



IFS APPLICATIONS™ FOR

# MAX OEE

REALIZE YOUR FULL POTENTIAL



## 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.**

# UNIQUE CHARACTERISTICS OF MAX OEE

**IFS Max OEE** provides detailed data analyses that can be actioned by manufacturing professionals and management

**IFS Max OEE** fully supports collaboration between operators, managers, maintenance technicians and design engineers

**IFS Max OEE** incorporates visualization tools, such as time lines and tree maps for the manipulation and interpretation of large quantities of data

**IFS Max OEE** provides an open and public interface for quick and easy data capture in real time

**IFS Max OEE** is fully integrated with EAM or ERP systems

**IFS Max OEE** provides support at line operator level via an easy-to-use graphic interface



# ARE YOU SURE YOU ARE GETTING THE MOST OUT OF YOUR INVESTMENT?

**The impact of technology on the performance of modern industry is enormous. However, in many cases the impact could be even more significant. The fact is that the level of operational efficiency of most assets is variable. Changes of speed, unplanned stops and inconsistent quality all have profound effects on delivery times, production planning and pricing, and constantly threaten to erode profitability. Unless you have a business solution with the capability to monitor your asset performance levels in great detail, there is a very real possibility that you are not getting the maximum performance.**

Although the concept of Overall Equipment Effectiveness (OEE) as a key performance indicator has been used extensively within asset intensive industries for a number of years many, OEE solutions lack the depth of functionality necessary to gather

all the critical data. Consequently they fail to meet the requirements from both operational and management levels.

With IFS Max OEE you have the advanced functionality necessary to accumulate all essential information concerning the performance status of your assets and to store it in one, easy-to-access point. This means you are always fully informed and can quickly and efficiently respond to performance dips, whatever the reason.

From the moment IFS introduced its first Max OEE solution—incidentally now into its third generation—the focus has been on extended support. That's why in addition to providing management support, IFS Max OEE extends down to the operational level where operators are able to access data in real time to make certain an asset is performing to the maximum. Should the operators detect performance deficiencies, they can make adjustments



**SUFFERING UNPLANNED STOPS, SPEED CHANGES AND INCONSISTENT QUALITY ISN'T UNIQUE. BUT HAVING AN OEE SOLUTION THAT CAN OVERCOME THESE PROBLEMS IS.**

while the asset is running, thereby avoiding any lengthy and expensive downtime. Effective collaboration between different shift operators is clearly important in achieving a consistently high level of performance and is supported by IFS Max OEE via an electronic log book.

#### **FINDING THE RIGHT CURE BEGINS BY FINDING WHERE IT HURTS**

Dips in an asset's operational efficiency can be the result of a multitude of causes. This makes it extremely difficult to determine the cause and practically impossible to find the correct long-term remedial action when your OEE solution doesn't have the capability to present you with all the facts. Only IFS Max OEE gives you the depth of functionality and monitoring that enables you to gather and analyze all the relevant data that will enable you to explore all the possibilities. For example, only when you are in possession of all facts are you able to determine that it isn't the actual asset that is failing but that the operational practice is at fault. From your findings you are in a position to make organizational changes between differing disciplines and implement increased knowledge sharing, which will ensure that an asset's performance and those of the operators are maximized.

Another typical situation where having additional information pays off is when an asset persistently fails, causing your money to hemorrhage away in a

flood of downtime. Without all the facts it would be logical to conclude that the only answer was to redesign or replace the offending asset. With IFS Max OEE you have the opportunity to consider other, less dramatic options. For example, you are able to analyze the effect a change to the preventive maintenance plan or RCM set-up would make to your asset's operational reliability before embarking on an expensive retooling program.

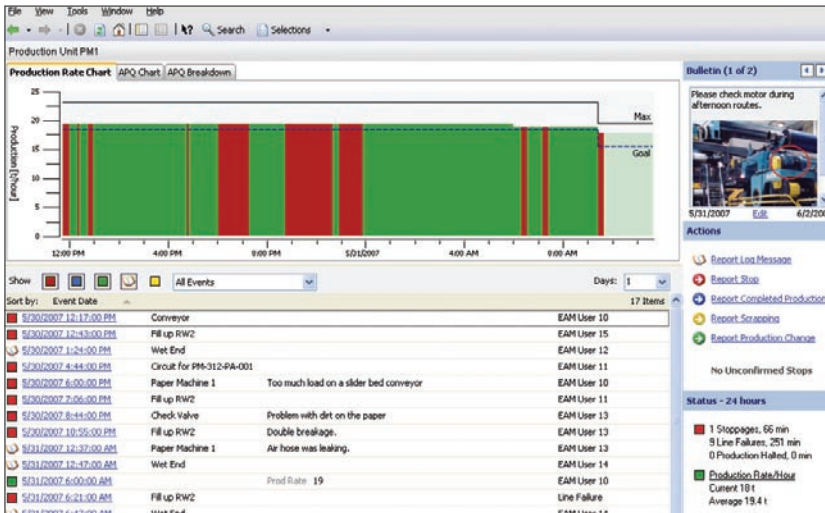
With IFS Max OEE as an integral part of your asset management solution, you have the depth of functionality, the comprehensive data gathering and processing, and the extended support that makes sure you are able to run your assets in the most profitable way.

#### **IF YOU DON'T MAXIMIZE YOUR PERFORMANCE, THEN YOU'LL NEVER ACHIEVE YOUR REAL POTENTIAL**

Is it possible to conduct your business without including IFS Max OEE? Well, of course, but if you do, you will almost certainly never reach the fullest extent of your performance potential. Fluctuations, a change in circumstances, ineffective operational skills and inappropriate maintenance programs all contribute in influencing the final delivered performance figures. Only IFS Max OEE provides you with the capability to thoroughly monitor your asset's performance and to find ways to make completely certain that you are maximizing the potential of your investment.



**FOR FURTHER INFORMATION ABOUT IFS APPLICATIONS™ MAX OEE SOLUTION FOR TOTAL ASSET MANAGEMENT PLEASE, VISIT [WWW.IFSWORLD.COM](http://WWW.IFSWORLD.COM) OR CALL YOUR LOCAL IFS OFFICE**

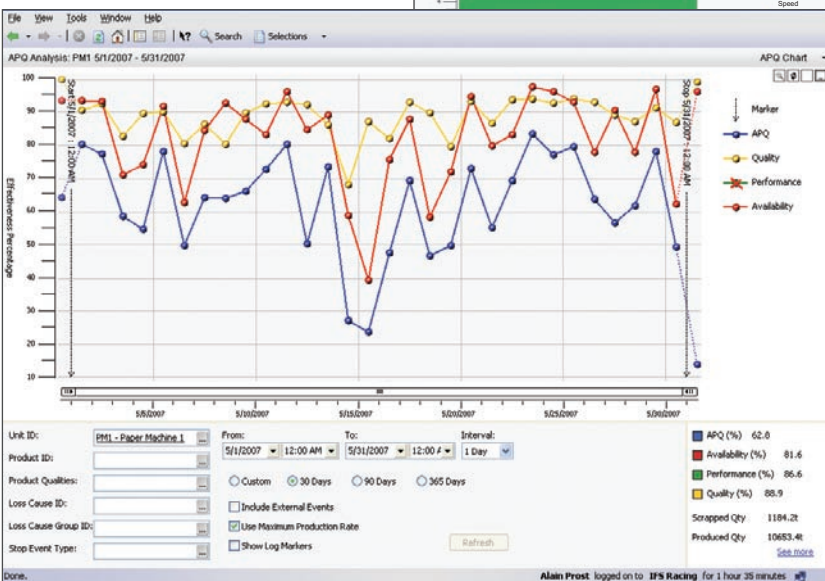
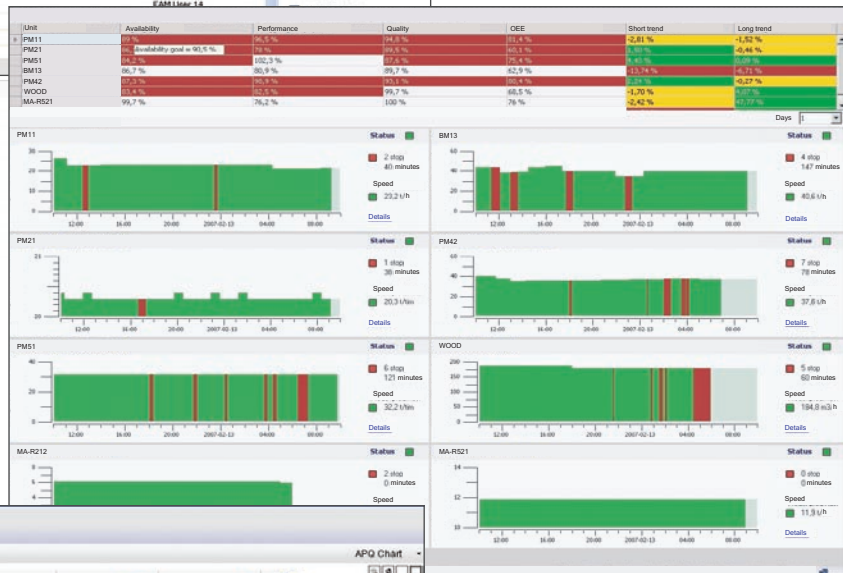


**FOLLOW UP—OPERATOR, SINGLE UNIT**

One easy portal for overview, reporting and quick decisions.

**FOLLOW UP—MANAGER**

Present situation at all production lines.



**FOLLOW UP—PROCESS**

Engineer continuous improvements—business analytics—increased profit.

## 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:

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