

## Job Description

TITLE:	Project Engineer
REPORTING TO:	Head of Operations & Compliance
DEPARTMENT:	Operations

### PURPOSE OF THE ROLE

Reporting to the Head of Operations and Compliance this role is required to contribute to the on time, on budget and on specification delivery of a range of Rail and Defence projects. Performance involves, but is not limited to:

- Delivering solutions to challenging, technical programmes as a member of a multi-disciplined engineering team.
- Involved with the design, development, build, testing and verification of various products/equipment, as required across the organisation.
- Monitor project schedules and milestones, ensuring alignment with quality standards and safety regulations.
- Co-ordinate external stakeholder activities in line with key milestones and technical requirements.
- Develop, generate, maintain and deliver project related technical documentation in line with customer requirements and timeframes.
- Although no direct reports the Project Engineer will mentor junior engineers / apprentices and peer review work of other engineers prior to approval.

### KEY WORKING RELATIONSHIPS:

The Project Engineer shall work closely with all functions of the organisation to resolve problems and remove roadblocks to ensure deliverables are achieved and should actively contribute to improvements in line with:

- a. The business mission and vision as set out in our strategic objectives
- b. The Project Engineering role shall be aligned with Petard SPIRIT values.
  - **Safety:** Safety is at the heart of everything we do. We take care of our employees, our customers, and the environment around us.
  - **Partnership:** We develop long term, trusted relationships with our customers, suppliers, and industry leading organisations to ensure we deliver the highest calibre solutions on time.
  - **Innovation:** We develop creative and intelligent solutions to advance our business, and our technology roadmap. From our process to our products, we prioritise continuous improvement and innovation.
  - **Responsive:** We are responsive, even anticipatory, to our customers' needs and the market's evolving requirements.
  - **Integrity:** We act fairly, ethically, responsibly, and sustainably in all that we do.
  - **Talent:** We appreciate the skills, experience and attributes of our team and we will continually invest to harness, develop and nurture their talent.

### EXPERIENCE / KNOWLEDGE

A good candidate will be able to demonstrate experience / competency in the majority of the following:

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### Essential:

- You will have worked in a technical organisation.
- Experience of requirements documentation, documentation control, and documentation signoff.
- Experience of working with the customer to ensure the correct technical solution is reached.
- Experience of project delivery, from an engineering perspective.
- Experience in ensuring Technical guidelines and Standards are adhered to.
- Experience in dealing with technical contracts, specifications and CDRL's.
- Understand the requirements for testing.

### Desirable (not essential):

- Have experience of video surveillance systems.
- Experience of Software based systems and an understanding of software delivery
- Experience of IP based systems
- Experience in the delivery of Transport Sector related projects.
- Understanding of testing methodology
- The flexibility to apply skills and knowledge across a number of different and quite diverse products throughout the organisation.
- Member of a Professional Engineering Institution (e.g. IMechE, IET).

### QUALIFICATIONS

- HND/Degree qualified in an appropriate discipline OR extensive, relevant and demonstrable experience.

### SKILLS ATTRIBUTES

#### Essential:

- Analytical and systematic individual.
- Flexible approach with the ability to manage various priorities.
- Desire to investigate and utilise new technologies and methods.
- Ability to problem solve and adapt skills in a dynamic environment.
- A team player, able and willing to support others.
- Ability to work on single-person projects and tasks
- Good inter-personal skills with the ability to communicate at all levels within the organisation and externally.
- Proactive, customer and result-focussed.
- Willingness to travel nationally and at times internationally (NB This role is mainly office-based at our Gateshead premises, but occasional trips may be required).
- UK Driving Licence.

### SPECIFIC RESPONSIBILITIES

#### Specific responsibilities include:

- Duties as outlined in the above role description.
- Such other duties as Petards may from time to time reasonably require.
- Create a variety of technical documentation for both technical and non-technical readership.
- Responsible for all Engineering delivery on a contract.

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- Working closely with all functions across the organisation to ensure the solutions meet the Engineering requirements of the customer and Petards.
- Acting as customers' representative on site and the voice of Engineering to the customer.
- Such other duties as the Company may from time to time reasonably require

Name:

(Employee)

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Signed:

(Employee)

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Date:

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Name:

(Line Manager)

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Signed:

(Line Manager)

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Date:

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