Embedded Firmware Engineers

Region: Belgium & Luxembourg – **Work regime**: full-time – **Location**: Wandre (BE) & Troisvierges (LU)

Join us in the energy transition

Innovating for energy conversion since 1934, CE+T has achieved worldwide recognition in its field by supplying the world's top modular power converter solutions with the most compact and efficient technologies. Our field of expertise is in energy storage, smart grid, critical backup power solutions. If you are passionate, fighting, cause-driven, you can make this quest yours.

Send us your application today. Because every day counts in the energy transition, critical application backup, smart grid and renewable, make a move that will make a difference. There are several positions open in Belgium and Luxemburg

The Mission

We are looking for Firmware Engineers with a minimum of 5 years' experience or equivalent competence. You will join the R&D team and will be focused on embedded firmware development for energy power converter. Your expertise is in embedded firmware, for the control, the regulation of new power converter topologies. Typical example is to connect PV panel or lithium batteries to power system and develop the software algorithm for the control and regulation of each sources in the power converter to provide pure sine AC output.

What you bring in

Your focus is located in the conception, design and implementation of algorithm for the control of the power electronics converter AC/DC and DC/AC low voltage up to 600 Vdc / 600 Vac (Rectifier, Inverter, DC/DC converter, PV MPPT algorithm).

Dynamic and motivated, you will take part in different tasks within the team:

- Proposal of technical architectures answering the needs
- Simulation and firmware development in C programing language of the control for power modules

Your profile

- Master or engineering degree (or equivalent) in electronics, physics, electromechanical or relevant field
- Professional knowledge in embedded development (experience of several years is a must)
- Very good knowledge of simulation tools, software tools for DSP, processor and HW to drive electronic and power electronics components MOS, IGBT, SIC, GAN, Magnetics.
- Knowledge of C programming language for processor and DSP
- Excellent level in French or English (read/written/spoken)
- Experience in hardware architecture is an asset
- Interest in and knowledge of high-level technologies

What CE+T Power offers

- Working with a leader of the market
- Passion and progress
- Autonomy and continuous innovation
- Learning for your and our success

Is this opportunity matching with your profile?

Please send your cover letter and resume to Paul Bleus (p.bleus@cet-power.com)