



Senior Avionics Software Engineer

January 2020

About Elix Systems SA

Elix Systems was created in 2020 by an experienced engineering team who shared a passion for autonomous flying vehicles. The seasoned engineering team leverages their solid background in video processing, security and human machine interface to develop electronics systems for highly demanding industries such as avionics and medical.

Elix Systems is an international company operating mainly in Europe. Customers are in Switzerland and western Europe. The key customer facing functions are based in Lausanne, Switzerland: this includes sales, program management, architecture and senior engineers. Elix Systems relies on scaling partners to ramp-up rapidly new projects, in particular with our affiliate and partners in Serbia.

In order to support its growth in the avionics sector, Elix Systems wishes to strengthen its software team in Lausanne with a senior profile.

Your Mission and Responsibilities

Lead and implement Avionics Software within Elix Systems SA through the lifetime of projects:

- Participate to project definition and define software requirements
- Collaborate with customer and colleagues to propose technical solutions and scope (cost, delivery timeline)
- Drive architecture and implementation of Avionics projects
- Projects have varying sizes; in some instances, you will develop the code, and, in some instances, you work with sub-contractors and colleagues
- Ensure the software developed meet the highest DO178C standards
- Participate to the selection, qualification and development of qualitative sub-contractors
- Maintain planning and project reporting, including customer reports

This position is based in Lausanne, Switzerland, with some travel at customers/suppliers

This position is open at 100%, 80% is negotiable

Your profile

- Full stack embedded developer capable of providing end to end demonstrators
- Embedded firmware and driver development expertise
- Proficiency in designing, developing, and testing C and C++ code in a Linux environment
- Curious and self-learned, open to new challenges in a wide variety of different environments and projects
- Master's degree Engineer or equivalent in software engineering
- At least 10 years of software development, including people and/or project management
- Experience in Avionics and DO178, experience in ISO9100 is a plus
- Technical leadership attitude and customer focus
- Team player, you enjoy working in small team and in a dynamic environment
- You can work in international and multi-cultural environment
- Fluent in English, Serbian is a plus