

Arke specialises in tailored analysis and Decision Support processes. Our pragmatic analysis approach enables efficient and progressive identification of significant risks, ensuring subsequent work is focussed on the area of greatest need.

DRS BCT: Quantifying the Importance of Logistics and Equipment Support in Delivering Future Concepts

We provided a review of existing analysis to identify areas of uncertainty due to modelling approach, assumptions and/or data using a combination of analysis, stakeholder engagement and SME judgement.

This was used to underpin development of tools to calculate a baseline and conduct a range of sensitivity analyses from realistic to extreme cases.

The analysis gave indications as to where the most likely challenges would be, and at what point would they occur.

The Arke-led team generated:

- Quantified assessment of the planned baseline Logs and ES capability.
 - Evidence based insights into the critical elements of the capability.
 - Conditions under which the capability would theoretically not meet requirements.

This highlighted the importance of Logs and ES in successfully delivering the capability. Key areas of focus were identified, together with associated tools and techniques to conduct further analysis. This has progressively:

- Identified risks and uncertainties in the Logs and ES pipeline.
 - Analysed and characterised them.
- Provided an approach to better understand and mitigate these.

We cut through complexity to arm you with the evidence and advice you need to make good decisions.