



Test & Evaluation Services

QinetiQ is a world-leader in the provision of Test & Evaluation (T&E) services, an enabler to the delivery of advanced defence capability.

QinetiQ brings together a combination of skills, products, processes and facilities to provide customers with realistic live and synthetic environments in which to evaluate their defence capability. We have a long and proven history of designing, building, operating and sustaining modern T&E capabilities for our customers' advantage. This includes the consolidation, standardisation and use of best practice across geographically dispersed and disparate ranges and facilities.

In the face of emerging and global threats, we employ cross-disciplinary scientific and engineering expertise, operational know-how and broad-ranging partnerships with industry and academia, enabling our customers to create, test and operate military capability.

Experimentation

QinetiQ encourages an agile collaborative approach to experimentation and innovation to ensure defence capability remains effective and adaptable. As new technologies emerge such as artificial intelligence and robotics, early and frequent experimentation is critical to keep pace with innovation and exploit it for operational and cost advantage.

Test & Evaluation Capabilities

QinetiQ operates an extremely broad and extensive range of T&E capabilities across air, land, sea and information domains. Either owned by QinetiQ or owned by the UK MOD and operated by QinetiQ (e.g. as through the Long Term Partnering Agreement), these include highly instrumented ranges, ground facilities and chambers as well as modelling and simulation capabilities, enabling the appropriate evidence to be generated, ensuring the evaluation being undertaken can be properly assessed and understood.

Core Principles

The core principles underpinning QinetiQ's management of T&E are: safety of operations, security for our customers' systems, management of data and information, innovation in evaluation techniques and commercial operations, and the use of highly skilled personnel. These allow us to drive significant commercial benefits into the T&E capabilities that we operate.

This ethos has been built on to realise the **Formidable Shield** series of events at MOD Hebrides, Scotland, a multi-nation extended event culminating in the engagement of ballistic target threats.

Target Systems and Services

Through realistic threat representation, QinetiQ enables customers to test within a safe environment, as a world-leading provider of unmanned air, land and maritime targets for live-fire T&E and training.

Data Evaluation

QinetiQ's commitment to delivering effective T&E is deeply informed by our inherent understanding of the value of generating and exploiting data for evidence-based decision-making.

Innovation

QinetiQ is embracing the integration of live and synthetic environments and the secure networking of associated data between multiple venues. This opens up new possibilities for all aspects of T&E and training, from sub-system integration testing through to multi-national mission assurance exercises.

Furthermore, our support to experimentation is showcased via the **Unmanned Warrior** and **Army Warfighting Experiment (AWE)** events in which a broad range of new technologies are evaluated in representative environments.

Contact:

For more information on our T&E services, please email us:

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