

G2G Services Implementation Engineer

Job Req ID: 12761

Closing Date: 14 July 2022

Publication: Internal & External

Vacancy Type: Permanent

Date Posted: 16 June 2022

Vacancy in the Directorate of Navigation.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. We therefore welcome applications from all qualified candidates irrespective of gender, sexual orientation, ethnicity, beliefs, age, disability or other characteristics. Applications from women are encouraged.

This post is classified A2-A4 on the Coordinated Organisations' salary scale.

Location

ESTEC, Noordwijk, Netherlands

Description

Galileo 2nd Generation (G2G) Service Implementation Engineer in the Galileo 2nd Generation System Engineering Unit, Galileo 2nd Generation Project Office, Galileo Programme Department, Directorate of Navigation.

Duties

You will be responsible for the capture and implementation of stakeholders' service provision requirements, the G2G Project contribution to the Service Roadmaps, Service KPIs and its measurement, and the user performance verification and validation. You will establish and coordinate activities within the Programme and with industrial consortia, and liaise with entities both inside and outside of the Agency.

You will report to the Head of G2G System Engineering Unit and your responsibilities will include:

- Liaising with the Programme, capturing and implementing the service provision requirements as expressed by the Programme and relevant external stakeholders
- Leading the identification and description of new user segment use cases, validating the completion of the G2G System specification and proposing updates when relevant
- Leading the definition, planning and execution of the user performance verification and validation test objectives and test cases, in line with the System Assembly, Integration and Verification Plan
- Contributing to the System Assembly, Integration and Verification Plan and its execution in the area of user performance verification and validation
- Contributing to the System verification in the area of user performance
- Contributing to, and leading when required, the definition and implementation of tools and testbeds to demonstrate, prototype, and validate user performance, for use cases already identified and for new ones
- Contributing to the G2G system architecture and operations concept in your area of expertise
- Coordinating with the Space Segment team, and the Ground Segment team in your area of expertise

- Acting as focal point in your area of expertise within the Agency and with the Programme and other external partners
- Generating lessons learned and contributing to the Knowledge Management initiatives in the Directorate of Navigation
- Supporting R&D activities within the G2G Project, EGEP, H2020 & Horizon Europe Programmes

You will coordinate an industrial support team and cooperate closely with the other team members working on System design and verification, in particular with system engineers, system security engineers, performance and RAMS engineers, signal and receiver engineers, and system architects. You will also cooperate with the Space Segment, Ground Segment, and other teams in the Directorate of Navigation, the Directorate of Technology, Engineering and Quality.

Technical competencies

Knowledge of GNSS Systems, User Equivalent Range Error and Sensor Fusion
 Experience in GNSS Receivers and GNSS user segment applications such as high accuracy, mass market, autonomous vehicles and/or timing & synchronisation
 Experience in management of industry contracts for technology and product development
 Knowledge and Experience in System Engineering and Verification

Behavioural competencies

Result Orientation
 Operational Efficiency
 Fostering Cooperation
 Relationship Management
 Continuous Improvement
 Forward Thinking

Education

A Master's degree in telecommunications engineering or related field is required for this post.

Additional requirements

You should be able to work in a fast-paced environment and handle pressure as may typically be required when working in a project team. You should be results-oriented, able to set priorities, and capable of presenting practical solutions both verbally and in writing.

You should have good interpersonal and communication skills. You should be able to work autonomously, effectively and cooperatively in a diverse, international team environment, defining and implementing solutions in line with team and individual objectives and project deadlines. You should also have good technical, analytical, organisational and reporting skills, a proactive attitude to solving problems and an interest in innovative technologies.

You must be eligible to obtain an EU personal security clearance from your relevant national authority.

Other information

For behavioural competencies expected from ESA staff in general, please refer to the [ESA Competency Framework](#).

The working languages of the Agency are English and French. A good knowledge of one of these is required. Knowledge of another Member State language would be an asset.

The Agency may require applicants to undergo selection tests.

At the Agency we value diversity and we welcome people with disabilities. Whenever possible, we seek to accommodate individuals with disabilities by providing the necessary support at the workplace. The Human Resources Department can also provide assistance during the recruitment process. If you would like to discuss this further please contact us email contact.human.resources@esa.int.

Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada, Latvia, Lithuania and Slovenia and in addition of Member States of the European Union not members of ESA: Bulgaria, Croatia, Cyprus, Malta and Slovakia.

According to the ESA Convention the recruitment of staff must take into account an adequate distribution of posts among nationals of the ESA Member States. When short-listing for an interview, priority will first be given to internal candidates and secondly to external candidates from under-represented Member States.

(<https://esamultimedia.esa.int/docs/careers/NationalityTargets.pdf>)

In accordance with the European Space Agency's security procedures and as part of the selection process, successful candidates will be required to undergo basic screening before appointment.

Recruitment will normally be at the first grade in the band (A2); however, if the candidate selected has little or no experience, the position may be filled at A1 level.