

Job Title: Senior Systems Requirements Engineer (Technology)

## Role Purpose (position scope)

This Senior Systems Requirements Engineer role is a position within the Draken Chief Technology Officer team, in support of a wide variety of internal and customer work packages and projects. The role is responsible for implementing, defining, and controlling/managing the systems requirements - over the full life cycle of work packages related to Technology Red Force Capabilities involving the Technology Team. This will include responsibility for owning, reviewing, updating and managing the Technology requirements governance process and procedures. This is a technical internal and external facing role requiring the capability to communicate complex ideas effectively at all levels with the system stakeholders including Flight Operations, EW Operations, Part 21G and Part145 Organisations. The Engineer will typically be part of an Integrated Delivery Team (IDT) and will contribute to the performance of the IDT to ensure that the performance expectations are met or exceeded. The role is to drive the requirements specification; anticipating system, hardware and software design and test complexity up front, to minimise project risk whilst managing and negotiating challenging customer requirements.

Line Manager	Dotted Line	Direct Reports	Dotted Line
Chief Engineer (Technology)	Deputy Chief Engineer (Technology)	None	None

## Key Responsibilities

- Safety first. Operate in accordance with the SHE standards. Identify where the SHE Standards are applicable to appointed operations/tasks and apply safe systems of work.
- Help identify, implement and manage a suitable Requirements Management Tool.
- Implementing, defining, and controlling/managing the systems requirements - over the full life cycle of Technology work packages
- Responsibility for owning, reviewing, updating and managing the Technology requirements governance process and procedures.
- Engage at all levels with internal and external facing stakeholders to document, agree and manage the system requirements with appropriate stakeholders including Flight Operations, EW Operations, Part 21G and Part145 Organisations
- Support the Chief Engineer to facilitate the maximisation of team performance through motivation, conflict management and good communication.
- Act as Technical lead within an IDT for nominated technology tasks/projects.
- Produce/write technical system documents such as SOR, SOW, System Engineering Plans, Qualification Testing Plans, EMC Test Plans and System Test and Acceptance Plans.
- Contribute to and lead customer meetings where appropriate.
- Maintain, grow and promote relevant technical skills and domain knowledge - help develop staff competency by sharing domain knowledge and skills.
- Understanding and reviewing systems, hardware, software, test and integration documentation to confirm that the hardware, software and architecture design are compliant.
- Fulfil tasks to agreed time, budget and quality
- Recognizing the need for and proposing process and product improvements to ensure best practice and compliance with relevant standards (including safety).

- Application of, and compliance with, engineering processes and practices, including engineering framework, LCM and regulatory requirements.
- Travel within the UK and overseas to support business needs as necessary.
- Any other duties reasonably requested by management within the capability of the incumbent.

### Core Competences

- Excellent communication, technical report writing and presentation skills.
- The ability to work within a large organisation in a matrix management structure.
- Team oriented with proven communication, change management and influencing skills.
- Negotiating skills to influence and agree new requirements with key stakeholders including customers and users.
- Attention to detail with high levels of accuracy.
- Self-motivated, confident and assertive.
- Managing and prioritizing of own time across multiple activities to meet relevant deadlines and timescales.
- Knowledgeable of engineering processes, practices and measures of performance and ability to make recommendations to drive their continuous improvement.
- Ability to build excellent relationships with team leads and peers across Draken.

### Experience

- Proven experience in Technical System Requirements Management Role
- Good understanding of EW and Radar Systems
- Understanding of Civil or Military flight certification processes.
- Using a requirements management tool such as DOORS with full traceability and verification attributes.
- The delivering technical tasks to time, cost and quality using a hybrid approach
- Using agile tools such as JIRA and waterfall tools such as MS Project.
- Writing of Technical Specification for contracting and subsequent subcontractor management.
- Minimum of Degree in Systems/Aerospace Engineering related subject
- Desirable – CEng, MEng/MSc

### Key Measures

- Quarterly review of Objectives and Key Results
- Safety, Quality and Regulatory compliance of all activities.
- Customer satisfaction and organisational reputation.
- Compliance with all Draken Policies, Processes and Procedures and company ethics.
- Continuous improvement and change in line with best practice.

