

Job Title: Access Control Engineer

Req ID 5202 - Posted 17/09/2018



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

Access Control Engineer

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

Location

ESTEC, Noordwijk, The Netherlands

Description

Access Control Engineer in the Galileo System Security Unit in the Galileo Security Office, Navigation Security Office, Directorate of Navigation.

Duties

The holder of this post will report to the Head of the Galileo System Security unit within the Galileo Security Office.

He/She will be in charge of:

- maintaining the requirements of Galileo PRS (Public Regulated Services) Access Control at system and segment levels as well as the associated interface control documents.
- maintaining the Access Control functional chain within the system design definition file (logical and physical), participating in segment design reviews to ensure proper design of the PRS Access Control functions in line with system expectation,
- following the development and qualification of the segment level access control functions; this includes following the segment design reviews and actively participating in the corresponding qualification campaigns (reviewing the segment test plans, close follow-up of segment tests with respect to the PRS Access Control functionality, test witnessing and qualification credit reviews)
- ensuring that the PRS access control functions are also qualified at system level, by supporting system integration and verification activities, helping in the definition of system testing with respect to the PRS Access Control and following up system tests (test witnessing, and participation in TRRs, TRBs)
- following up system and segment anomalies related to PRS Access Control
- regular reporting to the Head of Unit

Technical competencies

System engineering principles, processes and standards

Industrial development, verification and procurement processes

Information technology security and in particular broadcast encryption systems

Satellite systems and ground segment architecture

Design, development, deployment and testing of complex secure systems

Behavioural competencies

Communication
Problem Solving
Results Orientation
Teamwork

Education

Engineering degree (Master level)

Additional requirements

Applicants should have a good background in satellite navigation, signals and security engineering applied to space systems with substantial experience in projects development phases. Knowledge of satellite systems is also a prerequisite. The incumbent will work inside the Galileo Security Office which is in charge of all the security-related activities for Galileo and Galileo Second Generation projects, therefore previous involvement in system security engineering (design, development, verification) for complex systems, preferably satellite-based will be considered an asset. Candidates are expected to be able to set priorities and identify practical solutions. They should be able to work autonomously as well as in a team environment. They should have good organisational and communication skills, a proactive attitude to problem-solving and an interest in innovative technologies.

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

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 15 October 2018.

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 and Slovenia and in addition of Member States of the European Union not members of ESA: Bulgaria, Croatia, Cyprus, Latvia, Lithuania, 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. Priority will first be given to internal candidates and secondly to external candidates from under-represented Member States when short-listing for interview. (<http://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.