

Firmware/Hardware Designer

About Paradox

Founded in 1989, we are a privately-owned, multinational manufacturer delivering advanced security solutions to residential, industrial and government customers world-wide, via our ecosystem of exclusive distributors. Our award-winning research and development teams, in Canada and Israel, develop a full range of innovative security panels, motion detectors, interactive touch screens and security accessories which leverage ground breaking technologies. Paradox is proud of our state-of-the-art, ISO 9001:2008 certified, Canadian manufacturing facility which produces top-notch, dependable products.

At Paradox, the workplace is one of innovation, pride and excellence. We are always looking for top-notch, talented people to join our team and take advantage of the many career opportunities available in our dynamic company.

We currently are seeking a Firmware/Hardware Designer to be part of our research and development (R&D) department. The incumbent will research, develop and design test stations for new and existing electronic products. As a Firmware/Hardware Designer, you will have to:

This position includes the following tasks:

- Develop new firmware for test controllers (C/C++)
- Design new schematics for controller's interface (PCB Schematic)
- Design new mechanical enclosures for test controllers (CAD)
- R&D new generation test controllers
- Develop test stations strategy in collaboration with other departments
- Offer test station support (troubleshoot, design improvements, updates)
- Document all new designs and modifications for test stations

Requirements:

- Minimum of 1 year of experience
- Advance skills in C/C++ programming
- Understanding of ADC, UART, GPIO, I2C, SPI, USB, Diodes, LEDs, Transistors
- Great knowledge of electronic schematics, component spec sheets, product manuals
- Great analytical skills
- Ability to work independently and under pressure
- Excellent communication skills
- Fluent in English and French
- College degree or Bachelor in Electronic

Contact us: Please send your CV (English and French version) to email address – humanresource2@paradox.com