Accelerate your Career

Selectron Systems AG is a global specialist in the field of automation solutions for rail vehicles: Train Control & Management System TCMS (I&C and communication). We offer hardware and software components that enable efficient solutions for TCMS. We belong to the **Knorr-Bremse,** hosting the Group's Competence Centre for Product Cybersecurity.

Are you interested by cybersecurity? Fancy working on trains? Then keep reading as this might be your project!

For our cybersecurity team we are currently hiring a

Cybersecurity lab engineer (Internship)

THE PROJECT
You will be responsible, with the support from Selectron's teams for developing the concept and implementation of a cybersecurity lab, including H/W, S/W, tools, and procedures, as well as providing training on it. You will also have to take care of the budget linked to that activity.

THAT LAB WILL REPRESENT A TRAIN CONTROL AND MANAGEMENT SYSTEM AND WILL PROVIDE
- Support for proof of Concepts of cybersecurity related functions/products within the TCMS
- An environment where new ideas can be tested, and teams can work to solve complex cyber problems
- A security testing environment for TCMS products
- The basis of a demo setup to demonstrate cyber capabilities of the TCMS system, including the toolset to execute that demo

YOUR SKILLS
- A team player able to deliver autonomously.
- Able to develop a concept based on external inputs and your own thinking
- Motivated by leading a project from inception to realization (concept-deployment-operation)
- Able to research and integrate Open-Source tools in a sustainable way
- Knowledgeable in Linux system administration, scripting and maintenance automation
- Knowledgeable in networking and willing to learn less conventional technologies used in train automation
- Knowledgeable in cybersecurity principle (formal education specialization is desirable)
- English speaking and writing, German an advantage, any other languages a bonus

YOUR BENEFITS
- Knowledge and experience in practical Critical Infrastructure cybersecurity
- Be part of an experienced, international friendly and motivated railway cybersecurity team
- Specialized training benefits
- Flexible work location/time

We look forward to hearing from you Please send your complete application dossier to nicolas.goupil@selectron.ch

Selectron