

Job Title: Platform Engineer

Req ID 5101 - Posted 30/07/2018



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Telecommunications and Integrated Applications.

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

Platform Engineer

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

Location

ESTEC, Noordwijk, The Netherlands

Description

Platform Engineer in the QKDSat Project, Telecommunications Satellite Programmes Department, Directorate of Telecommunications and Integrated Applications.

Duties

Reporting to the QKDSat project manager, the postholder is responsible for monitoring the performance and engineering aspects of the QKD satellite platform within the project.

Tasks include:

- monitoring in partnership with the satellite operator the satellite design, development, integration and testing, including interfaces and accommodation to ensure it meets satellite and platform requirements (except payload performances);
- monitoring the coherent and cost-effective implementation of satellite and platform requirements from system level down to lower application level;
- maintaining the necessary satellite budgets to ensure continuous tracking of the compliance with mission requirements;
- monitoring platform design and procurement activities including interfaces with payloads to ensure correct implementation of platform requirements;
- monitoring development of all validation models such as the ATB and Satellite QM;
- monitoring development of the necessary MGSE/EGSE to perform satellite integration and test activities;
- coordinating with the operator and industry the definition, preparation and execution of platform and satellite level tests including environmental (TVAC, mechanical) and in-orbit;
- planning and coordinating necessary specialist technical support from other Directorates as required for platform work to progress;
- coordinating inputs for preparation of the operational procedures;
- supporting satellite, platform and lower-level reviews as well as end-to-end system level reviews;
- identifying potential risks associated with satellite and platform activities proposing appropriate mitigation measures;
- monitoring the schedule for satellite level activities, identifying potential associated risks and proposing appropriate mitigation measures;
- regular reporting to the QKDSat Project Manager.

Technical competencies

Multi-disciplinary knowledge of area of responsibility
Knowledge of industrial costs and schedule aspects
Knowledge of other technical domains with interfaces to own area of responsibility
Knowledge of ESA and industrial development, verification and procurement processes
ESA Space systems development, verification and review processes and standards
Systems engineering

Behavioural competencies

Relationship Management
Problem Solving
Results Orientation
Self Motivation
Communication
Teamwork

Education

Applicants should have a Master's degree or equivalent qualification in a relevant engineering discipline.

Additional requirements

Direct experience in the development of satellite platforms, preferably with a background in avionics, in industry and at ESA is considered an asset.

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 10 September 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.

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. (<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.

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.