

MAINTENANCE - WORK SMARTER, NOT HARDER

IFDT

INTEGRATED BATTLE COMMAND

INTELLIGENCE & CYBER SECURITY

GLOBAL COMBAT NETWORKS

AIR DEFENCE

BORDER, FACILITIES & FORCE PROTECTION

BUSINESS SOLUTIONS

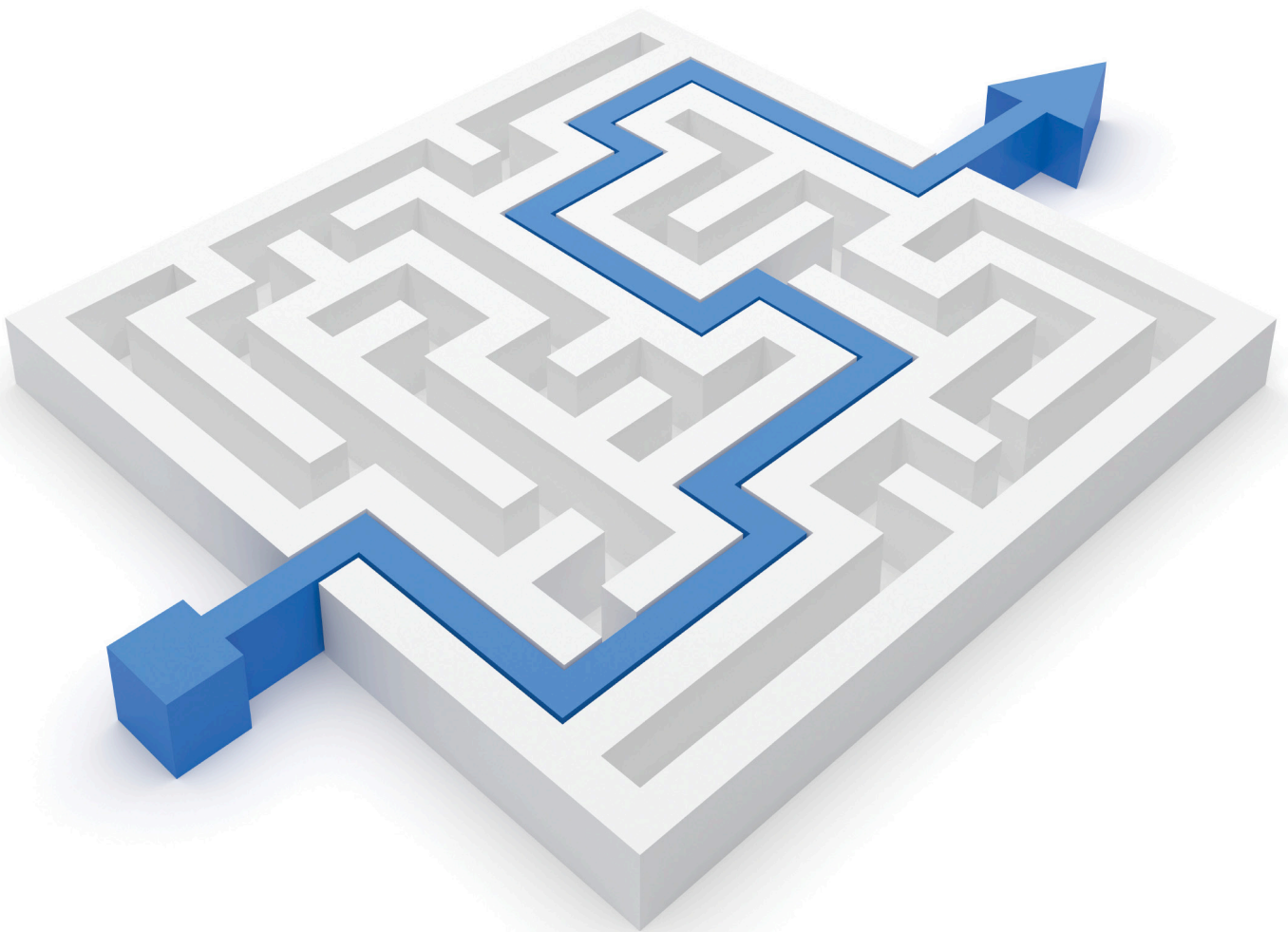
BUSINESS SERVICES



BAE SYSTEMS

REAL INFORMATION. REAL ADVANTAGE.

OPERATORS AND MAINTAINERS ARE FACED WITH AN INCREASINGLY CHALLENGING ENVIRONMENT IN WHICH THEY MUST ACCURATELY DIAGNOSE AND RECTIFY FAULTS, FIRST TIME, EVERY TIME



BAE SYSTEMS RECOGNISES THE DEMAND FOR SOPHISTICATED MAINTENANCE TOOLS AND TECHNIQUES TO MEET THE CHALLENGES OF TODAY WHILST PREPARING FOR THOSE OF TOMORROW



EXPLOITING THE KNOWLEDGE LOCKED WITHIN AN EXPERT MAINTENANCE ORGANISATION

BAE Systems' IFDT (Intelligent Fault Diagnostics Toolset) is a comprehensive suite of applications which assists your maintainers in accurately diagnosing faults in complex equipment and systems. IFDT enables NFF (No Fault Found) equipment removals, manpower numbers and maintenance hours to be reduced, whilst platform availability and reliability is increased.

CONFIDENTLY, CORRECTLY & CONSISTENTLY IDENTIFY ROOT CAUSES OF FAULTS

Using probabilistic algorithms, IFDT quickly and consistently isolates system, sub-system and component faults regardless of their complexity. With each diagnosis, IFDT suggests the next, most appropriate action for the maintainer to take. Fault identification is carried out in a fast, focused, and efficient manner.

IFDT consolidates your platform engineering information, automatically learns from your historic maintenance data and combines it with lessons learned over years of maintenance execution to deliver a single, configurable and verified "source of truth".

IFDT supports maintainers and helps them to confidently and consistently identify the root cause of a fault enabling them to perform the same rectification tasks, regardless of their level of knowledge and expertise.

Feedback loops allow maintainers, at the point of execution, to continually contribute to improving your tactical and strategic diagnostic information.

Reduced "No Fault Found" equipment removals

Improved accuracy & consistency in fault diagnosis

Enhanced understanding of tactical diagnosis information

Improved expert knowledge capture and sharing within a collaborative environment

Flexible delivery as a component of a fully Integrated Vehicle Health Management (IVHM) system, or standalone

Increased platform availability and reliability through effective maintenance

Assurance that all maintenance is conducted consistently at all locations

Our unique process of perpetual self learning allows a single improvement to be delivered automatically at each and every point where maintenance is undertaken driving improvements throughout your business. With IFDT you can be confident that your workforce, is using approved, reliable and up to date information regardless of where they are located around the globe.

Interoperability is a cornerstone of IFDT design. New components and technological advances can be incorporated into your solution with ease throughout the operational life of the platform.

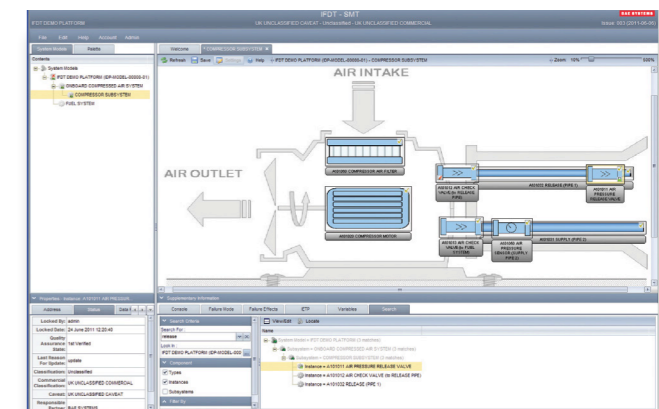
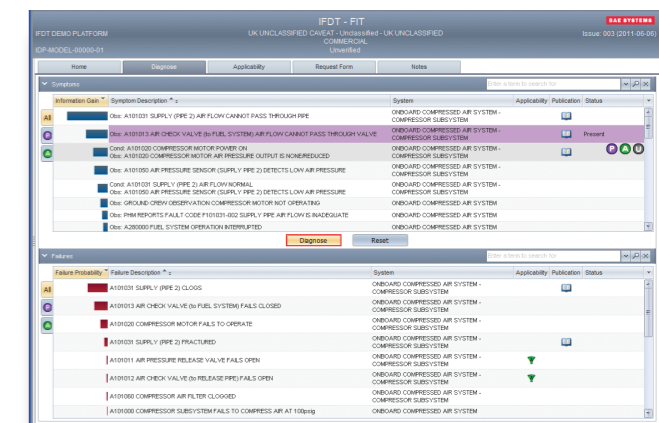
Combining IFDT with your maintenance management and technical publication systems provides an advanced, integrated and scalable solution to all your air, land and sea maintenance needs.

EMPOWERING DECISION MAKERS THROUGH INFORMATION SUPERIORITY

IFDT helps you accurately undertake platform and equipment maintenance with confidence and optimum effectivity.

Reducing nugatory maintenance and occurrences of "No Fault Found" allows commanders and support providers to pro-actively manage and improve availability across the fleet.

Maintenance programmes can be improved, support costs reduced and operational tempo increased.



IFDT (INTELLIGENT FAULT DIAGNOSTICS TOOLSET)

SIMPLE DIAGNOSTICS FOR COMPLEX SYSTEMS



OPTIMISE MAINTENANCE

INCREASE PLATFORM AVAILABILITY

REDUCE LOGISTIC BURDEN

HARNESS KNOWLEDGE

IMPROVE EFFECTIVITY

TAKE CONTROL

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