



## Senior Systems Engineering Consultant

OptimaSC is seeking Senior Systems Engineers to join their fast growing team in Thornbury, Bristol. This is an excellent opportunity to join a skilled, multi-disciplinary team providing expertise to government and industry. You will be able to work across a range of activities at various stages of the systems engineering lifecycle. You will thrive on new challenges, be motivated by variety and have a strong desire to learn new things. You will be a good communicator at all levels, able to understand complexity and present it in simple terms.

### Your main responsibilities as a Senior Systems Engineering Consultant will involve:

- Research and concept development of systems solutions.
- Development and management of system requirements including the use of tools such as DOORS and RDL.
- Development of abstract architectures to describe systems:
  - Using languages such as the UML and SysML.
  - Using tools such as Rhapsody, SparxWorks Enterprise Architect, MooD.
  - Using frameworks such as MoDAF and NAF.
- Design process engineering for hardware, software and mixed technology systems.
- Systems safety engineering, including the analysis of the systems safety requirements.
- Systems integration, including structuring and partitioning of complex systems.
- Systems performance evaluation and its application to verification and validation.
- Systems qualification and acceptance.

### Your skills and qualifications as a Senior Systems Engineering Consultant:

#### Essential:

- An understanding of the Systems Engineering V-Lifecycle and experience in one or more stages of its stages.
- A background in systems or similar engineering discipline within a complex engineering environment.
- A minimum of a technical Degree, equivalent qualification or experience.

#### Desirable:

- Experience in working closely with demanding customers.
- Experience in a relevant technology discipline, process or tool.

### To impress us, you will:

- Be able to understand complex concepts and communicate them in simple ways.
- Get on well with people but be able to work on your own.



- Be highly motivated with a good sense of humour and strong work ethic.
- Understand the needs of a business as much the needs of the individual.

**Equality:** OptimaSC values diversity; it brings a new perspective and understanding to our working environment.

**Development:** OptimaSC expects its staff to grow and supports internal and external development activities.

**Security:** You will be required to undergo security vetting procedures and employment is subject to relevant clearance being granted.

**Benefits:**

- Full time or part time working by negotiation.
- Competitive salary.
- Company pension.
- Company bonus scheme.

**About OptimaSC:**

OptimaSC is an independent Systems Engineering Consultancy providing the best in Systems Engineering, Training and Systems Thinking to government and industry. We work across a broad range of complex systems in a variety of defence and commercial sectors. We provide expertise across all kinds of sensors, combat systems, communication systems, military platforms, within land, maritime and air environments for both civil and defence applications.

We work closely with senior customers across a range of disciplines. We have:

- Helped the Navy in managing the future of its personnel and improving the performance of its submarines.
- Helped the Army in developing its future vehicle capability.
- Supported the defence industry in developing the next generation of weapons systems.
- Taught engineering to engineers across the globe in semiconductors, software, rail, civil and military systems.

To apply, please email CVs (2 page max) to [info@optimasc.co.uk](mailto:info@optimasc.co.uk) quoting reference OSCL0131

No Agencies.