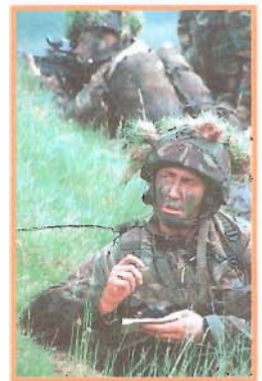


The cost of operational capability and the deployment of that capability are heavily driven by the cost of logistics. It is critically important to optimise all aspects of the Logistic Footprint of any capability, as part of the Through-Life Capability Management philosophy.

Therefore, each military capability requirement needs to be analysed in order to determine the optimum solution to providing support across all the Defence Lines Of Development (DLOD), Through-Life at the minimum cost commensurate with maintaining the capability.

Alliance has a thorough understanding and capability in the analysis and optimisation of all aspects of the Logistic Support arena. Particular skills include:

- Modelling and Optimisation of Support Philosophy in peacetime and operational Logistic Functions
- Specialist mathematical models and simulations
- Analysis and modelling of support scenarios to determine possible costed support options and associated risks.
- Technology Hardware/Software solutions



Throughout the wide range of logistics drivers, Alliance has the capability and experience to develop cost effective and Optimal Support solutions

Simulation and modelling tools are available to:

- Evaluate support attenuators
- Model variations of stocking location
- Simulate the options for transportation methods
- Optimise locations of depots, workshops etc
- Determine repair policy and level of repair
- Evaluate peacetime and operational scenarios
- Generate a Life Support Cost
- Calculate the optimal cost effective spares

Case Studies

Alliance members have carried out the following:

- FIST - Analysis of several design options each with various support options to determine the most cost-effective support option for both peacetime and deployed operations and Whole Life Cost
- Logistic Analysis during the Acquisition of an Armoured Fighting Vehicle - To analyse the spares and Logistic requirement for a Fleet of armoured fighting vehicles
- Deployable Logistics Management System – Mandated by the Royal Australian Navy and the Royal New Zealand Navy for their surface fleets and deployed in support of the RAN's submarine fleet

To find out more:

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