



Technicolor is home to creative technology professionals committed to the creation, management and delivery of entertainment content to consumers around the world. If you are passionate about excellence and innovation, we invite you to come and see us.

You too can be a part of our winning team!

Technicolor Edegem is the world leader in gateway devices and multiple-play applications. We develop state-of-the-art technology for our wide range of connected home products.

We are currently looking for a

Senior Hardware Design Expert

Job Responsibilities

Technicolor Connected Home division has a proven track record of delivering state-of-the-art gateway platforms to Telecom Operators worldwide.

For the Telco Product Development Unit and the Next Generation Gateway Product Development Unit, we're looking for a Senior Hardware Design Expert. Since the hardware development is done in partnership with ODMs in Asia, the key responsibilities for the Hardware Design Expert are:

- You are involved early in the product design life-cycle, starting from supporting the end-customer RFI response and help defining the best hardware architecture choices for the end-customer, in close collaboration with the Hardware Architecture team.
- You translate the customer product requirements into hardware specifications towards the ODM.
- You drive the schematic and layout design with the ODM.
- You review and approve the CAD files.
- You check and approve the BOM and BOM cost.
- You define the hardware test plans and test methods, review and approve the hardware test results.
- You liaise with the rest of the internal team (e.g. mechanical, compliance, ...) to make sure the end product is meeting quality and cost targets.
- You stay on top of new technologies, the Hardware Design Expert also stays in close contact with IC vendors to follow-up on new ICs and to compare and benchmark solutions from different vendors.

Education

Master's degree (or similar by experience) in Electrical Engineering or related discipline.

Experience

- 5 to 10 years relevant hands-on hardware design experience with preferably 2+ years in xDSL/LTE/xPON gateways, WLAN routers, set-top-boxes or tablets.
- Strong general RF background and solid experience in high-speed PCB design and RF circuitry.
- Proven hardware design experience and expertise on at least 2 of following RF interfaces: 2.4GHz/5GHz WLAN, Bluetooth, Zigbee, Z-Wave, LTE, antennas.

- Knowledgeable on co-existence issues and solution related to the above mentioned RF technologies
- Familiar with Ethernet 10/100/1G, VOIP, USB1.1/2.0/3.0 designs and standards.
- Experienced in the regulatory aspects (EMC, EMI, ESD, surges,...) of a design.
- Experience in managing an external ODM-partner or major component sub-contractor is a strong plus.

Skills

- Result driven team player and problem solver
- Strong communication skills
- Negotiation skills
- Accustomed to work in a multi-cultural environment with teams spread over multiple sites.

Language

- Fluent English is mandatory
- Dutch is a plus.)

Travel

Willing to travel to China/Taiwan for short periods

Location

Edegem (Antwerp), Belgium

Department: Connected Home, PDU Telco Broadband and PDU Next Generation Gateways

Our offer

We offer a competitive package including fringe benefits such as a company car, free DSL connection, meal vouchers, hospitalization and group insurance together with career opportunities in a highly advanced technological and innovative environment.

Flexible working helps you manage your work-life balance. Next to the 20 days of statutory annual leave and the public bank holidays, you are entitled to 8,5 days extra from the reduction of working hours. Using our flex time system could allow you to 7,5 days more holidays and after each 5 years of uninterrupted service for Technicolor, you get an extra seniority holiday.

As innovative player, we encourage personal evolution. Collaboration will help you discover new opportunities and new working methods. Furthermore, if needed for you to grow and develop your potential we offer training.

Apply to this position

Technicolor Delivery Technologies Belgium

HR Department

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