



## Satellite Systems Operations Engineer

**COMPANY:** e2E SERVICES LTD.

**JOB REF:** RES.030

**TYPE OF ROLE:** Permanent

**LOCATION:** Darmstadt, Germany



### **Our Company**

We have been at the forefront of innovation in the satellite communications industry for two decades, offering to all its stakeholders unrivalled expertise to design, develop and operate state-of-the-art solutions and systems, world-wide. Our portfolio of services and technology know-how covers the entire spectrum of any satellite communication project, from market opportunity sizing and end-user requirements down to ground network development, commissioning, and operations. To both commercial and defence related domains, we also offer unique modular and agile technology to enable a more user-friendly and accessible use of satellite communication resources.

Innovation and ingenuity 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 but the results our Group has consistently achieved over the years, at personal and team levels, are outstanding and make e2E a great place to work.

### **Job Description**

We are expanding our team and are seeking a satellite systems operations engineer based in Darmstadt, Germany working as part of our multi-national project team.

In the context of Satellite Earth Observation ground segment, monitoring and control systems, in an operational Mission Control Centre environment.



## Satellite Systems Operations Engineer

You will provide support for the mission performance of the current Ground Segments (Meteosat Second Generation Ground Segment, the EUMETSAT Polar System Overall Ground System, and the Copernicus/Sentinel-3 Ground Segment). You will have a system-wide view of the satellite ground segment of the supported missions, particularly in the areas of system end-to-end monitoring & control and data flows. You will support the routine and critical operations of the LEO & GEO ground segments, as well as their evolution to include new programmes and system operations.

### Key Responsibilities

- System and Ground Segment Operations, in a real-time operations environment.
- Communications & Networks Operations.
- System Monitoring and Reporting.
- Operations Security, Infrastructure, and Training.
- Multi-Mission Tools (such as mass storage and archiving).
- Implementation, verification, and operational validation of new operational systems development.
- System operations preparation and verification/validation for new satellite systems.
- Support to anomaly investigation.
- Preparation and maintenance of operations documentation.
- Definition, development, and operational validation of operational concepts for future satellite systems.

### Skills, Character and Experience

#### Essential

- Graduate with a University degree (or equivalent) in a relevant technical discipline or the equivalent ground segment system operations engineering experience.
- Experience in the operations preparation and routine operations of Geostationary ('GEO') and Low Earth Orbit ('LEO') satellite systems.
- Experience in the operation and configuration of end-to-end monitoring and reporting systems for (Earth Observation) data processing ground segments.
- Experience in the definition, development, integration and acceptance testing of mission data monitoring systems.
- Experience defining and implementing the verification and validation of ground segment systems.

#### Desirable

Previous experience and knowledge in any of the following areas will be considered an additional asset:

- Experience of configuration and monitoring using NAGIOS/OP5.

*Agility in Communications*



## Satellite Systems Operations Engineer

- Experience of software and system testing.
- Experience with the definition and analysis of operational user requirements.
- Experience of using configuration management systems.
- Familiarity with ECSS and CCSDS standards related to space-to-ground interfaces and applicable to Satellite Monitoring & Control Systems: Packet Telemetry and Telecommand standards, PUS (Packet Utilisation Standard), etc.
- Windows & Unix / Linux operating systems.
- Web server administration.
- Shell/HTML/PHP Scripting and XML.
- Database Management and SQL.
- Integrated Development Environments such as Eclipse.

### Salary

- Competitive generous salary package
- Please apply by sending your CV to [recruitment@e2egroup.co.uk](mailto:recruitment@e2egroup.co.uk)
- 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.

