



Electronics Development Engineer M/F

Introduction

Recognized worldwide, Syntony GNSS is a Toulouse-based company with the FrenchTech label, focusing on technological innovation in the GNSS field.

Specialized in radionavigation and embedded systems, we are world leaders in our field.

Our simulators, receivers and indoor/outdoor location systems answer to the growing needs of the aeronautics and space industries, as well as those of the public transport sector, railways and mining or even the IoT field.

With a portfolio of prestigious customers (Airbus, OneWeb, Airbus Safran Launchers, Thales Alenia Space, Honeywell, Rockwell, the Stockholm, New York and Toronto subways, and many others), we are constantly innovating our solutions to anticipate their future needs, strengthen our leadership, and conquer new markets.

The heart of our activity is articulated around 3 fundamental pillars:

- Innovation: by conceiving tomorrow's products and tools that are matching with our customers' real needs
- Dynamism: focus on our strengths and talents to deliver high quality products and solutions
- Open-mindedness: we maintain a respectful relationship with our customers, partners, and employees, and promote Humanism and the richness of multiculturalism.

Context of the mission

SYNTONY develops GNSS positioning products and location solutions for confined environments.

We keep on innovating:

- Softspot: Innovative SDR multi-frequency GNSS receiver for applications requiring top-level performance in terms of accuracy, resilience to interferences and spoofing.
- Constellator: High-performance GNSS environment simulator to meet the challenges of New Space and emerging applications in transportation and autonomous vehicles.
- SubWAVE: Underground GPS coverage extension system, patented, unique in the world, aimed for public transportation, rail and mining sectors.

We're hiring new talents!

You have strong skills in electronic and FR board development, you are passionate about cutting-edge technologies and technical challenges?

Then apply to this position!

Goals

As part of our Hardware Service team, you will be responsible for:

- Electronic circuit analyses including RF processing: design, simulation, EMC recommendations, routing, bill of materials, design review
- Draft specifications and selecting subcontractors
- Monitoring the realization of subcontracted prototypes
- Product validation: risk analysis, definition of qualification plan, validation and qualification tests
- Identify non-conformities and provide solutions (new functionalities, new operating modes, etc.)
- Monitoring production and component obsolescence

Experience

Graduate with master or doctoral's degree, you have several years' experience in developing projects/products involving digital electronic boards and radio frequency.

Passionate about design, you have a good knowledge of new technologies.

Technical skills

- You have at least 5 years' experience in a similar position
- Development of electronic boards including RF transmission and reception functions
- Version control: Git
- Methodology: quality repository: ISO 9001
- Excellent analytical skills and good command of testing and simulation tools
- Good audit management, in verification and validation process
- Fluent English

Soft skills

- With a strong appetite for the technological challenges, you know how to share your passion
- You can argue and convince in a common goal: the customer's satisfaction and the success of the product
- Good listening and open-mindedness characterize you