

**Satellite Communications Systems Engineer
Person Specification**

Job Title:	Satellite Communications Systems Engineer
Job Reference:	TSD.PSP.003
Location:	Welwyn Garden City
Type of Role:	The Satellite Communications System Engineer will hold a technical role and be involved primarily in providing technical and commercial expertise to e2E's customers in the satellite communications industry.
Skills/Experience Required:	<p>Essential :</p> <ul style="list-style-type: none">• The ideal candidate has a good degree in an Engineering or Science subject and be a member of a professional industry body (e.g. Chartered Engineer).• 3-5 years' experience in satellite communications systems engineering with knowledge of system design, ground segment design, satellite operations and payload engineering (including RF systems design, digital communications, air interface communications standards such as DVB-S2, DVB-RCS);• The candidate will need a thorough understanding of communications systems and associated engineering concepts, e.g. link budget analysis, IP networking, radio spectrum management, modulation and demodulation, security, interference etc.• Strong practical knowledge of systems engineering practices (from Requirements Engineering through Design / Development and on to VV&T);• Confidence in working directly with potential customers, suppliers and subcontractors at the technical level;• Experience developing requirements, systems design documentation, test plans and procedures, and operational procedures;• The candidate will need "hands on" experience of working with satellite communications systems and a proven track record of identifying and solving problems efficiently in this environment.

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	<p>Desirable:</p> <ul style="list-style-type: none">• Practical experience in the commissioning and testing of satellite systems – satellite and ground based;• Business awareness and acumen;• Experience on ESA projects or programmes;• Satellite manufacturer and/or ground segment system engineering experience will be considered as an advantage;• Understanding of security architectures;• Some experience in military satcoms also desirable.
<p>Qualifications:</p>	<ul style="list-style-type: none">• Chartered Engineer (preferred)• 2:1 degree in a related field required
<p>Personal Profile:</p>	<ul style="list-style-type: none">• Thorough and professional approach to problem solving.• Strong analytical skills and ability to identify the key issues both technically, commercially and in organisational processes.• Enthusiastic and desire to learn about systems and develop skills within a commercial environment.• Willing to travel and work at customer sites around the UK.• The candidate will need to be able to quickly build relationships with both peers and customer management and demonstrate an ability to “hit the ground running” and understand underlying issues.• Able to function effectively within a team and with other personnel throughout a customer organisation.• Technical writing skills and good verbal and presentation communications skills• The candidate should be enthusiastic across a wide range of tasks and proactively seek out opportunities to help the customer