

**Job Title:** Chief Technology Officer (CTO)

**Reports To:** CEO

**Location:** Liège (Belgium)

**Employment Type:** Full Time

[www.ampacimon.com](http://www.ampacimon.com)

**Summary:**

The Chief Technology Officer (CTO) is primarily responsible for defining and executing the technology and product design road-map of the company.

Leading a team of hardware and software engineers (currently 7 headcounts), he/she will make major technology choices, define design R&D best practices and tools, drive the R&D and product design execution projects in order to ensure the timely launch of innovations contributing to Ampacimon's future growth.

As a key member of Ampacimon's leadership team, he/she will contribute at a strategic level to Ampacimon's growth strategy and team development.

**Company Background:**

Founded in 2010 as a spin-off of the Liège University, Ampacimon is a global leader in grid monitoring solutions that utilize its patented sensors and software to empower grid operators to accurately and safely leverage the real capacity of T&D assets. Ampacimon's mission "Smart solutions for a Dynamic grid", is to help grid operators unlock economic and operational value from their existing infrastructure by applying a range of technology products and services that safely maximize their capacity. Ampacimon's products address grid infrastructure challenges such as aging assets, transmissions congestion, renewable integration, interconnections. Ampacimon's ADR (Ampacimon Dynamic Rating) solution is a proven alternative to new infrastructure investment adding value to the following players: transmission owners, grid operators, independent power producers, vertically integrated utilities, Renewable Generators, and state-level regulators. Ampacimon's ADR solution has been deployed worldwide with 300+ grid monitoring sensors & software on power transmission lines on all continents. Ampacimon owns a rich IP portfolio covering hardware electronics, physics and software innovation. Its sensors are typical "IoT" devices that measure grids assets physical values to turn them into meaningful information via Ampacimon-developed software.

Growing steadily at double-digit rate, Ampacimon has secured the financial means to further accelerate its development, both commercially and technologically. It recently opened a

North American subsidiary and is growing in Asia. Ampacimon was nominated two years in a row in the Deloitte Fast 50 Belgium (fastest growing tech companies).

With an ambitious R&D pipeline to execute (which could include partnerships or acquisitions), Ampacimon wants to strengthen its technology team, both tactically and strategically and therefore recruits a CTO reporting to the CEO.

**Primary Responsibilities:**

- Define a technology road-map for Ampacimon, by identifying key technology components Ampacimon must master
- Jointly with the CEO and the commercial team, define an R&D road-map ensuring that Ampacimon remains at the forefront of the industry
- Set-up design best practices and design tools (hardware and software) to ensure fast, flexible and high quality R&D execution
- Makes technology and design choices ensuring best in class products with optimal value and quality delivered to customers
- Drive R&D project management execution to ensure quality and timely delivery of new products
- Be “hands on” and take ownership of specific R&D tasks him/herself in hardware electronics
- Manage Ampacimon’s IP portfolio by proposing and implementing a patents strategy suiting the business needs
- Regularly monitor Ampacimon’s technology ecosystem by staying abreast of technology developments in our space, including when appropriate by conducting technical due-diligence of potential acquisition targets
- Lead the R&D and technology team to ensure that Ampacimon is always positioned to execute its R&D road-map with the best team on board. Identify skill gaps, put together development plans to address them, and drive external recruitments to bring new competencies when/as required.

**Qualifications Required:**

- MSc or PhD in Electrical/Electronics Engineering
- 10-20 Years experience in electronics product development, including executing multiple products development road maps and ideally managing an IP portfolio
- Proven experience of using state of the art R&D best practices (lean development methods)
- Proven experience of “design to manufacture” practices in electronics products, and to bring new designs all the way to manufacturing, field tests and market launch
- Significant and proven experience of “hands-on” hardware developments of small/medium series B2B electronics products, for industrial applications, including communications (GSM, Lora... IoT protocols), independent power supplies, and low-level embedded software

- Experience in application software (Java, C++, data bases), and embedded software development ideally including experience in industry protocols (Modbus, IEC 104, 61850 etc...)
- Significant experience of leading and developing an R&D team (5-15 people) including multiple technology experts (HW, SW, Physics)
- Ability to work autonomously in a small team environment, willingness and eagerness to join an entrepreneurial start-up
- Entrepreneurial spirit, international exposure is a plus
- Fluent English, French a plus

### **Why work for Ampacimon?**

An innovative, fast growing tech company at the forefront of the current energy revolution

A company offering smart solutions to the on-going environmental and energy challenges, enabling utilities to “do more with less”

Uniquely positioned to capture a large share of the IoT and “smart devices” trends currently revolutionizing the T&D industry

Rich IP portfolio enabling the Company to continue to launch innovative products and solutions

Committed shareholders (including 2 European utilities), providing the means to grow and invest over the long term

International culture, open-minded culture, offering good candidates room to express their potential

Light, agile organization, able to adapt to a fast changing world