Systems Engineer (Senior & Principal Grades) – Defence & Security

Location: South-West (Hybrid), with occasional UK travel
Contract: Permanent, Full-Time.

About Raptor

Raptor is a Bristol-based consultancy delivering **systems engineering and digital transformation** for Defence and Security clients. As a trusted business and technical partner, we help clients solve complex challenges and we pride ourselves on delivering meaningful results quickly, collaboratively and with integrity.

As we grow, we're looking for talented **Systems Engineers** who share our values and want to shape the future of our capability.

The Role

As a Systems Engineer, you'll work across the **full system lifecycle**, supporting clients to **design, develop and assure complex platforms, systems and services.** You'll:

- Lead solution development and engineering activities that support national security.
- Work within multidisciplinary, multicompany teams.
- Build strong client relationships and influence future bids.
- Help shape our systems engineering capability through **thought leadership and mentoring.**

What You'll Bring

Essential

- Degree in Engineering
- 5+ years' experience delivering systems engineering in complex programmes.
- Strong grounding in **systems engineering methods, lifecycle processes, and systems thinking**.
- **Model-Based Systems Engineering** knowledge and experience, including:
  - Definition and management of user and system requirement and use of tools (e.g. DOORS, Dimensions RM).
  - Development of behavioural and structural models to support requirements elicitation, options definition and analysis, and verification and validation (e.g. Use Case analysis, Mission Engineering).
  - Applying architectural frameworks (e.g. NAF, TOGAF) and tools (e.g. Sparx EA, BizzDesign, MooD, Cameo).
- Excellent communication and stakeholder engagement skills.
- Defence or Security sector experience.
- Eligible for UK SC security clearance (existing SC preferred).

Desirable

- Postgraduate qualification (MEng, MSc).
- Professional membership (IET, INCOSE, BCS).
- Agile delivery experience (Scrum, SAFe).
- Test Management experience (e.g. development of test-cases, acceptance plans, etc.)

What We Offer

We believe in rewarding great work and supporting your growth:

- 25 days' holiday + bank holidays + your birthday off.
- **Flexible leave** – option to buy up to 10 extra days.
- **Rapid Reward Scheme** – discretionary bonus every 6 months.
- 7% pension contribution.
- Annual **car allowance**.
- Private medical insurance & life assurance.
- Professional development support & membership fee reimbursement.

Interested?

If you're looking for meaningful work, freedom to grow and a supportive team, we'd love to hear from you.

Send your CV and a short note to **info@raptorcsl.co.uk**