



IFS APPLICATIONS™ FOR

# ELECTRONIC COMPONENTS



## 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.**

# AS EASY AS CHANGING A LIGHT BULB

In the electronic components industry, the most successful companies are those that can effectively manage change. IFS' integrated planning and scheduling tools help you prepare for and react to change, minimizing supply chain delays, eliminating the need for large inventory reserves, and maximizing your profit margins.

And with its built-in support for lean manufacturing techniques, including Kanban, IFS helps you eliminate waste in the production process, leading to reduced costs, improved product quality, and more satisfied customers.



# BUILD YOUR OWN FUTURE

**IFS Applications is component-based, meaning you can implement the functionality you need today and then add components as your requirements change and budget allows. With more than 60 integrated components, you can be assured that IFS has the solution to all your business challenges—both now and in the future.**

## GREATER SUPPLY CHAIN EFFICIENCY

IFS' supply chain management application gives you the tools to better manage short- and long-term delivery schedules. The system processes customer schedules automatically after they are received from customers, providing the basis for material requirements planning (MRP) and production planning. With IFS' planning tools, you can optimize material supplies and production capacity according to the model you selected. At the same time, the system compiles parallel delivery for the next stage of the supply chain. IFS' tolerance checks also help you minimize variations in supplier schedules. The fast, accurate information flow minimizes supply chain

delays and the need for large inventory reserves, resulting in improved profit margins.

## GREATER CUSTOMER SATISFACTION

IFS' comprehensive product data management (PDM) application, two-way CAD integration, and integrated document management system streamline the engineering and design process for configure-to-order and engineer-to-order products. Working in a single system, engineers can easily share information, no matter where they are located or what design tools they are using. Real-time product information is always at your fingertips. The document review and approval process is more efficient as products can be more easily customized and customers' design revisions can be more easily accommodated.

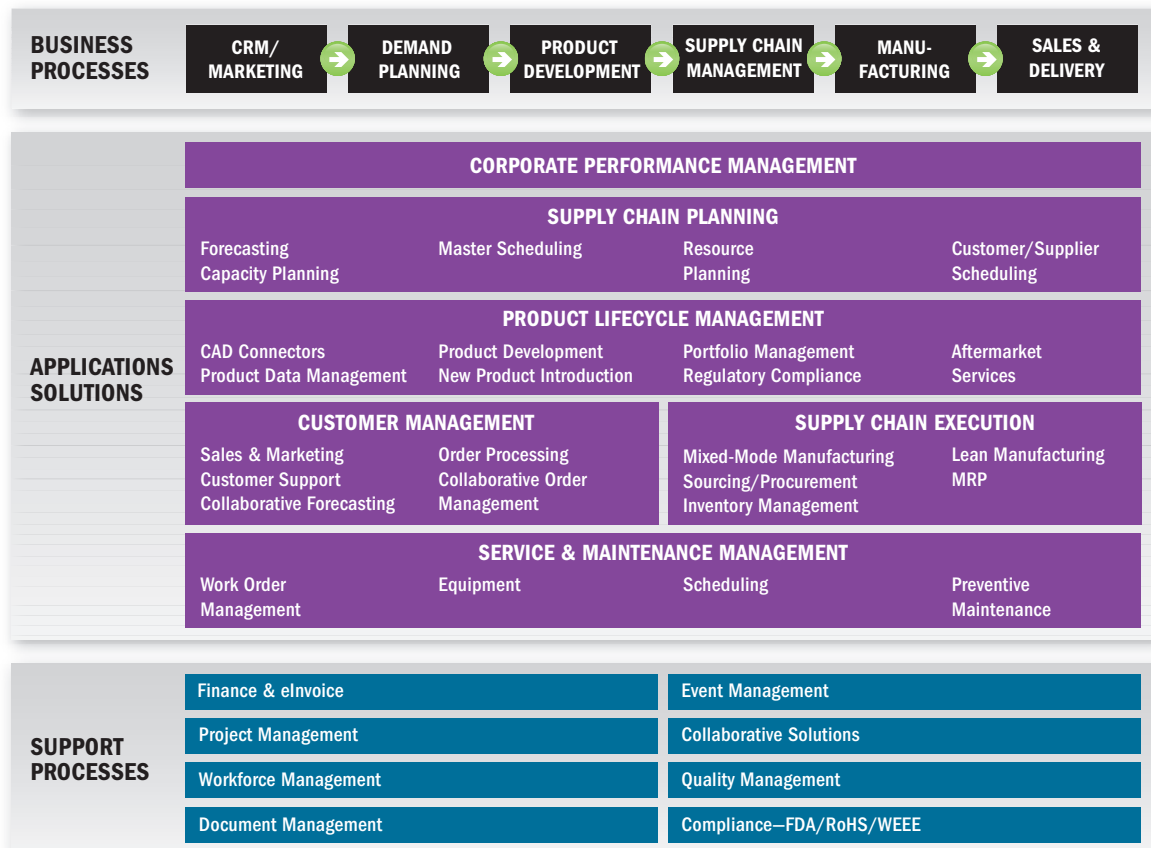
## IMPROVED QUALITY WITH LESS WASTE

IFS Applications lets you use pull/Kanban techniques to level your workflow so that each process produces exactly the quantity needed, resulting in more cost-effective operations and less waste. IFS supports Kanban production at various levels—from simple



## IFS GETS CLOSER TO CUSTOMERS

Single site or multisite. Local. National. Regional. Global. Growing or consolidating. Wherever you are, whatever specific requirements your industry might have, IFS is close, providing agile ERP solutions that increase your return on investment.



This diagram provides you with an indication of the depth of the functionality that makes this solution such a powerful business tool. With the focus on providing solutions to industry-specific issues you are able to increase your competitiveness and raise quality standards while minimizing your costs.

card-based Kanban to electronic Kanban with sophisticated shop-floor reporting. Moreover, instead of using historical data, you can base the size of your Kanban circuit on forecasts.

#### **INSTANT INSIGHT INTO YOUR BUSINESS**

Using Web-based portals, you can monitor project performance, product quality, costs, delivery times, or any other aspect of your enterprise that you feel is important to profitability. And custom, role-based portals can easily be created for anyone in your enterprise—whether they are managers, suppliers, partners, or customers—so they have access to the real-time information they need, when they need it, no matter where they are.

#### **REDUCED TIME-TO-MARKET**

If shortening time-to-market is important to your business, IFS' comprehensive product data management (PDM) application, two-way CAD integration, and integrated document management system can help you streamline your engineering and design process. Working in a single system, engineers can easily share information, no matter where they are located or what design tools they are using. Real-time product information is always at your fingertips. The document review and approval process is more efficient. Products can be more easily customized. And you can get your products to market more quickly without sacrificing quality, leading to higher sales and profits.

#### **CHANGE MANAGEMENT**

IFS Applications lets you increase efficiency and avoid costly errors by managing design changes

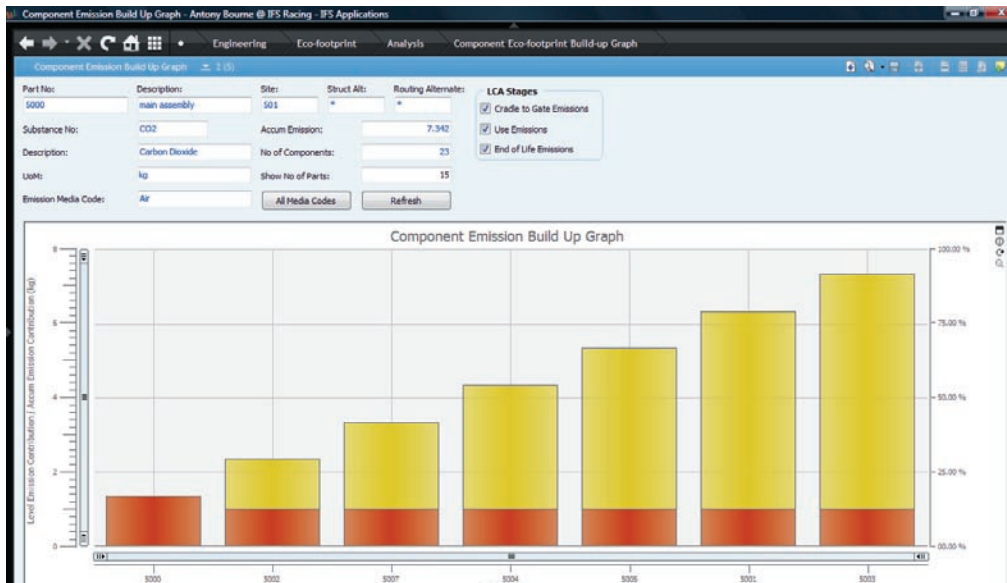
within the system. You can create engineering change requests to handle change proposals such as design improvements from the engineering team, fault reports from the service department, or recommendations from the purchasing department for changing suppliers or materials. Then you can generate engineering change orders to plan and implement each design change, which results in a new item and document revision that can be released after certification.

#### **MULTI-SITE CAPABILITIES**

IFS Applications is the ideal ERP solution for companies requiring a multi-site solution. The solution's component-based design, open architecture and full integration enable companies to easily replicate their IT set-up in different locations assured of total compatibility. With IFS Applications you have an agile solution that can be developed to match the demands of different locations while remaining fully integrated to the parent site. And with offices in over 50 countries, you are never far from IFS support and expertise.

#### **COMPLYING WITH INTERNATIONAL STANDARDS**

As trade borders come down, up spring more and more regulations and standards to ensure that companies comply with agreed international standards. With IFS Applications you have the visibility that enables you to keep strict tabs on all aspects of your business and to make sure that it doesn't fall foul of the law. The exceptional visibility afforded by IFS Applications is a tremendous business asset which plays a decisive role in keeping your business ahead of your competitors.



**ECO-FOOTPRINT MANAGEMENT:**  
Control every product's environmental impact

Dispatch List - Antony Bourne @ IFS Racing - IFS Applications

Manufacturing Shop Order Report Operation Dispatch List

Work Center: 5001 Filter: Selection Operation:  Released  Executable Person ID: Antony Bourne

Production Line: Department: Descriptors: Operation ID: Days Relative to Today: -30 30 Name: Antony Bourne

Shop Order No	Operation No	Operation Description	Part No	Part Description	UoM	Revised Order Qty	Planned Start Date	Planned Finish Date	Work Center
205578	18	Surface Mount	SEA0742/07	16/1463/5 OSRAM ECONOMY PHOTOCELL - LPC110	EACH	60	23/08/2010 08:00:00	07/01/2011 17:00:00	504C
205579	10	Surface Mount	USA0485/00	ECONOMY PHOTOCELL - COMMON SH STAGE	EACH	60	24/11/2010 16:58:17	24/11/2010 16:58:33	504C
205580	20	Inspect	USA0485/00	ECONOMY PHOTOCELL - COMMON SH STAGE	EACH	140	09/12/2010 16:53:00	09/12/2010 17:00:00	504C
205581	26	Prod Assembly	UMD0764-01	PLASTIC ENCLOSURE 75X2249MM "MODIFIED"	EACH	200	28/12/2010 08:00:00	31/01/2011 17:00:00	502A
205577	10	Final Assembly	SEA1499/07	COOPER USB TO RS232 ADAPTER	EACH	100	13/01/2011 14:10:12	14/01/2011 17:00:00	502A
205582	10	Lead wire manufacture	ULE0814	ISSUE 4 ECONOMY PHOTOCELL LEAD - ATLAS	EACH	140	26/01/2011 16:59:14	26/01/2011 17:00:00	502B

Guidelines Tools Material Operation Reports Clockings Material Guidelines Control Plan

Guideline No	Description	Operation	Guideline Text	Work Instruction Type	Shop Use Required
1	Health & Safety		Please ensure that the area is clean of dust before commencing operation	Instruction	Not Required
2	Quality		QA Procedure 19232-1 must be followed at all times	Subtask	Required

Tasks Attachments Output Help

Start Production Stop Production Start Setup Stop Setup Approve Operation Reject Scrap Issue Material Receive Into Inv Kanban Inspection Shop Order Documents Check Mtl Report Control

**SHOP FLOOR MANAGEMENT:**  
A number of shop floor reporting functions are contained within a user-friendly screen allowing touch screen capabilities

## ABOUT IFS AND IFS APPLICATIONS

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 more than 2,000 customers and is present in 50+ countries with 2,700 employees in total.

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

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