

VISION SPACE

VisionSpace Technologies GmbH

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Job Role: Frequency & Timing Engineer

VisionSpace is expanding services in Ground Station Domain, whereas we are looking for an **F&T Engineer** capable to assist operations of **European Space Agency** – Operations Centre in Germany. He/She will be in charge of designing and procuring frequency and timing systems for a huge network of antennas. The activities are to be rendered directly at European Space Agency premises.

The goal is to ensure all support activities are carried on efficiently and effectively to allow the other operations to function properly.

What You'll Do:

- Support to projects development, in terms of definition of technical specifications and statement of work, participation for design review as well as participation to factory and site acceptance tests.
- Participation in the definition, execution and evaluation of pre-development studies by Industrial Contractors, related to frequency and timing systems.
- Support in the definition of requirements for frequency and timing systems, and participation in preliminary prototype and bread boarding activities.
- Monitoring and critical evaluation of activities related to frequency and timing systems development by Industrial Contractors.
- Engineering maintenance and enhancement of frequency and timing systems
- Monitoring under ESA responsibility of development/ procurement activities contracted to external industries; this includes engineering analysis, participation to reviews and meetings, participation to Factory and Site Acceptance Tests etc.
- Engineering support to corrective maintenance tasks, for problem requiring specific technical background in frequency and timing systems
- Engineering support to ESTRACK preventive maintenance tasks;
- Engineering support to operations

Who You Are:

- Excellent verbal and written communication skills
- Interest and experience identifying and implementing processes and procedures to improve work efficiency and productivity
- Capacity to handle tight deadlines and last-minute changes, and adapt quickly while remaining flexible
- Ability to problem-solve independently is a must
- Familiar with Microsoft applications
- Ability to quickly learn new tools
- Proven ability to exercise sound judgment in a fast paced, dynamic work environment
- Excellent problem-solving skills with high attention to detail
- Confirmed ability to maintain high level of confidentiality, integrity, discretion, and judgement
- Ability to demonstrate a positive, team player demeanour, and a passion and interest in our industry.

Requirements

Frequency and timing engineering, with experience in:

- Design and procurement of frequency and timing systems
- Caesium and rubidium based frequency and timing system (in 15111 antennas)
- Maser based frequency and timing system (mainly in 35111 antennas)
- Optical clocks
- Microwave (Sapphire) clocks
- Optical (fibre) clock distribution

What we offer:

- **Outstanding working environment**
- **Outstanding salary conditions**
- 30 days annual leave per annum
- Opportunities to travel abroad
- Continuous training

We are committed to an inclusive and diverse VisionSpace Technologies. Our company is an equal opportunity employer. We do not discriminate based on race, colour, ethnicity, ancestry, national origin, religion, sex, gender, gender identity, gender expression, sexual orientation, age, disability, veteran status, genetic information, marital status or any legally protected status.