



Systems Engineer – Defence and Security Sector

Location: Based in the South-West, England, UK - some travel required within the UK. We work a hybrid model dependent on client need.

About Raptor

Raptor CSL is a Bristol based consultancy, applying skills in project and programme management, business change, and systems engineering to solve our customer's complex challenges, most often in a digital or cyber context. We pride ourselves on delivering results quickly through the quality and value of our work.

We are recruiting for a systems engineer with a proven track record of delivery – preferably with experience in the acquisition of complex platforms, systems and services within the UK Defence sector. You will join our highly supportive team and take responsibility for delivering a diverse range of stimulating projects for our customers; initially, but not exclusively, in the Defence market.

We want to hear from people who buy into our culture, share our values, and have the talent to help take the company forward as part of an ambitious growth plan.

About the Role

You will be responsible for providing systems engineering support to our clients across the full system lifecycle. You will also take an active role in winning future work through customer engagement, thought leadership and proposal development – and work with the Directors to grow Raptor's systems engineering team.

Role Requirements

Essential

- Relevant first degree in Systems Engineering e.g. BEng Computer Systems Engineering, BSc Computer Science (Systems Engineering).
- Proven track record of providing systems engineering support for complex platform, system or service acquisition and delivery projects across the full lifecycle; likely to have at least 3-5 years' experience.
- Ability to apply systems thinking and systems engineering processes including ISO15288 across the lifecycle.
- Development/input to Systems Engineering Management Plans (SEMP).
- Elicitation engineering and management of user, system/service requirements.
- Solution evaluation at design reviews including Preliminary and Critical Design Reviews (PDR and CDR).
- Planning, conduct and management of test and trials for complex systems.
- Identification and management of risks, assumptions, issues, dependencies and opportunities (RAIDO).
- Experience of the following (minimum) set of tools and techniques:
 - Model-Based Systems Engineering (MBSE)
 - Common architecture tools/methods including TOGAF and ArchiMate
 - Requirements Management tools e.g. DOORS



- Experience of working within Defence or Security sectors.
- Strong people skills including managing technical teams.
- Strong customer and stakeholder management skills.
- Excellent interpersonal skills and the ability to communicate effectively at all levels.
- Ability to work as part of a multi-disciplinary team but able to work independently and take the initiative where appropriate.
- Minimum UK SC security clearance*. If an SC is not in place, candidates must be eligible to obtain UK SC security clearance, willing to go through the vetting process and hold a valid SC on joining Raptor.

*More details relating to UK Security Clearance can be found here:

<https://www.gov.uk/government/organisations/united-kingdom-security-vetting>

Desirable

- Second degree in a relevant discipline e.g. MEng Electronic and Computer Systems Engineering.
- Membership of a professional body e.g. IET, INCOSE, BCS.
- Experience in architecture definition and development.
- Agile experience e.g. Scrum or SaFE.
- Experience of tools including MS Project and Power BI.

Benefits

Raptor believes in rewarding talent and great work. We offer an excellent benefits package that can be tailored to suit individual preferences and to reflect the stage of career that staff members are at.

Typical benefits that you can expect include:

- **Holiday.** 25 days plus 8 days paid bank holidays per annum.
- **Flexible holiday scheme.** Staff can buy up to 5 additional days holiday.
- **Annual discretionary bonus.** We operate a discretionary bonus scheme linked to business as well as individual performance.
- **Contributory pension scheme.** We will match your contribution up to 10%.
- **Training.** Tailored training and development.
- **Health.** Private medical insurance with flexible cover options.
- **Life assurance.** Provided up to state pension age.
- **Professional Fees.** Annual subscription reimbursed for membership of a professional body relevant to your role within the company.

Register your Interest

We are a growing company and are actively recruiting now. We want to hear from talented and driven people who identify with our culture and share our values.

If that sounds like you and you'd like to work with us, please get in touch by sending a CV and covering letter to: info@raptorcsl.co.uk by 23rd September 2022. Interviews are expected to take place during October 2022.

STRICTLY NO AGENCIES PLEASE