

# SyntheSys Testing Services

## Datasheet

### Quality Test Services Powering Forward Thinking Systems Engineering

Today's interoperability challenge for many platform project managers, requirement managers, engineers and operators is demanding and complex, which is why many government and platform teams find systems testing increasingly difficult to manage as a primary function. A lack of resources, time, subject matter expertise or funding leaves many project teams with a gap in system quality and capability.

Our clients come to SyntheSys because we enable them to solve common testing challenges in a cost-effective way. We apply quality systems engineering processes, and our extensive experience, to establish evidence that platforms operate effectively which improves performance, functionality and interoperability. We offer flexible testing services which can be provided either individually or as an end-to-end package; our independent services are tailored to your requirements. Our testing services empower development teams to focus on overall programme and technical management, and this minimises the risk of platform non-compliance with specifications.

The SyntheSys Testing Portfolio includes:



#### At a Glance

Reduce testing costs whilst increasing effectiveness

Assurance of systems

Experienced test support through all phases of life cycle

Flexible testing services

#### Who Benefits

Government Platform Desk Officers

Government Technical Leads

Government Engineers/ Operators

Industry Project Managers

Industry Platform Technical Specialists

Requirements Managers

Project Managers

Company Technical Representatives



## Requirements Baseline Verification

Independent analysis to ensure baseline requirements definition and verification is complete.

## Test Strategy

Cost-effective test strategies with streamlined integration into your development and maintenance.

## Test Management

Management of a test programme, including planning the programme and monitoring the programme throughout from inception to completion.

## Test Environment

Procurement, installation, integration and acceptance of test equipment. We can also provide advisory support to customers, on development of their requirements for a test environment, as well as assessment of existing test environment.

## Test Plans, Test Cases & Test Scripts

Comprehensive test documentation.

## Test Conduct

Support for test events. We have acted as Test Director for a number of customers, or have provided test support during the execution of many trials

## Analysis

Test analysis to ensure effective, accurate and timely testing has been completed.

## Test Witnessing

Providing independent test witness support to customers who want to ensure impartial oversight of tests/test programme.

## About SyntheSys

SyntheSys provides defence systems, training, systems and software engineering and technical management services over a spectrum of different industry sectors. Along with distinct support and consultancy services, our innovative product range makes us first choice provider for both large and small organisations. Established in 1988, the company focus is on fusing technical expertise with intuitive software applications to solve common industry challenges.

## Reports

Summary statistics of test results along with comprehensive reports.

## Sustainment

Configuration management and control procedures for new system and environment changes.

## Meeting Support

We can support project, industry and management meetings and offer technical expertise in order for you to get the most out of test meetings.

## SyntheSys Testing Services in Industry

Already proven in the military environment, SyntheSys Testing Services are being used to test advanced aircraft, ships, and land-based systems. Our Testing Services are also being used to test NATO communications systems to enable platforms from different nations to work coherently. This involves the supply of test equipment and the development of an integrated test environment geographically distributed across the UK.

