



IFS APPLICATIONS™ FOR

# LEAN MANUFACTURING



## 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.**

## AGILE, USER-FRIENDLY SOFTWARE FOR ALL YOUR MANUFACTURING NEEDS

Going LEAN requires total commitment both in practical and theoretical terms. With IFS Applications™ you get the experience, tools and knowledge that provide you with the **agility** to handle complete LEAN manufacturing. Component-based and built on service-oriented architecture, IFS Applications is designed for increased **usability** and **higher productivity**. Intuitive and **task-oriented**, it includes integrated enterprise applications search functionality, rich media notes and in-application viewing of common file types such as Microsoft® Word® and Excel®.

# THE REAL ALTERNATIVE FOR

**In business, as with life, experience counts so it's particularly reassuring to know that our experience in providing technology platforms that support LEAN manufacturing strategies spans nearly two decades. IFS' LEAN manufacturing solution provides you with all the technology necessary to implement LEAN initiatives across your entire business operation—whatever manufacturing business you're in.**

## DO YOU EVER THINK...

- ... that if you could monitor your business in real time, you could make informed decisions that increase your efficiency and maximize your profit-generating potential?
- ... that if you could consistently reduce your operational waste, you would be far better placed to protect your margins while remaining competitive?
- ... that you are lagging behind your competitors because of the limitation of your technology?
- ... if you could increase efficiency, decrease costs and improve customer satisfaction by doing things right the first time, your business would be more secure?
- ... that it would be better to pull your products through the supply chain to increase your inventory turns and improve demand alignment?

... that your business would be more competitive if you could strike a balance between efficiency and your ability to respond quickly by introducing a hybrid approach where LEAN methodology is combined with traditional practices?

## ... THEN THINK IFS APPLICATIONS

### LEAN BEGINS WITH THE ABILITY TO RESPOND TO CHANGE AS IT HAPPENS

With IFS, you get a complete, real-time overview of your LEAN operations from planning right through to execution. This means you stay in constant contact with events as and when they are happening. You can make any necessary adjustments, on-the-fly, so your business is always performing to its maximum profit-generating potential.

### CHANGING THE WAY YOU DO BUSINESS

For many businesses the first step to LEAN manufacturing begins with value stream analysis. This is a systematic method of analyzing all the steps in your business process. From the gathered data it is possible to accurately identify which processes add value and which should be modified or eliminated.

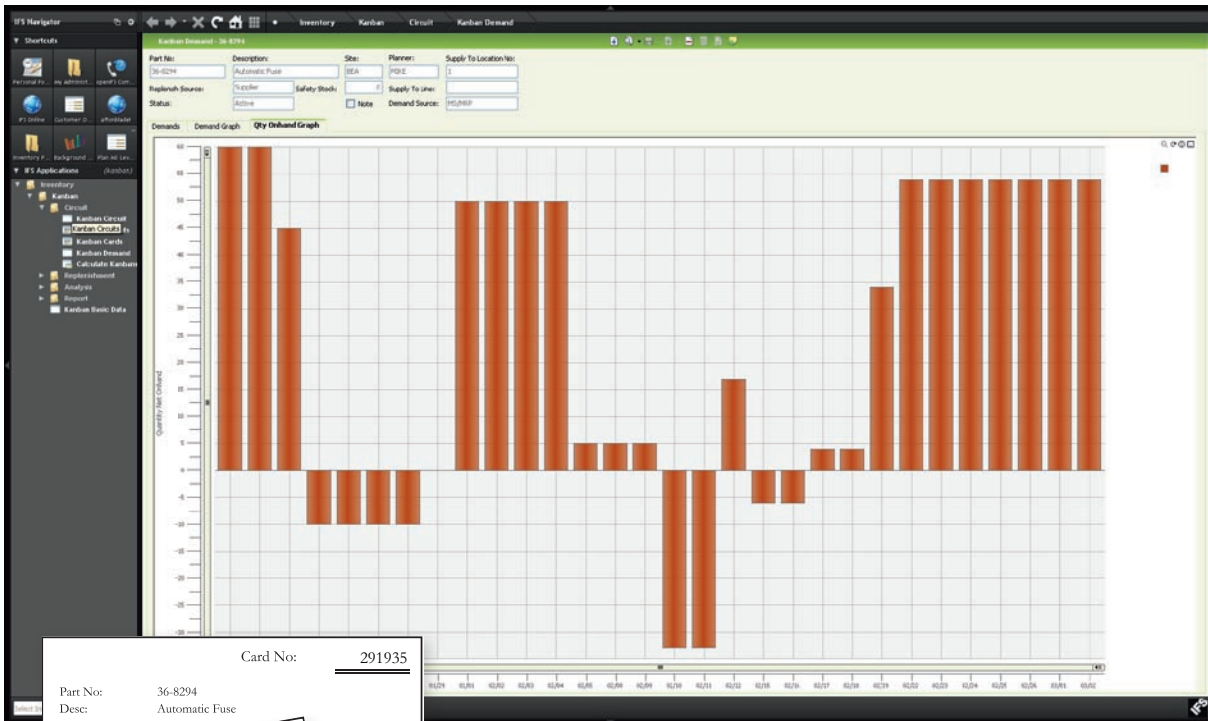
From this information IFS Applications enables you to clearly identify the areas that are inefficient and need to be changed.



## 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.

# AGILE LEAN MANUFACTURERS



Card No: 291935

Part No: 36-8294  
Desc: Automatic Fuse

Kanban Qty: 10  
Supply To: 1


Card No: 291923

Part No: 36-8294  
Desc: Automatic Fuse

Kanban Qty: 10  
Supply From: 5000  
Supply To: 1

Lot Size	10	Kanban(s)	1
Reorder Point			

Card Text: Automatic Fuse



291923

REPLENISHABLE  
SUPPLIER KANBAN

Kanban Circuits are one of the many processes that support Lean Manufacturing. Above is one example where the data can be quickly visualized to ensure efficient decision making.

# カンバン

# NOW YOU TOO CAN BECOME THE LEAN MANUFACTURING

## TURN THE THEORY INTO PRACTICE

LEAN manufacturing is the practice of a theory of production that considers the expenditure of resources for any means other than the creation of value for the customer to be wasteful and therefore should be eliminated.

Although LEAN principles are largely attributed to the post-war Japanese manufacturing industry, history tells us that even earlier the late Henry Ford was also a devotee of LEAN manufacturing and introduced a number of waste elimination programs.

So whether the birth of LEAN was the work of Mr. Ford or the people at Toyota the indisputable truth is that LEAN principles when applied to manufacturing can turbo-boost a company's performance and profitability.

## WHAT IFS BRINGS TO THE TABLE

Once you have made the decision to commit your business to LEAN manufacturing you need to acquire something that is critical to your success. The right tools. And this is where IFS comes in.



As a result of our LEAN manufacturing initiative, we have reduced past-due orders by 80%, increased inventory turns by 20%, improved productivity by 20%, and increased quality by 60%. IFS gives us the technology platform we need to achieve this success in a mixed-mode environment.

**WILLAMETTE VALLEY CO. (NORTH AMERICA)**

With our old system it was hard to show timely improvement trends with regard to our lean manufacturing efforts. With our new IFS software we can see those results much more quickly demonstrating to ourselves and to others that our LEAN manufacturing efforts are providing added value to our customers and rapid payback on our investment.

**DANVILLE METAL STAMPING CO. (NORTH AMERICA)**

The costing component in IFS Applications also adds to our flexibility. In fact, we can use it to shape our costing model the way we want it. With the same system at our Swedish and Danish sites we are more streamlined and our inventory management is much better. IFS Applications is continually being developed and improved so we know we have a system that grows and changes to meet the demands of our industry.

**VBG PRODUKTER AB. (SCANDINAVIA)**



# A MEMBER OF CLUB

IFS has developed a specific range of 'LEAN' tools that you can use throughout all aspects of your operation. Here are a few examples:

- **IFS Kanban™**, which will enable you to implement pull-based planning and execution, streamline manufacturing, increase your visualization and minimize waste.
- **IFS Production Line Management™**, which allows for orderless rate-based planning and synchronization to absorb fluctuations in customer demands.
- **IFS Quality Management™**, an integrated system which monitors quality control. It supports Failure Mode and Effect Analysis (FMEA), a systematic technique for recording and analyzing accrual and potential problems with a design or process.
- **IFS Lean Scorecard™** is a web portal that uses gauges, color-coded indicators, and other visual cues to instantly show the status in achieving your lean operational goals.

## EXTENDING YOUR LEAN REACH

LEAN initiatives needn't be restricted to the shop floor. More and more companies are successfully extending LEAN methodology into other parts of their operation. The result is that areas that they had not even considered are being tuned to higher performance and waste elimination.

Building on the back of 20 years experience of developing applications for manufacturing and asset-intensive industries, IFS has created a business solution that supports LEAN thinking beyond the manufacturing stage to include product design, sourcing strategies and your back office.

## WE'LL SUPPORT YOU DURING EVERY STEP OF YOUR JOURNEY

Companies must often look beyond the shop-floor to find opportunities for improving overall cost and performance. Working with IFS Applications you get the technology, the know-how and the experience to turn every part of your business—LEAN.



These Japanese words are often used when referring to LEAN principles and are commonly used when talking LEAN.

## 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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