



Integrator engineer embedded system

SYNTONY

Syntony is a young international company deploying its satellite tracking systems worldwide, leading on its field. We offer high-tech products designed and developed by GNSS experts passionate about their trade, for more than 10 years.

They chose us: Stockholm Metro and New York City transit, LTA (Singapore), Munich Metro, Airbus, OneWeb, Airbus SAFRAN launchers, Thales Alenia Space, Honeywell among others.

In order to expand our international outreach, we recruit talented people with a strong appetite for technical surpassing, international travel and interculturality.

MISSION

You are integrating the geo-localization product integration team under the responsibility of the Project Manager. You are in charge of product integration across all domains (electronics/informatics/RF) with an optimization objective, performance and customer satisfaction. You develop a global vision of the system and contribute to the process of improvement.

Your missions will be:

- To collect and formalize all the requirements of the system with the different stakeholders.
- Establish a System architecture
- Adapt, if necessary, interfaces of the subsystems
- Integrate on-premise subsystems, hardware and software
- Develop test plans and operational system validation scenarios
- V check on the integration bench and then in the laboratory the operation of the System
- Participate in on-premise installation, and Setup
- Conduct analyses for system calibration (propagation balance, signal-to-noise level) according to the first acquisitions carried out
- Drafting of technical performance and validation reports
- Validate features and performance in real-world environments
- Participate in deployment of new features depending on the case
- Contribute to the definition of changes in the product plan

This is a key position with a possibility of moving towards a position of Project Manager.



Skills required

Embedded system design and architecture

Electronics: understanding of electronic and embedded systems, and RF

Signal processing

Analysis tool: Spectrum Analyzer

Software development,

Mastery of the C language,

Development environment: GCC, Qt,

Would be a plus

Operating system: Linux, Android, Windows

Proficiency in English and good editorial skills English/French

Organizational sense, respect for deadlines, customer interface, rigor, autonomy

Training/experience

Diploma in electronics/computer engineering/RF

3 years experience in electronics/signal processing and/or software development, with integration, testing and/or deployment phases

HW/SW system integration experience implementing radio frequencies

Analysis experience in signal processing, link balance

Position specificity: CDI, full-time, **based in Paris**. Many movements worldwide.