

COMPANY: e2E SERVICES LTD.

JOB REF: RES.060

TYPE OF ROLE: PERMANENT

LOCATION: WELWYN GARDEN CITY, HERTFORDSHIRE & CORSHAM, WILTSHIRE



Our Company

e2E has remained at the forefront of innovation in the satellite communications industry for over two decades now. We offer our clients unrivalled expertise to design, develop and operate state-of-the-art solutions and systems, world-wide. Our portfolio of technical capabilities and technology know-how covers the entire spectrum of a satellite communication project, from market opportunity sizing and end-user requirements all the way through to ground network development, commissioning, and operations management. Our services are provided on both commercial and defence related programmes.

Innovation and ingenuity are the guiding principles of all we do for our customers. Working as part of e2E calls for a high level of dedication, personal motivation, commitment, and a driving instinct to continually look to improve. The results we have consistently achieved in terms of both personal development and team working is outstanding, making e2E the perfect environment to work and develop within.

Job Description

We are expanding our team and are seeking an experienced telecommunications satellite payload engineer to support our customer in the Directorate of Telecommunications and Integrated Applications, specifically with regards to activities in the European Space Agency's programme of Advanced Research in Telecommunications Systems (ARTES).

The successful candidate will be part of a team responsible for the management of activities devoted to the development of satellite payload technology and products under the responsibility of the Payload Technology Section.

Key Responsibilities

- Initiating, monitoring, and controlling space segment technology and product development activities for satellite communications under the ARTES Core Competitiveness (CC) and other ARTES programme lines, with a focus on digital communication technologies.
- Liaising with the Procurement Department, the Strategic Programme Line Managers, and other relevant Departments of ESA as necessary to fulfil this role.
- Supporting activities of the Ground Segment Section and the creation and implementation of ARTES partnership projects.
- Reporting regularly on the progress, status, schedule, and outcome of ARTES activities, including realistic forecasting of milestone completion dates.
- Identifying and defining product and technology needs for future satellite communication services, in particular, for digital communication technology and products.
- Supporting the promotion of the ARTES 4.0 programme and the ARTES socio-economic impact analysis.
- Coordinating the provision of expert technical support from other ESA organisational units (e.g., TEC) as required to ensure an effective initiation and management of activities.

Skills, Character and Experience

- Experience in managing technology development activities carried out by industry for commercial satellite communications.
- Knowledge of ESA and industrial development, verification and procurement processes is considered an asset.
- Knowledge of satellite communication system architectures, products and market.
- Experience of developing system requirements and subsystem architectural design.
- Experience of radiation and hazard analysis of the payload subsystem.
- Communications payload hardware equipment and onboard software.
- Experience in the specification, design, development and testing of at least one of the following: digital signal processors, communication modems, digital and/or mixed signal ASICs, software defined radios, RF equipment, active antennas, optical communication technology.
- Experience in management and communication with Stakeholder in large intergovernmental programmes.
- Experience in Contract/subcontract management.
- Fluency in English is mandatory; knowledge of another European language is an advantage.

Essential Requirements

- Relevant master's in engineering or equivalent University degree.
- Strong spacecraft engineering background.
- >5 years of experience of working in satellite communications payload design and development.

Telecommunications Satellite Payload Engineer



- >5 years of experience in working with major satellite manufacturers, suppliers and equipment providers.
- Collaborative team working and working at the boundary between collaborative organisations
- Ability to working under own initiative and across a remote and distributed team.

Desirable Requirements:

- Chartered Engineer.
- Experience in leading cross-cultural, international teams.

Remuneration Package

- Competitive salary dependent on skills/experience.
- Growing list of Company benefits (including 6% Company Pension Scheme contribution, Death in Service Benefit, Income Protection Insurance, Private Health Care, Employee Share Option scheme, 25 days holiday per annum in addition to public/bank holidays).

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.

