



JOB OFFER

[ESSP](#), a private company with 7 major European Air Navigation Service Providers as shareholders, manages the operation and supports the adoption of the European Satellite Based Augmentation System to GPS: [EGNOS](#).

ESSP Corporate Video: <https://www.youtube.com/watch?v=ojO8TAitQoc>

The adoption of this service is rapidly growing given it allows correcting the GPS signal and offers enhanced features with accurate positioning and integrity within safety-of-life services context such as public transportation.

ESSP Website: <https://www.essp-sas.eu/careers/>

ESSP recruits a:

RIMS & NLES ENGINEER - (F/M)

By joining us, you will be in charge of technical expertise activities related to the **Ranging and Integrity Monitoring Station (RIMS)** and **Navigation Land Earth Stations (NLES)** subsystems under the responsibility of ESSP. If you have **5 years of experience in international projects**, preferably in the **space or aeronautical field** with a **good level of English**, then this position is for you!

You will be responsible for:

- Maintenance activities on the RIMS sites: replacement of equipment, cables, RF measurements, GNSS measurements, masking measurements around GNSS antennas...
- Deployment of IoT (Internet Of Things) boxes which will soon be carried out on different RIMS sites;
- Deployment of the next EGNOS V3 RIMS, by being one of the technical referents of the activity: writing technical notes, installation of equipment on sites...

You will participate in:

- Detecting and analysing breakdowns and/or abnormal events on the RIMS and NLES subsystems;
- synthesis of RIMS & NLES events (in particular for internal and customer reporting);
- instruction and analysis of the Observation Reports raised on the RIMS & NLES subsystems and the follow-up of their correction and qualification, in accordance with the anomalies management process.
- Participation in the RIMS & NLES task forces (discussions with the industry in charge of the development and maintenance of the EGNOS system);
- To installations, moves, RF/GNSS measurements and dismantling...: on RIMS and NLES sites
- RIMS & NLES data quality analysis (contingency needs with experts)
- The provision of support to the Operations team :
 - o for the technical follow up of the RIMS and NLES operational and maintenance procedures (analysis of update needs, implementation and validation of updates);
 - o for the initial on-site training of new RIMS & NLES HEs (face-to-face training);
 - o to coordinate RIMS & NLES activities with the Site Manager.



PROFILE

Very good working knowledge of:

- GNSS, SBAS and EGNOS systems in particular,
- radio frequency technologies,
- signal processing applied to GNSS (interference, multipath),
- field measurement tools (theodolite, tacheometers).

Good practical knowledge:

- space or aeronautical systems operations in general.

You are able to have:

- Strong autonomy;
- Capacity to assume responsibilities;
- Shows initiative;
- Able to synthesize;
- High English Level (B2-C1) – CECRL.

The knowledge of the following tools would be considered an advantage:

- RIMS data performance monitoring tools (Monalysa).

Job Requirements:

Available for regular travels, especially in Europe.

Subject to minimum attendance requirements during the usual vacation periods (July/August, Christmas, February, Easter) and likely to be subject to occasional on-call duty (weekends and/or nights) according to the ESSP scheme in force.

Engineering degree or equivalent.

At least 5 years of experience in international (European) projects and in the space or aeronautical field.

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

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