Solutions Architect – Satellite Communications

COMPANY: e2E SERVICES LTD.

JOB REF: RES.056

TYPE OF ROLE: PERMANENT

CLIENT LOCATIONS: Based in Welwyn Garden City (Hybrid working supported where possible)

Our Company

e2E covers the entire spectrum of any satellite communication project, from end-user requirements, through systems specification, design, development and qualification, commissioning and operations. To both commercial and defence related domains, we offer deep understanding and insight to enable a more user-friendly and accessible use of space assets and services.

Innovation and ingenuity, coupled with finding dependable solutions are the guiding principles of anything we do for our customers. Working with e2E requires a high level of dedication and personal motivation, commitment and a drive to continually seek to improve things. Our collaborative and close-knit teams across the company make e2E a great place to work and ensure that we listen and act on new ideas.

Job Description

e2E supports system design, system analysis, major bids, implementation, and testing of military satellite communications networks including satellites built to civil and military specifications. These networks can involve GEO, MEO and LEO satellites and include the use of existing commercial satellite systems to augment core military satellites constellations. We are recruiting a solution architect to strengthen our team. This role will typically be required to work with multiple customers on their projects. The candidate will have an excellent understanding of satellite and network projects at both system and subsystem levels, incorporating space and ground segments.

Agility in Communications

Solutions Architect – Satellite Communications

Key Responsibilities

- Analysing customer requirements that involved complex technical aspects and trade off studies.
- Designing, developing and preparing system designs.
- Chairing design reviews.
- Ground segment engineering, solution development, documentation and verification testing.
- Approving supplier technical proposals.
- Technical Project Management.
- Leading meetings involving sub-contractors and/or customers.
- Reviewing and providing commentary on existing customer analysis and documents as well as supporting due diligence activities
- Preparing inputs for RFI responses, commercial proposals and quotations.

Skills, Character and Experience

Essential:

- Graduate with a good Honours or Masters degree in a relevant subject; equivalent qualifications and/or experience can be considered as an alternative.
- At least seven years' experience ideally gained in the satellite communications or associated industry.
- Strong practical knowledge of systems engineering practices from requirements engineering through design/development.
- Thorough understanding of satellite systems and associated engineering concepts.
- Must have experience in IT, particularly as it applies to satellite communications and networking. Knowledge of Microsoft and Linux based operating system installation and configuration.
- Must be proficient in the development of maintenance documentation and support programmes for developed solutions based on OEM component documentation.
- Strong analytical skills, the ability to identify key issues and to solve day-to-day challenges and issues and to report upon and present Key Performance Indicator and Service Level Agreement information.
- Technical Project Management experience.
- Experience of working as an integral part of a highly focused team.
- Good customer-facing and communication skills with ability to produce and present clear, concise and unambiguous presentations to customers and other clients.

Desirable:

- Chartered Engineer or equivalent.

Agility in Communications

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- Satellite link budgets and system capacity modelling
- Knowledge of standards of system or enterprise engineering, like SysML or TOGAF.
- Experience in applications programming, scripting technologies (eg. LUA, PHP, SOAP).
- Cisco CCNA or CCNP certification.
- Formal qualifications in Workplace Training and Assessment.
- Formal qualifications in Project Management.
- A working knowledge of network virtualisation technologies (VMware, Hyper-V).
- A knowledge of network management and monitoring
- An understanding of costing and market pricing principles.

Salary

- Attractive compensation package dependent on skills/experience plus a growing list of Company benefits
- By submitting your CV/application you are consenting to e2E Group using and storing information about you for monitoring purposes relating to your application of future employment. This information will only be used by e2E Group.

e2E Group is committed to achieving workforce diversity and welcome all applications irrespective of social and cultural background, age gender, disability, sexual orientation or religious belief.

Agility in Communications