



System Expert – Electronics & Embedded Systems

Location : Louvain-la-Neuve, Belgium

Are you ready to take your career to the next level?

Do you thrive in environments that challenge and inspire you?

Would you like to grow within a team that values both excellence and enjoyment at work?

ABOUT ELMEA CONSULTING

Elmea Consulting, a brand of Taleo Consulting, is a life sciences consulting firm supporting healthcare companies from development to distribution.

DEVELOPMENT

From proof-of-concept to licensing, we guide our clients through each stage of development, ensuring efficient, science-driven, and regulatory-compliant pathways.

PRODUCTION

We help healthcare organizations accelerate market access while maintaining the highest standards of quality, safety, and regulatory compliance.

What Will You Do?

At **Elmea Consulting**, we believe that advancing healthcare starts with **investing in people**. When our consultants grow, feel empowered, and are supported, they can make a real impact for our clients and, ultimately, for patients.

Our teams are made up of curious, committed, and passionate professionals who thrive in a collaborative environment. By developing their expertise and careers, they actively contribute to the success of healthcare and life sciences organizations at every stage of innovation.

Our success is built on the **talent, collaboration, and commitment** of our people and we're now looking for a **System Expert** to join our journey.

Mission

As a System Expert, you will leverage cutting-edge electronics, embedded systems, and engineering innovation to develop solutions that make a real-world impact, whether in healthcare or high-performance industrial environments. You will play a key role in the development of complex electronic systems across multiple projects.



Challenges we trust you with

- Translate system requirements into electronics specifications and architectures.
- Collaborate with cross-functional teams (systems, mechanics, software, quality, manufacturing).
- Provide technical leadership across electronics, firmware, and embedded software domains.
- Design, develop, verify, and maintain electronics solutions for medical and industrial systems.
- Lead design reviews and ensure compliance with internal processes and quality standards.
- Drive progress in coordination with Project Managers and multidisciplinary teams.
- Troubleshoot complex issues, perform root cause analysis, and implement corrective actions.
- Support validation, integration, and testing activities (unit testing, EMC, lab validation).
- Mentor junior engineers and foster a culture of knowledge sharing and continuous improvement.

You have:

- Master's degree in Electronics, Software, Communications Engineering, or equivalent.
- 10–15 years of experience in electronics development, embedded systems, or firmware.
- Strong expertise in at least one domain (electronics, FPGA, embedded software) with broad system understanding.
- Experience with SoC architectures (AMD Xilinx, Intel Altera), FPGA, DSP, ARM.
- Hands-on experience with tools such as Altium, Vivado, Quartus, Git, Polarion, Teamcenter.
- Proven experience in high-speed PCB design, simulations, and EMC compliance.
- Knowledge of functional safety standards (IEC62304, ISO26262, DO-178/254) is a plus.
- Fluent in English (French is a plus).

And you also are:

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- Strong analytical and problem-solving mindset.
 - Natural technical leader, comfortable driving design reviews.
 - Collaborative, working closely with multidisciplinary teams.
 - Committed to mentoring and knowledge sharing.

Our Vision at Elmea Consulting

We aim to build a leading healthcare and life sciences consulting firm driven by expertise, collaboration, and impact. By attracting top talent and fostering the right environment, we empower our teams to grow and deliver meaningful value to healthcare innovation.

Why Join Elmea Consulting?

Joining **Elmea Consulting**, a brand of **Taleo Consulting**, means becoming part of an international and dynamic team. We offer real career growth, continuous learning, and the opportunity to work on high-impact healthcare projects.

If you're ready to grow with a firm that values excellence and collaboration, **send us your CV.**