

VN 23/37 Mission Planning Software Application Engineer (Closed)

The VN is closed. We do not accept further applications for this role.

The EUMETSAT Mission Planning System (MPS) is a critical asset of the EUMETSAT Ground Segment for the operations of Earth Observation missions.

The Mission Planning Software Engineer will be part of a dynamic international team responsible for a broad spectrum of Mission Operations Applications.

The successful candidate will ensure evolution and maintenance of the MPS generic elements and their instantiation for LEO and GEO space missions in development or already in orbit.

Close collaboration with the Flight Control Teams will offer her/him the enriching experience of seeing the end-use of the systems under her/his responsibility.

Duties

- Ensure Software Engineering of both multi-mission kernel and mission-specific Mission Planning System software products, from requirements definition to validation and maintenance in collaboration with cross-functional internal teams using and procuring MPS;
- Define, design and maintain the EUMETSAT Mission Planning System's reference architecture and promote its adoption within new space missions;
- Management of industrial contracts through SLA and KPI;
- Identify opportunities for optimisation and promote innovation within the engineering team, by staying up-to-date with the latest industry trends and emerging technologies, to drive product excellence and cost effective solutions into operation.



LOCATION

Darmstadt,
Germany



QUALIFICATIONS

Engineering degree in a relevant discipline (e.g. software engineering).



LANGUAGES

The official languages of EUMETSAT are English and French. Candidates must be able to work effectively in English and have some knowledge of French.



DEADLINE

6 November 2023

Skills and Experience

Knowledge and experience required:

- Five years experience in the development and maintenance of medium-large scale software systems in a high-availability (24 h/day) environment;
- Specification, architectural design, development and maintenance of space missions critical applications under CCSDS and ECSS standards;
- Modern software technologies (e.g. web and cloud, containers and containers orchestration) and optimized software lifecycle management (requirements and design engineering, continuous integration, verification and deployment as well as anomaly handling);
- Good interpersonal and communications skills, team spirit and service oriented;
- Strengths in synthesising and presenting complex problems and solutions.

Knowledge and experience in the following areas/systems would be a distinct advantage:

- Mission planning functions and implementation solutions for space missions;
- Java and C++ programming languages and related development environments, as well as open-source solutions and technologies applied to the Mission Control domain;
- Mission control and flight dynamics functions as systems to be interfaced by Flight Dynamics Systems as well as spacecraft flight operations procedures and simulations functions;
- Understanding of spacecraft flight operations procedures and simulations functions;
- Software support to end-user Flight Control teams and management of industrial contracts.

Employment Conditions

The initial contract will be of 4 years' duration, with subsequent 5 year contracts being awarded thereafter, subject to individual performance and organisation requirements. There is no limit to the amount of follow-up contracts a staff member can receive up to the EUMETSAT retirement age of 63 and there are certainly opportunities to establish a long career perspective at EUMETSAT.

This post is graded A2/A4 on the EUMETSAT salary scales. The minimum basic salary for this post is EURO 6903 per month (net of internal tax but excluding pension contribution and insurances) which may be negotiable on the basis of skills and experience. The salary scale provides for increments on the anniversary of taking up employment, and scales are reviewed by the EUMETSAT Council with effect from 1 January each year. In addition to basic salary, EUMETSAT offers attractive benefits. Further information, including salary details, is available on the EUMETSAT web site.

EUMETSAT is committed to providing an equal opportunities work environment for men and women.

Please note that only nationals of EUMETSAT Member States may apply. The EUMETSAT Convention requires that Staff shall be recruited on the basis of their qualifications, account being taken of the international character of EUMETSAT.

About EUMETSAT

EUMETSAT is Europe's meteorological satellite agency. Its role is to establish and operate meteorological satellites to monitor the weather and climate from space - 24 hours a day, 365 days a year. This information is supplied to the National Meteorological Services of the organisation's Member States in Europe, as well as other users worldwide.

EUMETSAT also operates several Copernicus missions on behalf of the European Union and provide data services to the Copernicus marine and atmospheric services and their users.

As an intergovernmental European Organisation, EUMETSAT has 30 Member States (Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, The Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.)

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