



REQUIREMENTS ENGINEERING SUPPORT FOR RAPID DEVELOPMENT PROJECT

Delivering a world-leading technical solution

Bass Rock supported the rapid development, testing and deployment of specialist military equipment for the Ministry of Defence (MOD). By using a **combination of requirements engineering support and project management** methods, we were able to directly support the delivery of a world-leading technical solution.

The situation

New requirements for specialist military equipment can **emerge from the battlefield very quickly**. This new equipment requires **rapid development, testing and deployment** to the Front-Line Command (FLC). In this instance, the MOD had encountered an urgent and complex requirement on a sub-surface maritime project, which had challenging performance expectations as well as strict budget and time constraints.

The brief

Bass Rock was asked to provide **requirements engineering** support to a branch of the UK military which urgently required new capability to respond to an emerging threat on the battlefield.

REQUIREMENTS ENGINEERING SUPPORT FOR RAPID DEVELOPMENT PROJECT

Our approach

We provided a consultant with deep domain knowledge and requirements engineering expertise who immediately assisted the client in capturing both the Concept of Employment and the User Requirements Document, in accordance with a system-of-systems approach and underpinned by the MOD's Architecture Framework principles.

We then developed a **Systems Requirement Document (SRD)** and a **Statement Of Technical Requirement (SOTR)** to support the procurement and in-service support of a technical solution.

The outcome

Our **requirements engineering** support enabled the client to launch a competitive tender to produce the specialist military equipment. As a direct result of our work, a **world-leading technical solution is currently being delivered**, which fully meets the requirement and provides a step-change in capability for its users.

The client was very satisfied with the work delivered and **requested further support from us in managing all aspects of Acceptance** as the capability formally transitions from Manufacture to In-Service.

