

Job Title: EGNOS System Engineer

Job Requisition ID 10604 - Posted 05/11/2020



EUROPEAN SPACE AGENCY

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. Applications from women are encouraged.

Post EGNOS System Engineer

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

Location
ESTEC, Noordwijk, The Netherlands

Description

You will be deployed in the System Engineering Section in charge of EGNOS architecture, within the EGNOS & SBAS Division, Strategy and Programme Department, Directorate of Navigation and will functionally report to the EGNOS V3 Principal System Engineer.

Duties

- You will be primarily responsible for following and managing the industrial work packages in EGNOS V3 programmes in the area of system specifications, design and development. This covers industrial supervision, interactions with the prime contractors, and developing subcontractors.
- You will interact with the System Performance, System operations and System Security teams to understand the impacts of system design evolutions proposed for V3 and its evolutions.
- You will support the EGNOS V3 Principal System Engineer in capturing and synthesising recommendations for system design evolutions provided by EGNOS evolutions studies.
- You will also support the system Qualification, Safety, Security and Operation engineers in their areas of expertise.
- You will maintain a link with the TEC technical teams in ESTEC performing activities in support of the EGNOS Project Office.

Technical competencies

Knowledge on large scale complex ground and space system architecture including interfaces, networks and protocols
Knowledge of the main tools usable for model-based systems engineering
Systems engineering of software systems

Behavioural competencies

Results Orientation
Communication
Teamwork
Innovation & Creativity

Education

A Master's degree in telecommunication, electronic or computer science engineering is required.

Additional requirements

A good background in ground/space systems engineering, including several years of experience in these fields are required. Relevant experience in mission requirement analysis, system design in a multidisciplinary environment (Security, Operations, Performances), in procurement of industrial activities, and in the implementation of security measures in a system composed of critical real-time and partly virtualised non real-time software applications, is also required.

Experience in SBAS, Navigation systems or Safety of Life systems will be considered an asset.

Experience in GNSS-related R&D (e.g. studies of evolutions of augmentation concepts, new services, extended areas or alternative means of dissemination, data flows/signals & services authentication, virtualisation technologies) will also be considered an asset.

You should have good interpersonal and communication skills. You should be able to work autonomously, effectively and cooperatively in a diverse and international team environment and to define and implement solutions in line with team and individual objectives and project deadlines.

You should also be willing to travel.

You should also have good analytical, organisational and reporting skills, a proactive attitude to solving problems and an interest in innovative technologies.

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.

The closing date for applications is 03 December 2020.

If you require support with your application due to a disability, please 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 and Slovenia.

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.