

Galileo G1 Security Accreditation Engineer

Job Req ID: 12497

Closing Date: 04 July 2021

Publication: Internal & External

Vacancy Type: Permanent

Date Posted: 04 June 2021

Vacancy in the Director General's Services.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. For this purpose, we 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, The Netherlands

Description

Galileo G1 Security Accreditation Engineer in the ESA Security Office, Director General's Services and integrated support in the Galileo G1 Cyber Security, SECMON & Accreditation Unit in the Galileo G1 System Security Service, Galileo First Generation Project Office, Galileo Programme Department, Directorate of Navigation.

The Galileo G1 System Security Service is in charge of security-related activities for Galileo First Generation including end-to-end system security engineering, design and development of Galileo Public Regulated Service (PRS) infrastructure, security accreditation and cyber security.

The Galileo G1 System Security Unit is responsible for the specification, design, implementation and qualification of the PRS, System and Segment security requirements within the Galileo Programme.

Duties

You will report to the Head of the G1 Cyber Security & Accreditation Unit and your main tasks and responsibilities will be:

- Defining and maintaining the System Accreditation Certification Plan (SACP) for the full Galileo core infrastructure;
- Managing of the Threat Scenarios definition and analysis of coverage provided by the Ground and Space Segments Security procurement activities;
- Performing the System Security Risk analysis, identifying the residual risks stemming from vulnerabilities and their associated levels, and proposing the associated technical and operational risk treatments plan;
- Supporting the definition of security objectives, security feared events and their gravity for the new Galileo Services;
- Coordinating support from industry in relation to System accreditation;
- Preparing the relevant documentation required for accreditation decision (Authorisation To Operate or Approval To Launch), and required by the Accreditation Panel which is composed of national experts and supports the Accreditation Board in its decision.

Duties may also include supporting other activities within your field of competence and the transfer of knowledge across the Agency.

Technical competencies

Strong experience in System Security Risk Analysis for large and complex systems
Good knowledge of existing standard methodologies for security risk analysis
Experience in Common Criteria, Crypto component, Tempest Evaluation
Knowledge and experience of System Security architecture

Behavioural competencies

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

Education

A Master's degree in Security Engineering or related discipline is required for this post.

Additional requirements

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

You should be able to demonstrate that you can work in a fast-paced environment and handle pressure as may typically occur 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 have the ability 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.

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 04 July 2021.

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 at 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.