



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

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

ESSP recruits a:

CNS SERVICE EVOLUTION ENGINEER - (F/M)

We are looking for a **CNS Service Evolution Engineer** who will provides support and coordinate technical activities focused on Service Provision in the on-going projects/contracts (i.e., Satellite Communications/Iris, aeronautical Data-link Service Provision) and activities linked to CNS (Communication Navigation Surveillance) Services.

We are looking for an Engineer with **3 years of experience** in **aeronautical communications**, with special focus in **data link (DLS)** services and applications, and/or **satellite technologies (SATCOM/Iris)**. If you think you meet the requirement, this position might be for you!

Your main responsibilities/activities will be:

- Support to project management activities in satellite communication (Iris program),
- Technical coordination in activities and deliveries on CNS Services (e.g. data link communications) to:
 - o Provison of Iris (SATCOM) service, **delivering as planned and participating in customer and supplier meetings;**
 - o **Technical architecture evolution;**
 - o Evolution of **service modelling and concept of operations characterization** based on applicable regulatory framework and standards;
 - o Lead on **technical studies and assessments of different technologies**, state of the art for CNS;
 - o **Service provision requirements definition, evolution** and monitoring towards main suppliers;
 - o Lead some **service validation test cases** during test campain;
 - o **Participation in Iris board**, review performance reports, priovision of technical advisory support to incident and problem resolution.
- **Management of technical meetings related to CNS projects;**
- Participation to international fora related to CNS (e.g., Eurocontrol, SESAR), gathering customer needs and/or providing guidances in the corresponding field;
- **Report on CNS projects** highlighting the current status of activities, next steps, issues/risks identified;
- **Technical support in the identification and preparation of potential tenders related to CNS areas** in line with ESSP business strategy.

**PROFILE:**

- Relevant knowledge in Communication Navigation Surveillance (CNS) /Air Traffic Management (ATM) technologies, especially focused on datalink technologies (Aircraft Communication Addressing and Reporting System (ACARS), VDL Mode 2, SATCOM-Iris, Aeronautical Telecommunication Network such as ATN/OSI and ATN IPS).
- Good understanding of European regulation (such as, but not limited to, Single European Sky regulatory framework and EASA regulation) as well as applicable standards (ICAO, EUROCAE, RTCA, ARINC...).
- Good understanding of datalink communication services supporting ACARS-based applications, ATN-B1, ATN-B2 & ATN-B3.
- Good capacity of analysis, synthesis and reporting
- Team player spirit
- 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.
- Background in key relevant CNS fora (Eurocontrol, Eurocae, SESAR, others.).

JOB REQUIREMENTS:

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

Engineering degree or equivalent

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), **30 days** after 2 years of service

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.