

**Satellite Communications Systems Engineer
Job Specification**

Job Title: Satellite Communications Systems Engineer

Job Reference: TSD.JSP.003

Location: Welwyn Garden City (with potential work at customer sites)

Type of Role: Our Company works in Satellite Communications Consultancy & Development. The Satellite Communications System Engineer will hold a technical role and be involved primarily in supporting our customers from the satellite communications industry with technical advice and commercial expertise.

Key Objectives: A successful candidate will be responsible for undertaking communications systems engineering tasks to support the Company's consultancy, technical studies and pre-sales activities; analysis, monitoring, mini project management as part of the responsibilities below and service performance for and overall engineering of end-to-end satellite systems.

- Responsibilities:**
- Advising customers on the definition and design of satellite communications systems, including RF and digital communications;
 - Ground Segment Engineering – requirements definition, trade-off analysis and designing new systems/ equipment and sizing;
 - Communications Payload Engineering (including understanding of digital payload design);
 - Provide technical consultancy services to and make technical representations within and outside the company
 - Preparation of concept of operations and service delivery documentation;
 - Participation in relevant operations and procurement (when necessary) reviews and meetings;
 - Coordination, planning and implementation of Ground and Satellite Operations for system-wide operations;
 - Experience of capacity and coverage planning, link budget analysis and transmission planning;
 - Development of design and analysis toolkits for modelling and simulation of end-to-end system performance;

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	<ul style="list-style-type: none">• Maintain awareness of technology trends and assist in the development of new products and services and be able to outline their architectural implementation and support trials.
Salary:	<ul style="list-style-type: none">• Circa £40-£50,000 dependent on experience/qualifications plus benefits