



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=ZkszX-ptzAY>

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:

CNS SERVICE ENGINEER - (F/M)

If you have **3 years** of experience in **aeronautical communications, with special focus in data link (DLS) and/or satellite technologies (SATCOM/Iris ESA Program)**, then this position is for you!

By joining us, you will support ESSP **technical activities** focused on Service Provision in the on-going projects (i.e.: **Satellite Communications/Iris**) and activities linked to CNS (**Communication Navigation Surveillance**) Services.

Your main responsibilities/activities will be:

- Technical support in different activities and deliveries related to CNS Services projects (e.g. data link communications), mainly to:
 - o Contribution to technical architecture definition;
 - o Contribution to service modelling and concept of operations characterization based on applicable regulatory framework and standards;
 - o Contribution to technical studies and assessments of different technologies (SATCOM/Iris European Space Agency programme, VHF DataLink Mode 2 (VDLM2)), state of the art for CNS;
 - o Service provision requirements definition;
 - o Contribution to service validation test campaign.
- Participation in technical meetings related to CNS projects;
- Participation/Contribution to international fora related to CNS (i.e: Eurocontrol, SESAR, etc.);
- Contribution to reporting for CNS projects highlighting the current status of activities, next steps, issues/risks identified;
- Technical contribution in the preparation of potential tenders related to CNS areas in line with ESSP business strategy.

PROFILE:

- Relevant knowledge in CNS/ATM technologies, especially focused on datalink technologies (ACARS: Aircraft Communication Addressing and Reporting System, VDL Mode 2, SatCom, Aeronautical Telecommunication Network such as ATN/OSI, ATN IPS)
- Good understanding of European regulation (such as, but not limited to, Single European Sky regulatory framework and European Union Aviation Safety Agency (EASA) regulation) as well as applicable standards (ICAO, EUROCAE, RTCA, ARINC...)
- Good understanding of datalink communication services supporting ACARS-based applications, ATN-B1, ATS-B2 & ATS-B3
- Good capacity of analysis, synthesis and reporting
- Team player spirit
- Good Level of English (B1-B2) - CEFRL



- Spanish (desirable)
- Ability to assume responsibilities
- Proactiveness/initiative

Other preferable skills:

- Understanding of satellite-based controller/pilot datalink supporting air traffic management communications
- Good understanding of ICAO Aviation System Block Upgrade and Global Air Navigation Plan
- Knowledge of datalink avionics
- Deep understanding of datalink communication services supporting ACARS-based applications, ATN-B1, ATS-B2 & ATS-B3

JOB REQUIREMENTS:

Language: English (B2 – C1) – CEFR and Spanish (desirable)

Engineering degree or equivalent

Minimum 6 years of experience in aeronautical communications, with especial focus in data link (DLS) services and applications, and/or satellite technologies (SATCOM/IRIS ESA Program).

Experience in international and multi-stakeholder projects

Available for regular travels mainly in Europe

Human Resources information:

- 1st interview is held by **the direct manager** of the position you applied for (technical interview)
- 2nd interview is held by **HR department**

Element of package of remuneration:

- **Variable:** bonuses based on objectives
- **Teleworking:** up to 3 days/week
- **Health insurance, Life Insurance**
- **Saving plan**
- **Tickets Restaurant**
- **Sustainable Mobility Package:** Home/Office travels reimbursement if car sharing or bicycling
- **29 holidays** (for full time year)

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

Job Location: Madrid (Spain)

Type of Contract: Full time / Permanent

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