Embedded Software Development Engineer

Permanent position based in Toulouse

Recognized worldwide, Syntony GNSS is a Toulouse-based brand, labeled FrenchTech, focused on technological innovation in the field of GNSS.

Our goal? Pushing the limits!

Specialising in radio navigation and embedded systems, we are the world leaders in our field and present in many high-growth markets.

We have developed a range of products (simulators, receivers and indoor/outdoor location systems) that meet the growing needs of the aeronautics and space industries, but also those of public transport, rail and mining or the rise of IoT (Internet Of Things).

Our esteemed customer base, made up of industry giants (such as Airbus, OneWeb, Airbus Safran Launchers, Thales Alenia Space, Honeywell, Rockwell, Stockholm, New York, Toronto and many others...), testifies to our relentless pursuit of excellence and innovation. Our solutions constantly evolve to anticipate their future needs but also to strengthen our leadership and meet new challenges.

Thus, Syntony GNSS vibrates around three fundamental values:

- **Innovation as a guide**, to design the products and tools of tomorrow, in line with the real and evolving needs of our customers
- **The dynamism of our teams**, to adapt our strengths and talent to the quality of our solutions
- **Open-mindedness and inclusion**, to remain attentive to our customers, partners and collaborators, to promote Humanism, equality and the richness of multiculturalism.

From students to qualifié.es professionals, help shape the future of boating with us. Work with experts, in a caring environment where your ideas can fly and your contributions fuel the company's synergy.

In an international dimension, you participate in today's and tomorrow's challenges.

The Context

Simulation products and GNSS receivers are experiencing an acceleration in their development. Syntony GNSS recently partnered with a leading manufacturer of RF test solutions, Keysight Technologies. The European Space Agency (ESA) has selected Syntony to provide user demonstration receivers for the LEO-PNT project As a member of the consortium led by Thales Alenia Space, Syntony will play a key role in advancing global navigation technologies

Syntony GNSS is looking for Embedded Software Development Engineers in this context and to strengthen its teams.

What you'll accomplish with Syntony GNSS

You will join the software development department for the receiver product range to develop innovative applications for the rail, space, or aeronautics sector requiring high-level performance for demanding environments.

The missions that will be entrusted to you

- you participate in the drafting of system and software specifications and all phases of development of the receiver or simulator;
- in partnership with system experts and hardware experts, you define the most efficient software implementation;
- you participate in the integration of the developments of the function into the system and then on the hardware platform;
- You will respect the various development and quality assurance processes.

The technical skills we are looking for

- C/C++ coding in an embedded context;
- Knowledge of development environments such as ClearCase, Gitlab, VectorCAST, or Rational Test
- knowledge of the following operating systems: Linux, RTOS, PikeOs or bare metal development;
- Experience in the field of GNSS is a plus.

About you

With a bac+5 degree in embedded systems, electronics, or computer science, you have a strong appetite for technological challenges and have a minimum of 3 years experience in developing embedded software. You want to work in an international environment and have a good command of English. Your open-mindedness, your taste for teamwork, and your creativity will be the assets necessary for the success of your missions.

You want to move towards technical expertise by developing your skills in a demanding context of operational safety.

Do you recognize yourself in this description? Apply and join a company that promotes innovation in the development of its unique products to design the products of tomorrow, dynamism, and open-mindedness in listening to and respecting its customers and employees.