

FPGA DESIGN ENGINEER

Become part of the innovative research and development team of intoPIX SA.

intoPIX is a global leader in video compression, image processing and security solutions, targeting multiple software and hardware platforms. Major electronics manufacturers and service providers across the globe rely on our leading-edge IP for a multitude of applications.

Having received multiple awards that recognize our strong expertise and innovation, intoPIX's technologies are used daily by 50% of worldwide movie theatres, major sport events including the Olympic Games and the FIFA World Cup, and many other applications in Broadcast, Pro-AV, Industrial Vision, Satellite Imaging and Consumer Products.

After multiple epic contests, intoPIX TICO proprietary codec is very close to become an ISO standard known under the name of JPEG-XS. A wide variety of JPEG-XS implementations will hit the audiovisual markets in the next few years and intoPIX team will be in the heart of this deployment.

As a member of the Research and Development Team, you will contribute to the JPEG-XS deployment by thinking, designing, creating and optimizing the solutions for our customers. More information on our company, customers and products can be found on www.intopix.com.

Your responsibilities will be:

- Design, develop and test video processing algorithms.
- Design hardware architectures of video processing algorithms for FPGA or ASIC.
- Develop and validate hardware IP-cores on FPGA or ASIC.
- Take part to the patenting process resulting from algorithmic research.
- Contribute to continuous improvement of our agile development processes.

Desired Skills and Experience

- You are a passionate Electrical Engineer.
- You always find creative solutions to tough problems.
- Team player, pro-active and responsible, you can manage your time and prioritize your tasks.
- You know some of the following hardware description languages: VHDL, Verilog.
- You know scripting languages like Python, bash, TCL.
- Experience with some Video & Image Processing Algorithms or technologies (SDI, HDMI, JPEG2000, HEVC, MPEG2-TS ...) is an asset.
- You have good communication skills in French and English, both oral and written.

About this company

Founded in 2005, intoPIX is an independent image technology company which benefits from world-class expertise and knowledge in image processing, cryptography and micro-electronics. Our wide range of IP-Cores features JPEG 2000 encoders and decoders, TICO lightweight compression, video and network interfaces (MPEG2-TS for SMPTE2022, Ethernet-AVB), multimedia and encryption functions (AES, RSA, SHA,...), memory controllers, and more.

Thanks to its first-class and recognized expertise in image technology & micro-electronics, the intoPIX team can guarantee a top-notch quality of product and support to every customer.

What we offer

You will work in a growing innovative company with 20 smart, passionate and fun people. Our brand new offices are located in Mont Saint-Guibert (Belgium). We offer competitive salary with attractive benefits.

If you meet the profile, and would like to be part the team, please send your application to jobs@intopix.com