



## 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:

## NETWORK EVOLUTIONS EXPERT - (F/M)

By joining us, you will be in charge of **EWAN (EGNOS Wide Area Network) technical expertise and its evolutions**. If you have at least **5 years of experience in the management of a Wide Area Network** with a good level of English, then this position is for you!

**Your main responsibilities will be:**

**Managing network evolutions projects (obsolescence resolution, security improvement, support to Industry...):**

- Ensure the project management from its definition until its implementation;
- Interact with teams to define the local support required;
- Coordinate the project with the different teams impacted by the network modification
- Produce the "Design Definition and Validation Plan" associated to the network modification; schedule and lead all the "Key-Points" meetings of the project;
- Define the Statement of Work to the Industry (participation to the Key-Points, review of technical documentation...);
- Ensure the on-site missions when required.

**Support Evolutions team:**

- Specify new needs that could be included in future EGNOS releases;
- Ensure the new releases follow-up and support the definition of deployment plans;
- Execute the deployment plan when an expert intervention is required.

**The performance and anomalies analysis related to the network subsystem:**

- Detect and analyse, on a daily basis abnormal events (ex: network interruptions) on the EWAN subsystems and provide the associated support, within the Engineering team;
- Participate to the weekly meetings where incidents are discussed with the Telecom provider;
- Provide support for the follow-up of the KPI required; participate to monthly meeting with the Telecom provider;
- Analyse the anomalies detected on the EWAN subsystem or on other subsystems where network issues are suspected; follow-up their correction in line with the Anomaly process.

**Support Operations:**

- Support the Operations team for the scheduling of network maintenances; participate to the weekly JOS ("Joint Operations Schedule") reviews. Interface with the Telecom provider to ensure the proper implementation of the decisions taken;
- Support the Operations team for the maintenance of EWAN operational procedures (updates analysis, execution and validations of updates);



- Provide guidance to the MCC (Mission Control Centre) Operators and the Hosting Entities in case of problems when executing operational procedures.

**Maintain the tools used for the daily analysis of EWAN performances:**

- Raise the anomalies observed on the tools used for the daily performance analysis;
- Propose evolutions in view of improving the EWAN performance analysis follow-up.

You will be a referent for Network expertise. You will coordinate within the Network team tasks on certain files or technical notes and may have to replace the Network Manager in his/her absence.

**PROFILE**

**The following skills will be assessed in your application:**

- Rigour
- Strong autonomy
- Initiative and synthesis spirit
- Technical leadership and capability to assume responsibilities
- Team player spirit
- Skills in Microsoft software suites (MSOffice, MSProject, etc.)
- High English level (B2) – CEFR

**Technical expertise:**

- General knowledge of each layer of the OSI model (Open Systems Interconnection)
- Good knowledge of the following protocols : Ethernet, MPLS, SDH, TCP, UDP, SNMP, FTP
- Good knowledge of satellite communications systems
- Knowledge of Switch/Routers/Firewalls Cisco CLI environment (Command Line Interface)
- Programming languages: Python, Shell
- Network tools : Wireshark, HP OpenView
- Grafana and InfluxDB knowledge would be appreciated
- Animation and coordination activities of other team members,

**Job Requirements:**

Available for punctual travels mainly in Europe

Subject to constraints of minimum presence during normal vacation periods (July/August, Christmas, February, Easter) and to on-call duty during weekends and bank holidays

Telecom Engineering or equivalent

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.**