

TeleAlarm is an SME that develops, produces, and markets alarm transmission, support and monitoring systems on the international market, mainly for the elderly, at-risk workers and medico-social institutions. We employ more than 40 people, mainly at our site in La Chaux-de-Fonds, but also in Germany, Benelux, and the United Kingdom.

To strengthen our team, we are looking for a

FW Developer

EMBEDDED SYSTEMS

Passionate about information technology and telecommunications, you want to evolve within a dynamic and creative team. You are able to offer reliable and innovative technical solutions that pragmatically meet the needs of our customers.

Your tasks

As a member of our R&D department based in La Chaux-de-Fonds, you will actively participate in all phases of our R&D projects (concept, Firmware development and testing).

Your profile

- You have a perfect command of the following areas:
 - Programming (C, C++) of embedded systems with real-time environments (Azure RTOS, FreeRTOS ...)
 - Microcontrollers and peripherals
 - Network technologies and IP communication protocols (TCP, UDP, IPv4 and IPv6)
- You ideally have experience in several of the following areas:
 - Voice over IP transmission (RTP, SIP, audio codecs)
 - Interfacing cellular networks
 - Authentication, cryptography (AES, TLS/SSL)
 - Low power communication (BLE, ZigBee, Z-Wave ...)
 - Audio and acoustic techniques
- You hold a Bachelor's or Master's degree in electronics (or equivalent)
- You have at least 5 years' proven professional experience in a similar position
- You are fluent in French and have a good knowledge of English
- You demonstrate a keen spirit of innovation and are passionate about new technologies
- You are rigorous, autonomous, dynamic, and versatile