

Security Operations Officer

Job Req ID: 12581

Closing Date: 30 August 2021

Publication: Internal & External

Vacancy Type: Permanent

Date Posted: 19 July 2021

Vacancy in the Directorate of Operations.

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

Location

ESOC, Darmstadt, Germany

Description

Security Operations Officer in the Technical and Management Support Section, Advance Concepts and Management Support Office, Mission Operations Department, Directorate of Operations. The Mission Operations Department is responsible for preparing and conducting flight operations for entrusted ESA missions. The protection of space and ground is of utmost importance to ESOC. You will be required to coordinate with multiple parties both inside and outside the organization ensuring appropriate security taking into account confidentiality, reliability and economic factors.

Duties

You will report initially to the Head of the Technical and Management Support Office, and will be responsible for supporting the enhancement of secure mission operations. As the focal point for space mission operations you will support the Ground Segment Managers, ensuring appropriate protection of space and ground assets. In close coordination with the ESA Security Office you will be designated as prime or alternate Project/System Security Officer and also act as Cyber Security Manager.

Your main tasks will include:

- Assessing the security risks of the missions entrusted to the Department, and the applicable security directives or security requirements flowing down from the various projects;
- Providing support to the Ground Segment Managers to enable appropriate security measures in line with applicable requirements. You will be responsible for driving proactively and with a solution-oriented approach, the development of requirements as well as implementing security with a clear efficiency-focused objective;
- Managing industrial contracts (engineering, maintenance and operations) as required for assigned roles, ensuring service delivery in accordance with agreed Service Level Agreements;
- Defining and maintaining an overall cyber security operations concept, and the associated architecture, process and procedures;
- Taking an active role in the development of security operation procedures as requested by projects;

- Supporting and driving the specification of cyber and general security requirements in close cooperation with customers and stakeholders as well as helping to create related investment roadmaps;
- Supporting Local and System accreditation processes in close coordination with the ESA Security Office and interfacing with security authorities as required;
- As appropriate and when delegated, you will be asked to attend reviews, panels and boards of ESA missions to enhance aspects of secure operations;
- Supporting reviews, boards and panels related to your duties;
- Acting as Project/System Security Officer (PSSO) for mission operations as defined by the ESA Security directives;
- Acting as Cyber Security Manager and taking on that role vis-à-vis the ESA Security Office and the mission managers;
- Handling cryptographic products relevant to the mission operations department.

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

Technical competencies

Experience in satellite and ground operations

Design, development, deployment testing and/or operations of complex secure systems

Knowledge of complex satellite missions and related security architectures

Knowledge of the security regulatory framework at ESA and/or European level

Security engineering and associated disciplines, in particular communications and network security

Behavioural competencies

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

Education

A Master degree in engineering, space science or space applications is required.

Additional requirements

You must be eligible for a personal security clearance by the relevant national authorities.

Knowledge of the ISO 27001 standard and protection against cyber security threats would be an asset.

Knowledge and experience of setting-up, implementing and managing ITIL frameworks, performance management systems based on service level agreements, business continuity programmes, in both insourced and outsourced environments, would be 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.

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.

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