



## JOB OFFER

Created in 2009, **ESSP** is a young and dynamic company, a **pan European service provider**, certified by EASA (the European Union Aviation Safety Agency) to deliver safety-critical services. Our mission is to operate and provide **Communication, Navigation and Surveillance (CNS)** services, among which, the main one is, the **EGNOS service** (the European Geostationary Navigation Overlay Service), on behalf of the EUSPA (the European Agency for Space).

**ESSP Corporate Video:** [https://www.youtube.com/watch?v=u\\_FKtcaN8YE](https://www.youtube.com/watch?v=u_FKtcaN8YE)

**ESSP Website career:** <https://www.essp-sas.eu/human-resources/careers/>

In ESSP we are looking for an:

## EGNOS GROUND STATIONS ENGINEER (RIMS & NLES) - (F/M)

We are looking for a **EGNOS Ground Stations Engineer** who will be in charge of technical expertise activities related to the **RIMS** (Ranging and Integrity Monitoring Station) and **NLES** (Navigation Land Earth Stations) subsystems within ESSP. For these activities, we are looking for someone with at least **5 years' experience in Space or Aeronautical domain**, with a **very good level of English** (minimum B2).

### Your main responsibilities/activities will be:

- Part of the maintenance activities to be carried out on RIMS and NLES EGNOS V2 (EV2) and EGNOS V3 (EV3) sites: replacement of equipment, cables, Radio Frequency (RF) measurements, GNSS measurements, masking measurements around GNSS antennas, moving or dismantling equipment...
- Part of the deployment of next generations of RIMS and NLES EV2 and EV3 on existing or new sites, by being a technical referent of the activity: writing technical notes, installation of equipment on site (ex.: during the move of certain RIMS stations or the installation of new RIMS EV2 and EV3 designs),
- Part of the operation of the various RIMS and NLES test platforms available at ESSP (Assembly, Integration and Verification Platform).

### Participate in the:

- Detection and analysis of failure and/or abnormal events on RIMS & NLES EV2 and EV3 subsystems,
- Synthesis of RIMS & NLES EV2 and EV3 events (for internal and customer reporting),
- Instruction and analysis of the observation reports raised on RIMS & NLES EV2 and EV3 subsystems and follow-up of their correction/qualification, in accordance with the anomaly management process, including exchanges with the industry in charge of maintenance, as well as with the client if necessary,
- Analysis of RIMS & NLES EV2 and EV3 data quality (including contingency requirements with experts),
- Support to the Operations team:
  - o For writing or technical maintenance of RIMS & NLES EV2 and EV3 operational and maintenance procedures (analysis of update needs, realization and validation of updates),
  - o Initial on-site training for new RIMS & NLES EV2 and EV3 sites called « Hosting Entities »,
  - o Technical validation of training materials for RIMS & NLES EV2 and EV3 « Hosting Entities »,
  - o Coordinate RIMS & NLES EV2 and EV3 activities with the Site Team Manager,
  - o Planning EGNOS Operations in relation to the various RIMS & NLES EV2 and EV3 sub-systems.



#### PROFILE:

- Very good technical knowledge of **GNSS, SBAS and EGNOS systems** in particular
- Good knowledge of space and aeronautical systems operations in general
- Very good knowledge of **radio frequency** technologies
- Very good knowledge of **signal processing applied to GNSS** (interference, multipath)
- Very good knowledge of field **measurement tools** (theodolite, spectrum analyzer)
- Desired knowledge of RIMS and NLES data performance monitoring tools: Monalisa, RIMS Tool, or equivalent.
- Strong autonomy
- Ability to assume responsibilities
- Initiative spirit
- Synthesis skills
- Very good level of English (B2-C1) – CEFR

#### JOB SPECIFICATIONS:

Engineering degree in Space Engineering or equivalent

Available for **regular travels** mainly in Europe

Subject to constraints of minimum presence during normal vacation periods (July/August, Christmas, February, Easter).

Subject to on-call duty during weekends and bank holidays (nights not concerned)

#### HUMAN RESOURCES

##### Recruitment process:

- **1<sup>st</sup> interview** is held by the direct manager of the position you applied for (technical interview)
- **2<sup>nd</sup> interview** is held by HR Unit

##### Remuneration package:

- **Variables:** bonuses based on objectives
- Profit-sharing
- **Teleworking:** up to 2 days/week
- **Tickets Restaurant (card)**
- **Family Health Insurance**
- **Sustainable Mobility Package:** Home/Office travels reimbursement if car sharing or bicycling
- Reimbursement of **75% of public transport** subscription

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