JOB OFFER: GNSS Performance and Tools Engineer

ESSP, a young, dynamic French company open to the world, is looking for a GNSS Performance and Tools Engineer for a permanent contract in Toulouse.

We form a highly skilled team. Our employees come from different backgrounds and disciplines, from aerospace to physics, engineering to telecommunications. This allows the company great flexibility to adapt to new needs and challenges.

We are eager to provide the best quality services through safe and efficient operations and management systems. We are expanding and always on the lookout for new talent.

To find out more about us, we invite you to visit our website: https://www.essp-sas.eu/human-resources/careers/

If you are rigorous, autonomous, with a good level of English and have at least 5 years of experience on the EGNOS system and/or in the field of SBAS/GNSS, then this position is for you !

By joining us, you will be responsible for the management and maintenance of SBAS and GNSS performance analysis tools. You will help to monitor and analyse the EGNOS Signal in Space performance anomalies. In addition, you will act as a space weather forecaster within the framework of the project with the ICAO (International Civil Aviation Organization).

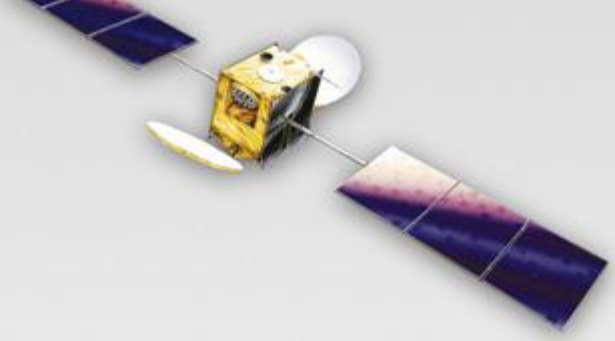
Here are your main responsabilities:

EGNOS SIS and performance monitoring:

- Maintenance in operational conditions of GNSS Signals collection, archiving and processing chain (including Radio Frequency and Software aspects) and keeping relevant document up to date.
- Provision of technical support to ESSP IT department regarding the integrity and availability of GNSS data
- Monitoring of the EGNOS signal performances including the characterization, analysis and reporting of observed degradations of GNSS signals;
- Responsible on the integration and exploitation of GNSS internal and procured software within the Engineering/Performance team
- Provision of technical reports addressing underperformance events or EGNOS SIS related studies.

ICAO Space weather service provision:

- Space weather condition monitoring (forecaster role) in the frame of ICAO Space Weather service.
- Contribution to Technical analysis and data processing combining both GNSS and Space weather aspects.



PROFILE

Generic Skills:

- Strong autonomy and rigor
- Team worker and good coordinator
- Ability to assume responsibilities and initiative
- Good communication, synthesis and reporting skills
- Good level of English (B2) – CEFR

Specific Skills:

- Strong background on GNSS technologies, standards, signal processing and SBAS architectures
- Solid experience in software development and data processing techniques in the GNSS field (Matlab/Python)
- Knowledge of space systems operations and real time service delivery.

Job Requirements:

For Space Weather service with ICAO:

- Available for work starting on 06 UTC for supporting ACFJ (Australia-Canada-France-Japan) Consortium internal handover (about 20 days per year),
- Available for on-call duty (daytime work) during weekends and public holidays (10 to 15 days per year).

Engineer degree or equivalent.

More than 5 years of relevant experience on EGNOS System in SBAS/GNSS domain

Experience in international project (European)

Advantages:

- Tickets Restaurants
- 50% of public transport costs
- Sustainable Mobility Package
- Profit-sharing
- Bonus on objective
- Health Insurance
- Bonus for On-call duty
- RTT

Please send your application file only by e-mail to the following address: recrut@essp-sas.eu

Job Location: Toulouse (France)

Type of Contract: Full time/Permanent contract

ESSP is committed to cultural diversity, gender equality and the employment of disabled workers.