

EUROPEAN SPACE AGENCY

Vacancy in the Directorate of the Galileo Programme and Navigation-Related Activities

The European Space Agency is an equal opportunity employer
and encourages applications from women

POST

GALILEO Ground Segment Security Engineer in the GNSS Ground Segments, Sites & Operations Security Unit, GNSS Security Office, Galileo System Office, Galileo Programme Department, Directorate of the Galileo Programme and Navigation-Related Activities.

This post is classified in the A2–A4 grade band on the Coordinated Organisations' salary scale.

LOCATION

ESTEC, Noordwijk (Netherlands).

DUTIES

Reporting to the Head of the GNSS Ground Segments, Sites & Operations Security Unit, the postholder will act in coordination with the Galileo Ground Segment Procurement Office in the management of the following activities:

- technical support for the Galileo Security Monitoring Centre (GSMC) and Point Of Contact Platform (POCP) design, development, AIV and accreditation follow-up activities, including interactions with relevant Member State and GSMC stakeholders (hosting entity & operations);
- technical support for the Security Operational Intelligence Facility (SOIF) design, development, AIV and accreditation follow-up activities, including interactions with relevant Member State representatives and stakeholders (hosting entity & operations);
- technical support for Galileo Mission Segment (GMS) and Control Segment (GCS) Security and classified design, development, AIV and accreditation follow-up activities;
- providing security design expertise to the Galileo System Procurement Office for the design and development of the Ground Segment Security design during its evolution;
- providing security expertise in cyber security in terms of network design, treatment definition, vulnerability identification/correction, countermeasure technology and operational procedure mitigation identification;
- defining Ground Segment cyber security requirements and implementation follow-up at GMS and GCS levels;
- organising and following up penetration testing organised at system level and by independent national authorities;

- defining an overall approach for Ground Segment cyber protection including patch policy, virus protection, applicable standards;
- providing support for Ground Segment/Element Treatment and vulnerability follow-up in the Review Accreditation Board (RAB).

QUALIFICATIONS

Applicants for this post should have a Master's degree or equivalent qualification in a relevant engineering discipline and substantial project Phase C/D/E experience, plus a good background in ground system design, development, deployment and testing. System engineering experience in a relevant context and a sound knowledge of automation and virtualisation technologies are important.

Candidates are expected to have a proactive attitude to problem-solving, plus good planning and organisational skills. They should demonstrate responsible decision-making and be able to work and communicate effectively in a team setting.

Knowledge of modern computer systems, programming languages, engineering standards and tools such as DOORs is required. Familiarity with data processing solutions and techniques for satellite control systems is also desirable.

Applicants must be eligible for security clearance by their national security administration.

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.

CLOSING DATE

The closing date for applications is **8 September 2016**.

Applications from external candidates should preferably be made [online](#) from the ESA website (www.esa.int/careers). Those unable to apply online should submit their CV to Human Resources, ESTEC, Keplerlaan 1, 2201 AZ Noordwijk ZH, The Netherlands.

ESA staff members wishing to apply should fill in the [Internal Application Form](#) and email it to [Apply2ESTEC](#).

The Agency may require applicants to undergo selection tests.

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.

Priority will first be given to internal candidates and secondly to external candidates from under-represented Member States.

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.