

# Ascend to new heights in Defence Technology Innovation



[www.exsel-group.com](http://www.exsel-group.com)

## INTRODUCTION

Exsel Group stands as a preeminent force in the realm of independent defence technology solutions. We specialise in delivering supreme engineering expertise, advanced technology systems and comprehensive support services where the imperatives of reliability, safety and protection are non-negotiable.

Tracing our legacy back to 1947 in the United Kingdom, Exsel Group has evolved into a multi-faceted organization with a presence across four strategic UK facilities and various locations across the globe. We cater to an international clientele spanning government agencies, defence sectors and commercial enterprises.

## GLOBAL REACH

We are a key operational supplier to UK defence and offer our services globally. This provides our team members with unique opportunities for international travel and engagement. We pride ourselves on delivering exceptional customer service by establishing a robust communication framework with our clients. Our organisational structure is designed to facilitate integrated solutions, managed through proven project management methodologies.

## PURPOSE OF ROLE – Systems Engineer

The Systems Engineer is responsible for ensuring that the products and solutions developed by Exsel Electronics to meet the customer's and stakeholder's requirements. Systems Engineering is an interdisciplinary approach used across the Company to realise complex systems. Starting with unambiguous identification of the customer needs and developing them into formal requirements, it proceeds to capturing system design, developing test criteria and methods and culminates with a validated deployed complete solution.

The successful candidate will join the Systems Engineering team, supporting the company's projects and design and development processes. He/she will work closely with peers applying Exsel Group's capabilities to the government, defence, and industrial sectors.

## KEY RESPONSIBILITIES

### Job specific responsibilities

- Develop system specifications, acceptance plans, acceptance test plans, qualification plans and similar documents.
- Develop system models within Model Based System Engineering (MBSE) software tools.
- Assist in the introduction of new best practices and processes into the company.
- Undertake and coordinate system development tasks to include design, integration, formal testing, and transitions into production.
- Undertake meticulous functional, non-functional and interface verification and validation of systems.
- Prepare verification and validation requirements compliance matrices and reports.
- Create and maintain programmatic and technical documentation.
- Manage and document system configurations.
- Support user trials and installations.
- Assist in the development of technical proposals supporting business development.
- Provide technical direction and assistance for Project Managers and multi-disciplinary teams.

## GENERAL

- The job holder will require a valid driving licence.
- Excellent written and verbal communication skills.
- Attention to detail and problem solving.
- Strong organisational skills with the ability to multi-task and work under pressure.



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- Ability to be flexible and work outside core hours on occasion.
- Travel to other Exsel group sites and occasional overseas travel may be required.
- Must be able to work in the UK without restrictions & meet UK government security vetting criteria.

## HEALTH & SAFETY

- Adhere to all relevant Health and safety procedures and observe safe working practices. All work to be conducted in a safe manner.
- Appropriate Personal Protective Equipment to be used when required.
- All tools and equipment are to be cleared away at the end of a task and work area cleared up before the end of working day.
- All hand tools (if used) are to be maintained in a safe useable condition.
- To advise advanced Technician, team leader or line manager of any Health & Safety issues promptly.

## COMPETENCIES & SKILLS

- Have an excellent command of the English language; particularly as applied to technical syntax.
- Have excellent verbal communication and inter-personal abilities.
- Can industriously contribute as a team member, and on occasion provide team direction and leadership.
- Can work independently to achieve results-oriented time-constrained targets.
- Can architect systems, analyse them, identify problems and articulate resolution strategies.
- Can prepare and present technical information, written and orally.
- Computer literate, especially using Microsoft Office application suites, Excel, Word, Outlook.
- Experienced in the use of MBSE methods, familiarity with Sparx Enterprise Architect being preferable.
- Experience in modelling architectural solutions for electronic information technology and transfer including the application of security methods will be advantageous

## KNOWLEDGE & QUALIFICATIONS

- A Bachelor's Degree or equivalent qualification in a technical discipline, ideally either Electronics, Communications, Computer Science, Software or Systems Engineering.

## EMPLOYEE BENEFITS AND WORKLIFE BALANCE

- Competitive salary.
- Training & development opportunities.
- Apprenticeship programs.
- Company pension.
- Early finish on Fridays.
- Free guest accommodation in various locations (home and aboard).
- Birthday holiday
- Service milestones.
- 25 days holiday, including 3 days Christmas closure, plus Bank Holidays (x8).
- Recruitment Reward Scheme.
- Flexible maternity options after month 9.
- Paid paternity leave.

## CANDIDATE PROFILE

Our employees are the driving force behind our achievements. We invest in their professional growth, and in return, they bring innovation, enthusiasm, and a relentless pursuit of excellence to our operations. We seek individuals who are passionate about making a meaningful impact on the world and believe that a role with us can facilitate that ambition.

We encourage applicants who are also former Armed Forces personnel, Reservists and Cadet Force Volunteers, you will be made very welcome amongst our existing staff, who have shared your past experiences, and have been with



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us for many years. If you have the skills, mindset, and attributes to make a difference in the business then take the next step in your career by becoming a part of the Exsel Group.

For more information see [www.exsel-group.com](http://www.exsel-group.com), to apply to join our dynamic team, please forward your CV and covering letter to [careers@exsel-group.com](mailto:careers@exsel-group.com)

