

ROKE



Business Case Development, Operational Analysis and Research

G Cloud 15
Service Definition

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Business Case Development, Operational Analysis and Research – Service Definition

Benefit from support in the development of Business Cases as well as the application of a range of analytical techniques to generate evidence to inform decision making.

Roke supports our clients make a compelling case for change by developing a business case that identifies the art of the possible and potential risks, ensuring they stand up to scrutiny. We apply government best practice including Green Book, Aqua Book, and DSTL Evidence Framework Approach.

Roke has a skilled team which is experienced in applying a wide range of quantitative and qualitative operational analysis techniques to generate evidence to support our clients' decision-making needs.

Service Offering

- Business Case Development
- Developing Concepts of Analysis
- OASP and COEIA Support
- Capability Gap Analysis
- Workshop Facilitation and E-Voting
- Benefits Analysis
- Problem Structuring
- Simulation Modelling and Analysis
- Effective Visualisations
- Wargaming

With deep experience across National Security, Law Enforcement, Defence, Central Government and Industry, Roke is well placed to understand our client's specific domain.

Detailed Service Definition

Business Case Development

Roke can provide mixed teams of technical experts and consultants, who work closely with our clients to understand the context and problem situation to provide tailored solutions that generate the level of evidence needed to support compelling business cases and clear business decisions, as well as ensuring the stakeholders are engaged and informed at all stages.

Developing Concepts of Analysis

Roke has extensive experience of creating Concepts of Analysis that detail how small and large programmes of analysis should be carried out to provide the required levels of evidence to support Business Case decisions. Our approaches ensure that the planned analysis meets the tenets of Robust, Independent, grounded in reality, Objective, Uncertainty managed & Repeatable (RIGOUR) and adhere to the requirements of government and specific departmental policies.

OASP and COEIA Support

Roke supports the generation of Operational Analysis Supporting Papers (OASP) and Combined Operational Effectiveness and Investment Appraisals (COEIA) including assessing options against requirements. We understand the processes for these and the need to use appropriately verified and validated models and methods in line with JSP 655 and 705.

Capability Gap Analysis

Roke supports our clients by identifying gaps in current and future capabilities. We are adept at not only identifying gaps through documentation and doctrinal review, stakeholder interview, and exploratory modelling, but also articulating the impact through a broad range of analytical techniques. We can also identify capability requirements and link these back to relevant policy documents.

Workshop Facilitation and E-Voting

Roke expertly facilitates workshops to gather information and elicit stakeholder opinions. We use a combination of E-voting and the Delphi method to maximise the potential of subjective data within analysis and decision making.

Benefits Analysis

We use our in-house benefit analysis tool to assess the contribution of individual changes to the overall project, programme, or portfolio. This approach is especially applicable where there is uncertainty within the problem and solution space.

Problem Structuring

Combining our facilitated workshop service, we can apply a range of problem structuring techniques (such as Morphological Analysis) to help our clients understand their issues. We have developed an in-house tool to help clients identify driving factors and to rapidly identify viable solutions within a complex problem.

Simulation Modelling and Analysis

Roke uses a range of modelling techniques such as Agent Based Modelling and network modelling to simulate different situations to assess the effect of new equipment or ways of working.

Effective Visualisations

As a picture paints a thousand words, effective visualisations of data and information are important to our clients. Roke can generate both static and interactive visualisations that add value for our clients.

Wargaming

Roke uses Wargaming as part of an analytical process to gather insights and evidence on the potential impact of decisions and the introduction or removal of capabilities. We employ a flexible and scalable approach that can be applied across multiple domains.

Key Services

Business Case Development

- Tailored solutions
- Stakeholder engagement

Developing Concepts of Analysis

- RIGOUR compliant
- Plans to support decision making

OASP and COEIA Support

- Evidence generation
- Use of verified and validated approaches

Capability Gap Analysis

- Identifying gaps in current and future capabilities
- Articulation of 'so what'

Workshop Facilitation and E-Voting

- Capturing wide range of stakeholder views
- Maximising impact of subjective data

Benefits Analysis

- Assess contribution of individual changes
- Use of a proven tool and approach

Problem Structuring

- Greater understanding of complex problems through structured technique
- Identify driving factors

Simulation Modelling and Analysis

- Agent Based Modelling
- Assess changes from new ways of working

Effective Visualisations

- Static and interactive visualisations
- Powerful visualisations of analytical insights

Wargaming

- Scalable approach to evaluate decisions
- Assess impact of introducing or removing capabilities



Pioneering Technology for Global Security & Future Warfare

At Roke, we stand at the forefront of defence and security, delivering cutting-edge intelligence and engineering solutions that protect nations, troops, borders, critical national infrastructure and businesses. We bring the credibility of a long-standing defence and security leader, the precision of a specialist, and the agility to solve complex, high-stakes challenges with purpose and impact.

Roke is at the forefront of shaping the future of digital defence, intelligence, and national security.

We are Roke. We are Changing Worlds.

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