

SyntheSys Technologies Working for the Defence Industry

SyntheSys Technologies is proud to support the Defence industry in the following areas:

Platform Integration

We support platform integrators at government and industry levels, including: requirements capture and definition; specifications development and maintenance; multi-link integration issues; interoperability requirements, and test case identification.

System-of-Systems (SoS) Engineering

SyntheSys began its research into System-of-Systems (SoS) Engineering in 2002, most recently in partnership with the world-class School of Engineering at Durham University in the United Kingdom (UK). As a result of this research programme, SyntheSys has developed some unique insights into the nature of SoS that have enabled us to provide a new range of services that cover the whole SoS life cycle, including test & evaluation.

Modelling

SyntheSys has produced models of the following Tactical Data Link (TDL) standards:

MIL-STD-6016C

MIL-STD-6017

Testing Services

Today's challenge for many project managers, requirements managers, engineers and operators is demanding and complex, which is why many 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 systems engineering principles and processes to establish evidence that systems operate effectively in accordance with performance, functionality and interoperability requirements.

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 and we intend to empower development teams to focus on creative design and technical management, so as to minimise the risk of system non-compliance with specifications.

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.