

Capability Statement

Optima Systems Consultancy is an independent, privately owned Systems Engineering and Management Consultancy. We recognise the challenges involved in developing today's complex systems and understand the benefits that a structured Systems Engineering approach can provide. We will work with you to break down the complexity, identifying and tackling the underlying problems in a structured way and managing the technical and programmatic challenges facing your project.

As a privately owned company, we are able to offer truly independent, impartial and unbiased advice, helping you to take pragmatic decisions to develop a balanced system and enabling your success.

We pride ourselves on providing high calibre, flexible and experienced consultants who will work with you to tackle the toughest technical and organisational challenges. Optima has a team of SC and DV cleared consultants with substantial experience in:

- Defence sector (covering Maritime, Land, Air, C4ISTAR and Weapons domains)
- Communications and Information Systems
- Civil Aerospace
- Transport
- Utilities

Our client base includes government departments, major industrial prime contractors and specialist technical consultancies.



Managing complexity. Enabling success

We specialise in deploying small expert teams to work alongside you and boost your Systems Engineering and Management capabilities. Our core services include:

Systems Engineering best practice

- Engineering process development
- Systems Engineering and Engineering Management
- System Architecture design
- Requirements capture and management
- Trade-off studies
- Technology Maturity and Technical Risk assessment
- Technology Roadmaps and technology insertion planning
- Trials design, planning and conduct
- Data analysis
- System Verification & Validation
- Simulation and Modelling
- Management of Interfacing Programmes and Systems
- Programme and Project Management

Independent Assessment and Assurance for acquisition and investment

- Independent Systems Analysis and Technical Assurance
- System Architecture review
- Technology Maturity and Technical Risk assessment
- Pan Defence Lines of Development assessments
- Tender assessment management
- Options assessment and Multi Criteria Decision Analysis

Enterprise Change

- Systems Engineering and Engineering Management
- Engineering process development, best practice and training
- Governance
- Stakeholder management
- Negotiations and facilitation
- Training

For more information about any of our services, please contact us at: info@optimasc.co.uk