EUROPEAN SPACE AGENCY

EGNOS Security Engineer

Job Req ID: 12762
Closing Date: 11 October 2021
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Vacancy Type: Permanent
Date Posted: 13 September 2021

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 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, Netherlands with resident assignment in Toulouse (France).

Description
EGNOS Security Engineer, in the EGNOS Product Assurance, Safety and Security Unit within the Navigation Product Assurance and Safety Office, Directorate of Navigation.

Duties
You will report to the Head of the EGNOS PA, Safety and Security Unit, and your main tasks and duties will include:

- guiding and monitoring the implementation of Security Requirements by EGNOS contractors, at system and sub-system levels;
- following closely security requirement derivation and design during sub-system development and qualification by contractors;
- managing the status of SOCs, NCs, RFDs and RFWs from sub-system Contractors against Security Requirements, and the critical analysis of Industry Prime system assessment;
- supporting the EGNOS Non-Conformance Review Boards;
- supporting the EGNOS Technical Change Boards;
- supporting the ESA EGNOS security team through review, comments andrecommendations, related to EGNOS security risk analysis or system security engineering documents;
- supporting the definition of security technical measures required to cover identified security risk;
- following closely the implementation of security measures in system and sub-system design;
- supporting the EGNOS Accreditation Process, including:
  - provisioning the status related to sub-system security;
  - analysing and investigating EGNOS sub-system security in relation with contractors;

- analysing the impact of security risks and risk treatment plans on EGNOS sub-systems;
- analysing the penetration test findings and security patches.

You will be involved in EGNOS System milestones (reviews, key points, etc.), and in the preparation of and/or attendance to some Security Boards with EUSPA and EC such as SEC-EB, MSEB, GSAP addressing domains within your area of responsibility.

You will cooperate closely with the other EGNOS teams working on system design, or on development and qualification, in the EGNOS Project Office, as well with the EGNOS PA and Safety for sub-system review follow-up and for ensuring consistency between Safety and Security.

Technical competencies
Knowledge in security architectures, security hardening, cyber-security
Specification, design, development, deployment and testing of complex secure systems
Experience in applying system engineering principles, processes and standards
Experience in software processes and secure standards
Knowledge of project development phases

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

Education
A Master's degree in an engineering discipline is required for this post.

Additional requirements
You should have extensive experience in security technologies in a complex software system for large distributed systems.

Experience in security risk analysis will be considered an asset.

You are able to work autonomously, effectively and cooperatively in a diverse, international team environment. You have good organisation and communication skills, a proactive attitude to solving problems and an interest in innovative technologies.

You are eligible to obtain EU security clearance from your 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.

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.