



## JOB OFFER

ESSP, a private company with 7 major European Air Navigation Service Providers as shareholders, manages the operation and supports the adoption of EGNOS, the European satellite based augmenting GPS: (and Galileo in a near future).

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

The adoption of this service in aeronautical market is rapidly growing given it allows correcting the GPS signal and offers enhanced features with accurate positioning and integrity within safety-of-life services making a key element in performance based navigation (PBN) scheme.

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

ESSP recruits an:

### **Data Service Expert - (F/M)**

**Responsible for the EDAS (EGNOS Data Access Service) services provision including the daily operation and maintenance and the evolution of the EDAS system and services.**

#### **What is EDAS?**

EDAS is one of the three services provided by EGNOS, the Europe's regional satellite-based augmentation system (SBAS).. EDAS is the single point of access for the data collected and generated by the EGNOS ground infrastructure - mainly Ranging and Integrity Monitoring Stations (RIMS) and Navigation Land Earth Stations (NLES) - distributed over Europe and North Africa.

Geared towards users requiring enhanced performance for professional use, EDAS provides these with the same data that is broadcast by the EGNOS satellites in real-time through Internet. In this way, EDAS delivers data to users who cannot always view the EGNOS GEO satellites (such as those in urban canyons) or to support a variety of other value added services, applications and research programmes

Find out more about **EDAS:** [https://egnos-user-support.essp-sas.eu/new\\_egnos\\_ops/services/about-edas](https://egnos-user-support.essp-sas.eu/new_egnos_ops/services/about-edas)

The **Data Service Expert** is responsible for EDAS services management:

- Operation and maintenance of EDAS
- Evolution of the EDAS system and services
- Maintenance of EDAS operational baseline
- Management and supervision of EDAS subcontractors
- EDAS system and services performance monitoring and reporting
- EDAS service engineering:
  - o Supporting to the Second Level maintenance
  - o Management and analysis of non-conformities.
  - o Contribution to the EDAS service evolution plan managed by the GSA
- Monitor the implementation status of EDAS based services and applications
- Support to promotion activities related to the EDAS service
- Support to EDAS-related questions arrived to the EGNOS Helpdesk
- Design, development, maintenance and evolution of the required software tools to support the abovementioned activities (e.g. services monitoring and troubleshooting, adoption activities) as needed.



Provision of inputs to the corresponding EDAS-related baseline documentation (e.g. EDAS Service Definition Document, EDAS Service Implementation Roadmap, Monthly Performance Reports...)

Similarly for Service Data Access Facility (EDAS v3) and other data services that may be provided by ESSP in the future.

## PROFILE

### Generic Skills:

- Good communication and negotiation skills
- Strong autonomy
- User and customer oriented
- Ability to assume responsibilities
- Shows initiative and is able to synthesize
- Team player spirit
- High level of English (B1-B2) – CECRL

### Specific Skills:

- Knowledge of GNSS data streaming (formats/protocols) services/applications and experience in customer interfaces
- A sound knowledge in services operation and maintenance including system engineering skills
- Experience in software development activities and methodologies
- Experience with real-time Linux systems
- Deep knowledge of the EGNOS Services and in particular EDAS
- Good knowledge of Differential GNSS/RTK (Real Time Kinematic) services and positioning techniques

### Job Requirements:

Available for regular travels, especially in Europe.

Experience of at least 5 years in space or aeronautical domains and at least 3 years in data services and complex systems.

Engineering degree or equivalent.

Experience in projects in an international context (European).

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

**Job Location:** Torrejón de Ardoz, Madrid (Spain)

**Type of Contract:** Full time/ Permanent contract

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