

Ground Segment System Engineer

Description

As WGS, we are looking for a full time Ground Segment System Engineer to join our team and be part of the Service for our customer EUMETSAT.

Our service supports EUMETSAT missions' ground segments under development or in operations, including maintenance and evolutions. Initially, the service will support Copernicus programs.

The service will primarily be provided on-site in Darmstadt, Germany, with some flexibility for weekly remote working.

Responsibilities

The Candidate shall contribute to service related to the Ground Segment System Engineer. The service covers the following:

- **Management & Programmatic Support:** Contributing to overall management and program activities.
- **Engineering Requirements & Design:** Handling requirements definition, consolidation, and early design phases.
- **Detail Design & Build-Up:** Engaging in detailed design and build-up phases.
- **IVV Engineering:**
 - Defining AIV plans, test scenarios, specifications, and procedures.
 - Coordinating and implementing integration and verification activities.
 - Contributing to validation processes.
- **Operations & Maintenance Support:** Assisting with the operation and maintenance (corrective and evolutive) of various EUMETSAT ground segments.
- **Obsolescence Management:** Supporting the obsolescence of EUMETSAT ground segments or components.

Qualifications

The Key Person shall have the following experience and background:

- A university degree in a relevant technical discipline (i.e. Computer Science, Aerospace Engineering, Software Engineering, etc.) or the equivalent work experience,
- At least 3 years' experience in Systems Engineering and IV&V related activities for at least one major element (e.g. PDP, MOC, Archive etc.) of a ground segment for earth observation missions
- The ability to speak fluency in English (spoken and written),
- Knowledge of space and ground system engineering processes, and system and software life-cycles and standards (e.g: ECSS)
- Experience in change control procedures
- Very good experience in Definition, management and traceability of requirements structure with the support of dedicated tools (e.g. DOORS)

Hiring organization

WGS Workgroup Solutions GmbH

Employment Type

Full-time

Industry

Space Industry

Date posted

June 13, 2024

- Experience in interface management and definition, including familiarity with mechanisms and tools for detailed interface definition and capability to prepare and manage ICD
- Experience with formal testing (FAT/OSAT), including preparation of test procedures, TRRs/TRBs
- Experience in formal verification control processes (VCBs) and maintenance of VCDs
- Use of modelling and design languages for System Engineering (e.g. SysML) and tools in support of architectural design activities (e.g. Enterprise Architect)
- Experience in operational environments under strict configuration management rules
- Experience in maintenance of ground system and associated anomaly management process
- Experience with Data Processing systems for earth observation missions
- Experience with Satellite Mission Control systems for earth observation missions
- Experience with Ground Stations for archiving, monitoring, data dissemination
- Knowledge of scripting in Linux environment
- Experience with ground segment test data, including reconditioning, change control, and related test tools
- Knowledge of IT/ground segment technologies: relational databases, virtualisation, networking, SW deployment tools, etc
- Ability to write accurate and consistent technical documentation
- Having high degree of working autonomy, problem solving, good analytical skills
- Experience in working as part of a multicultural team

Contacts

Interested applicants should submit their CV and Cover Letter in **Word** (*.docx) or in **PDF** (*.pdf) format from the website or by emailing the WGS recruitment team at ***vacancies@workgroup-solutions.com*** before **21.07.2025**.