



Senior Electronics Engineer

Date: December 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 engineering. Elix Systems relies on scaling partners to ramp-up on projects, in particular with scaling engineering partners in Serbia. In order to support its growth, Elix Systems is willing to strengthen its electronics team in Lausanne with a senior profile.

Your Mission and Responsibilities

Lead Electronics & implement projects from pre-sales phase to completion

- Participate to project definition, work with customer and colleagues to propose technical solutions and scope them (cost, delivery timeline)
- Specify electronic board using state of the art, select circuits
- Drive, design & implementation of electronic boards; allocate local and remotely located resources on required tasks, manage and coordinates sub-contractors and suppliers
- Maintain planning and technical project reporting

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

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

Your profile

- Master degree Engineer or equivalent in hardware engineering / electronics
- At least 10 years of electronics design practice, in high-speed digital and analog designs
- Technical leadership attitude
- Team player, you enjoy working in small team and in a dynamic environment
- You can work in international and multi-cultural environment
- Fluent in French & English, Serbian a plus
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Your Skills

- Excellent experience with PCB design and layout with Cadence or Mentor toolchains
- Experience designing to tight power, heat dissipation, reliability, and cost requirements
- Detailed knowledge of aircraft vehicles network architectures and protocols, such as CAN, ARINC, LIN, MOST
- FPGA, DSP and custom IC programming experience a plus
- Experience with Requirements development, Parts, Materials, and Process flow down, and System Verification and Validation a plus, typically DO-XXX standards

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