

Business Applications Officer (Safety & Security)

Job Req ID: 12968

Closing Date: 10 November 2021

Publication: Internal & External

Vacancy Type: Fixed-Term

Date Posted: 13 October 2021

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. We therefore welcome applications from all qualified candidates irrespective of gender, sexual orientation, ethnicity, beliefs, age, disability or other characteristics. Applications from women are encouraged.

This is a non-renewable post for a limited duration of 4 years and is classified A2-A4 on the Coordinated Organisations' salary scale.

Location

ECSAT, Harwell, United Kingdom

Description

You will report to the Head of the Partner-led and Thematic Initiatives Section, and will work at the forefront of innovative opportunities in ESA's Downstream Business Applications and Space Solutions. You will be responsible for developing and promoting space-based applications and services with a focus on Safety and Security.

In ESA Business Applications, our aim is to show that space is open for business and has the power to improve our everyday lives on Earth. We do this by helping companies integrate space data and technology in commercial services.

You will work in close cooperation with members of the Telecommunications and Integrated Applications Directorate and other Directorates, as well as with industry and institutions representing user communities in the framework of ESA programmes.

Duties

- Identifying and characterising opportunities in Safety and Security for new services and applications exploiting space assets, such as satellite Earth observation, satellite navigation, and satellite communications and technologies defined for utilisation in space;
- Establishing and developing strategic partnerships with private and public stakeholders in innovative technologies and market sectors related to Safety and Security applications, such as public safety and essential services;
- Coordinating applications activities in Safety and Security and liaising with the 4S programme line manager to define and develop initiatives in the context of the ARTES programme, potentially in cooperation with partners, to help generate sustainable space-based applications and services;
- Participating and contributing to internal ESA working groups related to the specific application areas relevant to the 4S ARTES programme;
- Managing studies and demonstration projects in your areas of responsibility, including preparing new ITTs and tender actions, in coordination with the relevant ESA teams;
- Analysing and assessing the business, technical and regulatory aspects associated with operating sustainable space-based applications and services;

- Initiating and/or participating in international working groups and events in specific applications areas for facilitating industry awareness of new initiatives;
- Analysing the impact of space-based solutions in the different thematic areas and vertical sectors and assessing future trends and opportunities;
- Defining opportunities for utilising space assets and technologies in conjunction with non-space disruptive technologies;
- Helping prepare work plans and reporting to delegate bodies;
- Coordinating activities pursued in the context of cross-directorate/cross-ESA programmes;
- Coaching junior team members and supervising service task execution.

Technical competencies

Background and working experience in space Telecommunications, Navigation and Earth Observation (two domains at least)

Knowledge relevant to the field of activities

Stakeholder management

Market research analysis

Project acquisition and/or business development

Experience in the management of applications development activities

Behavioural competencies

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

Education

A master's degree in relevant disciplines, e.g. engineering, computer science.

A master's in business administration or other business qualification is a distinct advantage.

Additional requirements

You will bring at least 5 years' working experience and in-depth knowledge of satellite Earth observation, satellite communications or navigation technologies. You have solid experience in (some of) the following technologies:

- 5G networks
- Internet of Things
- cyber-security
- quantum and laser communications.

Knowledge of the space sector and of (at least one of) the following vertical sectors is required: transport and mobility, utilities (water, energy, waste), safety and security applications, critical infrastructure.

You have experience with data analysis and derivation of key indicators as well as user requirements derivation.

You also have experience in preparing dossiers and reports for Board meetings.

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 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.

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 view of the limited duration of this post, internal candidates are strongly advised to contact their HR advisor before applying.

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.