WORK SMARTER NOT HARDER

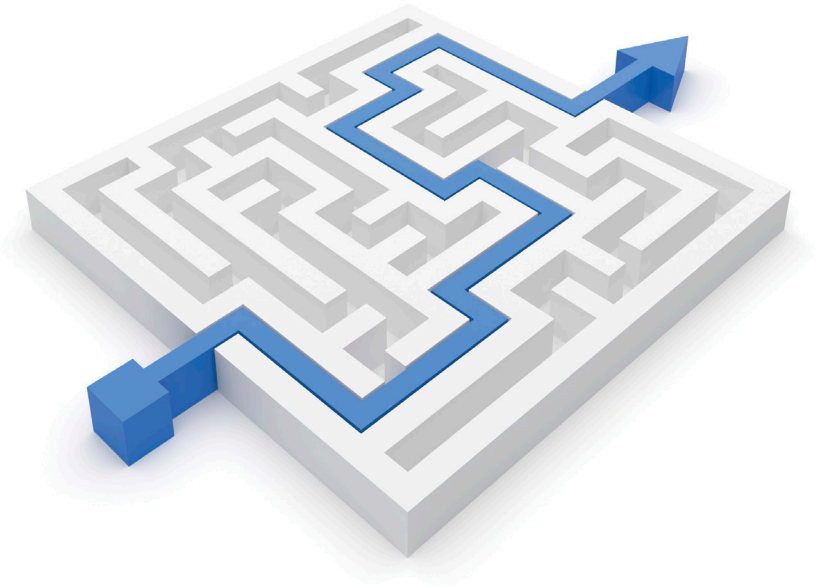
FAULT ISOLATION TOOL

- INTEGRATED BATTLE COMMAND
- INTELLIGENCE & CYBER SECURITY
- GLOBAL COMBAT NETWORKS
- AIR DEFENCE
- BORDER, FACILITIES & FORCE PROTECTION
- BUSINESS SOLUTIONS
- BUSINESS SERVICES

Operators and maintainers are faced with an increasingly challenging environment in which they must accurately diagnose and rectify faults, first time, every time.

Intelligent Fault Diagnostics Toolset (IFDT) is a comprehensive suite of applications which assists your maintainers in accurately diagnosing faults in complex equipment and systems.

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.



The aim of the Fault Isolation Tool (FIT) is to reduce the amount of experience a maintainer would require to diagnose and fix a problem by providing probabilities of the most likely failure based on a set of symptoms. The FIT provides accurate failure diagnoses using a probabilistic Bayesian network model of failure-symptom associations.

Using the FIT, 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 enables No Fault Found (NFF) equipment removals, manpower and maintenance hours to be reduced, whilst platform availability and reliability is increased.

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:

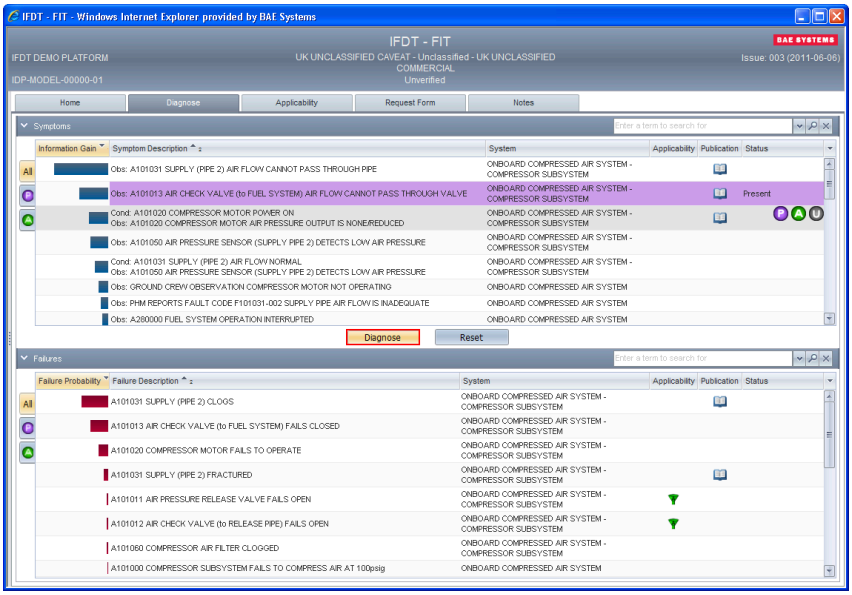
Delivers probability based reasoning diagnostics on complex Systems

Simplifies the creation of diagnosis models for any platform

Provides accurate diagnosis of faults from available symptom information.

Provides a learning capability to improve model accuracy based on historic maintenance data

Integrates with Maintenance solutions, including IETPs and MMS applications.



CONFIDENTLY, CORRECTLY & CONSISTENTLY IDENTIFY FAULTS

FIT Features

Perform intelligent fault isolation on a system based on the observations of symptoms and failures.
Suggests best next steps to guide maintainers through the diagnostic process
View IETPs for symptom and failure procedures on a trilogiView server
Filter models using applicability and search terms
Display the most likely failures based on the observed symptoms and failures
Provides suggestions on the next most useful symptoms to check for to isolate the failure quickly

Standalone or Client Recommended Specification

PC running Windows® XP (SP3)
Intel® 3.2GHz Dual Core Processor or equivalent
4GB RAM
40GB free hard disk 32 x / 16 x CD/DVD ROM drive
1024 x 768 x 32bit colour Display adapter - 32 bits colour
Mouse or equivalent
Keyboard or equivalent text input device

Thin Client Server Recommended Specification

Server running Windows Server 2008 (SP2)
Intel® 3.2GHz Dual Core Processor or equivalent
4GB RAM
40GB free hard disk 32 x / 16 x CD/DVD ROM drive
1024 x 768 x 32bit colour Display adapter - 32 bits colour
Mouse or equivalent
Keyboard or equivalent text input device

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