

## System Engineer

Anywaves Luxembourg (EmTroniX) · Hautcharage, Luxembourg · Full-time

Location <b>Hautcharage, Luxembourg</b>	Contract <b>Permanent contract</b>	Status <b>Open</b>	Compensation <b>According to profile</b>
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To apply, please send your cover letter and CV to [jobs@emtronix.lu](mailto:jobs@emtronix.lu).

### Work environment

Anywaves has been at the forefront in electronics and embedded software for NewSpace applications since 2001, specializing in project management, design, testing, and production. With expertise in digital signal processing, telecommunications, electrical and mechanical engineering, we are driving the future of space technology. With a team of over 45 diverse, international professionals, Anywaves is a dynamic, tightly knit company that thrives on collaboration, creativity, and innovation.

Recently, Anywaves joined forces with Anywaves, a leading European space antenna specialist, creating a stronger, more integrated space RF, electronics, antennas and payload subsystems group. This merger opens up exciting new opportunities to work on larger, more complex programmes, expanded international markets, and end-to-end satellite payload technology solutions.

### Key responsibilities

- Lead and mentor the system engineering team
- Positively influence projects teams to participate in system design activities
- Develop system engineering process knowledge, documentation and contribute to the QMS
- Be responsible for products' system development consistency and coherency
- Coordinating technical activities with customers, partners, project teams and suppliers
- Prepare documentation according to applied space engineering standards
- Establish and manage requirements at all levels
- Manage internal and external interfaces (payload, ground segment, launcher, etc)
- Define analyses boundary conditions and validate reports
- Perform trade-offs analyses
- Define integration, verification and validation plan

## Job requirements

- Experience in Space Telecommunication Engineering
- ESA documentation experience & ECSS
- Experience with functional analysis/specification tools
- Experience with requirements writing and management
- Excellent communications skills both written and oral
- Strong analytical and problem-solving skills

## Preferred skills

- Fundamental skills in Telecommunication and Electronics
- Basic skills in FPGA (SW/FW), Mechanics, Thermal
- Provide a fresh approach and when appropriate question existing procedures, tools and methods with out of the box approach when relevant.
- Strong quality awareness will be appreciated

## Who we are looking for

- Master of Science degree is required (preferably in Telecommunication, Electronics, Software)
- Previous experience in systems engineering (space application preferred)
- Over 5 years relevant experience required
- Synthetic, coherent and consistent mindset
- Excellent team-working skills
- Fluency in English is mandatory, French or German are strong assets

We invite you to submit your CV and cover letter, showcasing your motivation for the position and Anywaves's positive impacts to the company. Expose and demonstrate how your skills align with the job requirements to make a meaningful impact.

## Apply

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