



IFS APPLICATIONS™

# LAND CAPABILITY MANAGEMENT



# ENABLING LAND CAPABILITY MANAGEMENT

With more than 20 years' experience of supporting defense customers globally, IFS knows the defense business.



# HELPING OUR CUSTOMERS DELIVER MORE FOR LESS

For more than 10 years, IFS has delivered value-added business solutions to customers in the **Land sector**. Our product development is driven to meet the rigorous demands of your changing market, delivering an agile product to keep you ahead. Our focus is to enhance your operational capability by supporting CfA —helping you manage change, reduce costs and improve customer service.

We are able to deliver a comprehensive and unique business solution covering the complete lifecycle from conceptual design, through manufacture, in-service maintenance repair and overhaul, re-fits, and into retirement and disposal. Our product enables seamless co-existence with your existing systems and environments within complex and geographically dispersed user networks. Our people offer a wealth of Land experience, and our products underpin the most challenging programs in the **Land sector**.

IFS offers the **Land sector** a unique, evolutionary and agile approach to meeting the through-life capability challenge. By offering flexibility in a single product and a step-by-step approach to implementation we enable our customers to reduce risk and achieve class-leading business solutions with lower Total Cost of Ownership.

# ARE YOUR ASSETS SUPPORTING

**Every asset used to support Land events has a vital role to play. Even the humble boot is useless if it doesn't fit properly or is not suitable for the task in hand. So, when dealing with a complex fighting vehicle, the task of capability management gets a whole lot more complex.**

## THE OLD WAYS ARE NO MORE

Military doctrine and maneuver have changed significantly over the past 20 years. Since the era of the Cold War, no longer is equipment being pre-positioned forwards at the Main Operating Bases (MOBs), where it would remain and be maintained over long periods of time.

In the UK, for example, the Ministry of Defence (MoD) would provide uniformed engineering support at both 1<sup>st</sup> and 2<sup>nd</sup> Line support, as well as 3<sup>rd</sup> Line support within the MoD's estate—where there would be the mix of uniformed, civilian and limited industry presence—with industry only really becoming involved in the 4<sup>th</sup> Line, where they would provide deep maintenance, repair and overhaul (MRO) capability. In this environment, contracts with equipment providers and suppliers would be for a specific equipment set, plus those spare parts envisaged by the original equipment manufacturer (OEM) to be required for through-life maintenance.

In land, the change of emphasis from a static force to capability projection and expeditionary warfare demands rapid deployment and flexibility in

support and a whole new operational and supply model for equipment acquisition, management and ownership.

## THE CAPABILITY MANAGEMENT CHALLENGE

In response to these dramatic changes, land forces around the world are focused on capabilities that balance through-life costs and operational effectiveness.

The level of innovation and sophistication of military platforms requires specialist knowledge and support to achieve the levels of readiness and cost efficiencies demanded by a modern military force—driven by the mantra of 'more for less'. Leveraging the cost savings and process improvements enabled by: Reliability Centered Maintenance (RCM) and Condition Based Maintenance (CBM) approaches, and the new business models, such as: Contractor Logistics Support (CLS); Performance Based Logistics (PBL); and Product Support Agreement (PSA) programs.

IFS Applications™, a commercial off-the-shelf (COTS) solution, built on open standards and service-oriented component architecture, provides land based forces with a specialist solution for managing the capability of each asset throughout its life. IFS Defence delivers these applications through a team who have the depth of experience and practical understanding of the logistics required in the maintenance, deployment and through-life support of land assets.



# YOU EVERY STEP OF THE WAY?

In the life of any land platform the ability to effectively manage specifications from the ‘as designed’, ‘as built’, and ‘as maintained’ within the support environment become essential requirements to reduce cost and improve operational agility. At the same time maintenance must deliver enhanced availability, reduced turnaround times and greater efficiencies. Irrespective of whether the support environment is undertaken by uniformed personnel, by a 3<sup>rd</sup> party or an OEM, suppliers have to deal with increasing complexity of product, contract and supplier relationships and management.

IFS’ project-centric enterprise approach means the integration of MRO functionality is an easy evolution. Across the lifecycle, all aspects of change can be planned, managed and accounted for within the same solution.

## TROOP SAFETY

One of the greatest threats to troop safety is the use of Improvised Explosive Devices (IED), often used by subversive forces in unconventional warfare. Mine Resistant Ambush Protected (MRAP) vehicles are helping to reduce that threat. The MRAP deployment is one of the US Department of Defense’s (DoD) top acquisition programs. Science Applications International Corporation (SAIC) uses IFS as the IT backbone tool to manage both tracking of the vehicle, as well as configuration changes of the vehicle from OEM to theater.



## UK MOD—JAMES PROGRAM

The Joint Asset Management and Engineering Solutions (JAMES) program is the UK MoD enabler toward creating the means by which future fleet-based planning and control of land-based assets can be directed. This provides a Whole Fleet Management (WFM) solution that will operate at all levels—strategic, operational and tactical. IFS Defence provides the foundation software product, upon which JAMES is based, and the service delivery component is provided by Lockheed Martin as the Systems Integrator (SI) to the UK MoD.

Delivered in phases, JAMES is currently in use by 13,000 in the regular UK Army, providing a management information system to enable optimized asset usage with minimal fleet sizes. The solution supports the UK Army with asset information related to identification, configuration and maintenance requirements as well as current usage and the identification of the asset owner.

The JAMES Land phase deepens and widens the functionality by adding additional IFS Applications components handling processes involved in engineering, asset data collection and analysis as well as workshop management for the modification and upgrading of assets. The solution will also improve mobility and will be extended to include ground-based equipment used by the Royal Navy and the Royal Air Force (the Tri-Service phase)—improving availability, enhancing operational and training effectiveness, and reducing equipment support costs.



### IFS LAND SOLUTION

Working with a cross-section of military customers from vehicle manufacturers, specialist contractors and end-users, IFS has built a solution that covers all aspects of the lifecycle of land-based assets. IFS Applications sits comfortably in an equipment manufacturer's design organization, in all stages of manufacture, with the military end-user—supporting assets within austere deployed environments with fractured communications: none, partial and full; and in-service maintenance and repair organizations—and supporting OEMs with Contracting for Availability (CfA).

The solution is based on a single fully integrated application product, where business components can be selected to deliver the end-to-end processes to support varying operational models. The inherent design of the application enables easy integration with existing systems, in the full knowledge that more IFS functionality can be implemented in the future as required—reducing 'total cost of agility' and risk, while increasing return on investment (ROI).

### VISIBILITY AND COLLABORATION ACROSS SUPPLY NETWORKS

Land-based users and service providers face the same challenges—end-to-end visibility of asset status through extended supply chains; collaboration with dynamic networks of suppliers and partners; and managing complex demand-driven supply networks for maximum effectiveness and efficiency.

Speed of response is crucial. Only a solution as functionally rich as IFS Applications is able to gather the data required to monitor key performance indicators (KPI), support decisions and review activity. Intuitive and informative, IFS Applications is easily accessible through different channels including role-based portals and mobile devices—providing the information you need, when you want it, wherever you are—every step of the way.



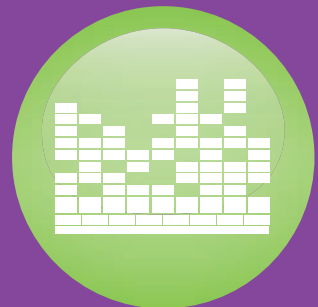
# TAPPING INTO THE POWER OF TECHNOLOGY

The IFS view on technology is that the winners in business are those who manage change best. IFS Applications is built for change using service-oriented architecture, a commitment to standards and proprietary and open source infrastructure. With over 100 integrated business components providing extended ERP functionality, IFS delivers business agility and lower long-term costs. It is no surprise that IFS is known for advanced technology 'made easy'.



# YOU ONLY GET WHAT YOU NEED...ENABLING STEP BY STEP CAPABILITY EVOLUTION

IFS Applications is known for its simplicity—start with the business components you need and add or change over time as your needs, your customers' needs or your business model change—delivering maximum agility, minimum risk and minimum cost.



## 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 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 to [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)

<b>AMERICAS</b> .....	<b>+1 888 437 4968</b>
ARGENTINA, BRAZIL, CANADA, MEXICO, UNITED STATES	
<b>ASIA PACIFIC</b> .....	<b>+65 63 33 33 00</b>
AUSTRALIA, INDONESIA, JAPAN, MALAYSIA, NEW ZEALAND, PHILIPPINES, PR CHINA, SINGAPORE, THAILAND	
<b>EUROPE EAST AND CENTRAL ASIA</b> .....	<b>+48 22 577 45 00</b>
BALKANS, CZECH REPUBLIC, GEORGIA, HUNGARY, ISRAEL, KAZAKHSTAN, POLAND, RUSSIA AND CIS, SLOVAKIA, TURKEY, UKRAINE	
<b>EUROPE CENTRAL</b> .....	<b>+49 9131 77 340</b>
AUSTRIA, BELGIUM, GERMANY, ITALY, NETHERLANDS, SWITZERLAND	
<b>EUROPE WEST</b> .....	<b>+44 1494 428 900</b>
FRANCE, PORTUGAL, SPAIN, UNITED KINGDOM	
<b>MIDDLE EAST AND AFRICA</b> .....	<b>+9714 390 0888</b>
INDIA, SOUTH AFRICA, SRI LANKA, UNITED ARAB EMIRATES	
<b>NORDIC</b> .....	<b>+46 13 460 4000</b>
DENMARK, NORWAY, SWEDEN	
<b>FINLAND AND THE BALTIC AREA</b> .....	<b>+358 102 17 9300</b>
ESTONIA, FINLAND, LATVIA, LITHUANIA	

[www.IFSDEFENCE.com](http://www.IFSDEFENCE.com)

THIS DOCUMENT MAY CONTAIN STATEMENTS OF POSSIBLE FUTURE FUNCTIONALITY FOR IFS' SOFTWARE PRODUCTS AND TECHNOLOGY. SUCH STATEMENTS OF FUTURE FUNCTIONALITY ARE FOR INFORMATION PURPOSES ONLY AND SHOULD NOT BE INTERPRETED AS ANY COMMITMENT OR REPRESENTATION. IFS AND ALL IFS PRODUCT NAMES ARE TRADEMARKS OF IFS. THE NAMES OF ACTUAL COMPANIES AND PRODUCTS MENTIONED HEREIN MAY BE THE TRADEMARKS OF THEIR RESPECTIVE OWNERS.

IFS AB ©2010