAGEMENT™** simplifies and speeds up engineering change processes. It lets you receive, review, check, and approve changes before implementing change orders.

**IFS/PROJECT DELIVERY™** lets you coordinate complex deliveries throughout their lifecycles—from tendering, detailed design, procurement, manufacturing, and/or assembly to testing, delivery, after-sale support, and maintenance.

**IFS/PDM CONFIGURATION™** is a product data management tool that supports engineering design, configuration control, and follow-up of items and products. Its advanced revision management capabilities help you comply with complex regulations. Its powerful “best-fit” search and copy functionality lets you reuse items and designs, making it easier to standardize products and parts.
PROJECT COMPONENTS

Our project components, together with the other IFS components, provide a completely integrated set of tools to manage the complete project lifecycle. Fully integrated with other IFS components such as financials, procurement, inventory, customer orders, manufacturing, engineering, human resources, document management, and asset and service management, the solution is used by many types of businesses who use project principles to manage their business, including project-based manufacturing, engineering, construction, contracting and infrastructure, and R&D organizations.

IFS/PROJECT REPORTING™ allows project cost transactions to be processed against a project including time, expenses, materials and other types of miscellaneous costs. The component is also used as the basis for billing clients where reimbursable contracts are needed. Price lists can be attached to projects to define what rates are to be used.

IFS/Sales Contract Management™ provides lifecycle management of a sales contract from bid and tendering through completion and handover. The component also includes application-for-payment functionality and keeps control of defined mark-up and retention rules, certificates, and payments. Invoices and applications can be generated based on a number of flexible options including progress, quantity, sales value, cost plus and milestones. Reimbursable project invoicing is also supported. The component has strong change management capabilities to manage variations to scope.

IFS/Sub Contract Management™ manages simple or complex sub-contractor activities; e.g. where a construction phase is sub-contracted, this component allows the scope to be managed. The solution allows progress to be tracked and valuations to be made based on valuation methods such as progress and quantity installed. The solution has strong change management capabilities to manage variations to scope. Work Instructions can be sent to the sub-contractor. Invoices and applications can be received from the sub-contractor, and valuation certificates can be generated.

IFS/Risk Management™ allows project risk assessments to be defined. User-definable risk templates help establish consistent working practices. Potential problems and consequences are defined so you can manage the actions and responses required to mitigate the risk.

IFS/Project Planning™ allows project schedules to be established in IFS. Gantt display options are available. The planning logic supports dependencies and constraints. Resource planning and simulation are also supported. If tools such as Microsoft Project or Primavera are to be used, IFS provides bi-directional integration to these.

IFS/Project Budgeting™ provides comprehensive functionality to manage Project Cost Control. User-definable project forecast types enable users to support multiple versions of project estimates, budgets, forecasts, reviews, etc. The system supports Estimate to Complete and Estimate at Complete principals. Budgets can be controlled by Cost Breakdown Structure and WBS. Spreading rules are available, including S Curves and Straight Line logic.

IFS/Project Management™ allows you to create projects using user-defined Work Breakdown Structures. Templates can be used to establish business process consistency. Costs, revenue, hours and quantities can be associated with the project WBS. Progress and Earned value are supported. All costs are tracked at all levels of the WBS, including Estimate, Baseline, Latest Forecast, Committed, Earned Value, and Actual. The Project component holds the project plan, which is then used to generate the sub-plans for other areas such as procurement, engineering, manufacturing, installation and construction.
MANUFACTURING COMPONENTS

Our manufacturing components combine a simple, highly automated flow for taking care of repetitive tasks with advanced management-by-exception functionality to trap and action exceptions. This powerful, multifaceted solution supports planning, execution, control, and analysis in many types of manufacturing, in all phases of the manufacturing process, and for all your employees. It also supports lean principles as well as mixed-mode manufacturing, where different types of processing coexist in the same manufacturing environment system.

IFS/MULTISITE PLANNING™ helps you improve on-time delivery and customer satisfaction by better forecasting supply and demand for your products when working in a multisite environment. You can develop a comprehensive master production schedule, calculate time-phased material net requirements and optimal lot sizes, create distribution orders, and then calculate the production capacity needed.

IFS/MAKE-TO-PROJECT™ provides a unique concept for manufacturing in a project context by providing the flexibility to connect shop orders, multilevel pegged (DOP) structures, purchase orders, and other items directly to project activities. Inventory functionality can be performed in a project context, and material can be transferred between project activities, and between project inventory and standard inventory.

IFS/ENGINEER-TO-ORDER™ makes customer-specific design easier to handle by integrating projects and product structures. The ordered product structures can be a combination of standard products and project-specific structures. Procurement is initiated by the project plan, and every change can be registered, ensuring optimal flexibility, control, and cost-effectiveness in the delivery project.

IFS/MAKE | CONFIGURE | ASSEMBLE-TO-ORDER™ manage and simplify production to order, from advanced make-to-order (MTO) to simple assemble-to-order (ATO), and for order-unique design as well as characteristics-based configuration and standard products.

IFS/CONSTRAINT-BASED SCHEDULING™ optimizes your production schedule so you can quickly respond to changes in the marketplace or customer demands. By identifying production bottlenecks, you can deliver on time and keep production costs under control. Multisite, multilevel capability check gives you an advanced tool for accurate delivery time estimation. The component also includes Advanced Planning Board, an off-line scheduling planning tool which you can operate simultaneously with the on-line client.

IFS/COSTING™ provides insight into the costs associated with your company’s products so you can make better-informed decisions. It supports traditional costing, activity-based costing (ABC), or a combination.

IFS/BATCH PROCESS™ gives batch-oriented processing companies a competitive edge through more efficient production planning, on-time deliveries, and higher product quality.

IFS/REPETITIVE PRODUCTION™ improves efficiency by reducing, and even eliminating, transactions in the manufacturing process. Combined with IFS/Planning, you can create a hybrid pull/push system using material requirements planning (MRP) to generate production line schedules, plan supplier schedules, and dimension Kanban circuits.

IFS/SHOP ORDER™ is a comprehensive tool for monitoring and controlling shop orders throughout their lifecycles, ensuring that manufacturing performs all work as planned. It includes support for many production models and is closely integrated with IFS/Costing and IFS/Inventory.

IFS/SHOP FLOOR REPORTING™ provides an efficient, easy-to-use way for your employees to quickly report production information. It gives you the status of your operations, the quantity of manufactured and discarded items, and the accumulated operator hours.
Our distribution components, together with manufacturing, form the basis of your supply chain management solution. These components offer the simplicity you need to better visualize product flows and use the system efficiently, and you can easily adapt to different distribution models and working methods. They give you the agility you need to grow and support change throughout your enterprise and let you take advantage of real-time communication throughout the order-to-delivery chain.

**IFS/DEMAND PLANNING™** is one of the most sophisticated and easy-to-use forecasting tools on the market today. A highly collaborative, graphical, and interactive tool, it allows you to plan visually using graphical representations.

**IFS/INVOICING™** ensures fast and accurate invoice handling. It gives you the capability to automatically print, post, and update invoices from IFS/Customer Orders to accounts receivable (AR), enabling instant monitoring of your customer accounts and credit limits.

**IFS/CUSTOMER SCHEDULES™** integrates your manufacturing processes and production schedules with your customers’ demands to provide greater delivery precision, shorter lead times, lower inventory levels, and more cost-effective operations.

**IFS/CUSTOMER ORDERS™** handles your customer order processing at one or more locations and is a fundamental part of the IFS Supply Chain Management (SCM) solution. IFS/Customer Orders provides a multitude of pricing options for your business, enabling you to work with tailored pricing models.

**IFS/SUPPLIER SCHEDULES™** improves your administrative efficiency by reducing the number of transactions requiring user input. It is ideal for high-volume manufacturing environments, leveraging repetitive partnerships with a continuous and high-volume flow of order information.

**IFS/PURCHASING™** lets you streamline your purchase administration and is a fundamental part of the IFS Supply Chain Management (SCM) solution. It helps companies achieve better pricing from suppliers through centralized purchasing and is well suited for multisite companies operating in the global environment.

**IFS/INVENTORY™** streamlines your entire inventory process. Extensive statistical functions are built into the system for detailed analysis. Multisite environments are fully supported, and designated clients facilitate movement of goods between sites.
MAINTENANCE COMPONENTS

Our maintenance components are part of a complete enterprise asset management (EAM) system that enables you to anticipate and adapt to the rapidly changing demands of the world around you. Easy to work with and access, the solution contains the comprehensiveness and depth of functionality that you need for day-to-day maintenance requirements as well as continuous development and improvement.

IFS/COMPLEX MRO™ helps you provide superior customer service and reduce costs through leaner, more efficient MRO operations. By aligning personnel, material, and other resource requirements, you can reliably meet due dates and improve turnaround times.

IFS/VEHICLE INFORMATION MANAGEMENT™ is a powerful, comprehensive tool for integrated fleet and configuration management as well as for regulatory compliance. It supports serialized parts control, operational planning, preventive maintenance planning, and modification management.

IFS/PROCESS AUTOMATION INTEGRATION™ helps you to manage the interaction with automation equipment from different vendors. It uses OLE for Process Control (OPC) and IFS/Connect as a communication platform.

IFS/SCHEDULING AND RESOURCE ALLOCATIONS™ streamlines work order scheduling and activity planning, providing a common way of planning preventive maintenance and initiating corrective maintenance. The graphical drag-and-drop interface lets you make changes quickly and simply. Through integration with IFS Human Resources, it enables you to automatically compare personnel needs with the availability of various competencies. Constraint-based scheduling for work orders is supported for more complex maintenance activities.

IFS/PREVENTIVE MAINTENANCE™ helps you manage schedules for regular preventive maintenance. You can organize and prepare all kinds of tasks in a facility. You can also schedule tasks according to your own maintenance parameters, such as machine condition, specific events, a calendar, or even whether an employee or contractor must perform the tasks.

IFS/WORK ORDER™ manages all tasks affecting your maintenance organization—fault reports, preparation, planning, and final reporting. Maintenance work becomes more efficient, which reduces direct and indirect maintenance costs, and the loss of revenue due to downtime.

IFS/OVERALL EQUIPMENT EFFECTIVENESS™ evaluates proposed improvements in equipment performance to increase revenue. It registers all operational events, such as availability, performance, quality, and overall equipment efficiency, with easy-to-use graphical interfaces for operators and process engineers.

IFS/EQUIPMENT METERING™ enhances profitability and gives you better control over the use of equipment requiring service. Meters enable service to be scheduled and invoiced according to how much the service object is used.

IFS/EQUIPMENT MONITORING™ minimizes downtime by giving you up-to-the-minute information on equipment as it is operating. You can track current equipment status, stop reasons, and produced and rejected quantities to make better-informed decisions about your equipment usage.

IFS/EQUIPMENT™ manages physical information about your machines, buildings, ventilation systems, and/or transport systems. Fully integrated with IFS/Asset Data Management, it provides a complete asset lifecycle management (ALM) solution for both new construction operations and plant rebuilds.
BUSINESS ENabler COMPONENTS

Our business enabler components let you create and enhance relationships, taking advantage of the latest web-based technologies. You can give employees, customers, suppliers, and other partners personalized, accurate, real-time information through easy-to-use role-based portals and built-for-purpose mobile solutions. IFS’ business enabler components also provide integration with internal and external systems through web services while ensuring security, performance, and scalability.

IFS/COLLaborative SOLUTIONS™ enables you to set-up a personalized portal for your customers, suppliers, and partners, giving them access to key collaborative processes in IFS Applications. These processes range from customer orders and support management to collaborative project and product lifecycle management (PLM) processes. The easy-to-use web-based portal offers real-time information regarding supply chain management (SCM) processes and online requests for quotation (RFQ).

IFS/PERSONAL PORTAL™ provides all users—employees as well as business partners—with a role-based process portal to IFS Applications. It’s an easy-to-configure entry point that provides an overview to the information that people need to get their jobs done.

IFS/MOBILE & WiRELESS SERVICES™ is a unique device-independent mobile framework that helps you increase productivity and reduce operating costs by automatically capturing data in the field and synchronizing it with the business processes in IFS Applications.

IFS/EVENT MANAGEMENT™ lets you extend the capabilities of IFS/Personal Portal by proactively notifying people and initiating actions as business events take place. Integrated with IFS/Connect, the application lets you subscribe to and receive notification through a wide range of communication channels, such as e-mail, SMS, or your own My Messages portlet.

IFS/SYSTEM INTEGRATION & WEB SERVICES™ enables you to integrate with IFS Applications using web services and other transport protocols, and interoperate with other integration solutions such Microsoft® BizTalk® Server and Oracle BPEL Process Manager®.
IFS Applications. A single product that guarantees native integration and ease of use. User-friendly software with a user-friendly interface. A component architecture that lets you implement what you need, when you need it—and eliminates technology lock-in. Business solutions designed to optimize 4 core processes in a selection of industries. Anything missing? Yes, our development processes, which are as agile as the solutions we sell.

From watching the market and listening to our customers we’ve learned that trends change so quickly today that the traditional ‘mega-release’ every 18-24 months just isn’t good enough. By the time a new version was launched, the market had moved on and customer requirements had changed. And to be honest, we went down that path too. But it just wasn’t good enough—playing catch-up is no way to do business profitably. So we changed.

Today, IFS Applications is developed in close collaboration with our customers. Instead of shutting ourselves into our chambers and surprising the market every so often, we’ve opened IFS R&D to our customers. Regular feedback and relatively small-scale releases mean that we get the functionality right, the quality is high, deliveries are fast, and we can control roll-out much better.

Ready for some facts? We’ve cut our work in progress by 60%, increased our delivery rate by a factor of 10, and greatly enhanced quality. As a direct consequence, our developers have become more motivated and have a greater insight into the world of the customers. And the time and money we save is being further invested in making the process even more agile, more efficient and more profitable—for us and for you.
ONE PRODUCT
COMPONENT-BASED
BUILDING FOR CHANGE
TOTAL INTEGRATION
USER EXPERIENCE
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 2,000 customers and is present in more than 50 countries with 2,700 employees in total. Net revenue in 2009 was SKr 2.6 billion.

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