



intoPIX COMPANY PRESENTATION

intoPIX, strong knowledge of JPEG 2000

intoPIX

Leader in JPEG 2000 technology for Professional Imaging systems

Initiated in 2001 by the University of Louvain in Belgium, intoPIX was founded in 2006 around a team combining researchers and industry managers.

With expertise in FPGA IP-Core design, intoPIX provides key image compression technology to audiovisual equipment manufacturers.

Achieving a major breakthrough in Digital Cinema right from the start, intoPIX acquired a leading position in the professional image compression industry based on the JPEG 2000 standard.

Today we have extended our expertise to other market segments and now work with partners and customers in the broadcast, space, document archiving, military and industrial vision industries.

Our commitment to the integrity of image quality and industrial feasibility allows our customers to adopt the JPEG 2000 image compression standard quickly and efficiently.



**FINANCIALLY SOUND
EXCELLENT GROWTH
PERSPECTIVE
PROFESSIONAL PROCEDURES
FOCUSED ON HUMAN RESOURCE
DEVELOPMENT**

LOOKING FOR DISTRIBUTORS

As the market evolves from a niche business towards a much wider market, we are looking to expand our coverage with a network of agents.

*Alain Wislet
C.O.O.*





intoPIX, a company with strong PRESENCE

Our customer base has developed fast. We are proud to work regularly with more than 30 partners in the professional image sector, with strong activity throughout Asia, the North America and Europe.

The best solution for top level picture quality suitable for all audiovisual and imaging applications.



IN DIGITAL CINEMA, the success of our products has led to partnerships with 6 of the 8 mediablock manufacturers.

IN BROADCAST, we already work with three major players in a market that is growing exponentially. JPEG 2000 brings indisputable advantages: after configuration of our codecs, they can offer unique benefits such as ultra-low latency and the ability to work on multiple image sizes and frame rates.

These assets are coupled with the intrinsic advantages of JPEG 2000: scalability, compression efficiency, open format, graceful degradation and high error resilience. JPEG 2000 preserves the image quality right through the broadcast production chain prior to transcoding the content for the final viewer.

ARCHIVING, SPACE AND INDUSTRIAL VISION: these industries adopted JPEG 2000 as soon as the standard appeared. Today intoPIX offers them the tools and power necessary for the development of systems suitable for the high quantity of images generated, the quality demanded and the security required.

As a leading technology provider, intoPIX has to be a frontrunner of the JPEG 2000 standard - staying closely in touch with end-user application needs and market trends - so that intoPIX can play an active role within the standardization organizations such as SMPTE and ISO-JPEG committees.



YOUR IMAGE MATTERS



Jean-François Nivart - MBA
C.S.O., Founder



intoPIX, a strong PARTNER in your DEVELOPMENT

To reduce your time to market, intoPIX provides you with ready-to-use technologies adapted to your needs, and a team of experts to accompany you during your integration.

intoPIX offers two product ranges: the IP-Cores addressing the electronic manufacturers and the OEM boards, addressing system integrators.

FPGA IP-CORES

Since their launch in 2006, intoPIX IP-Cores have facilitated and accelerated the adoption of JPEG 2000 in the audiovisual industry. The choice of FPGA as platform enables the development of flexible high-performance products capable of adapting to the diversity and evolution of market applications.

Particularly compact, intoPIX IP-Cores integrate perfectly into small FPGAs, providing tight BOM control.

intoPIX has also used its experience to develop an efficient step-by-step approach, providing rapid and risk-free integration into systems in development.

In addition, evaluation boards make it possible to start development directly on an existing FPGA platform.

OEM BOARDS

Our Pristine cards have been developed for JPEG 2000 applications in which the development of a dedicated electronic board is not justified

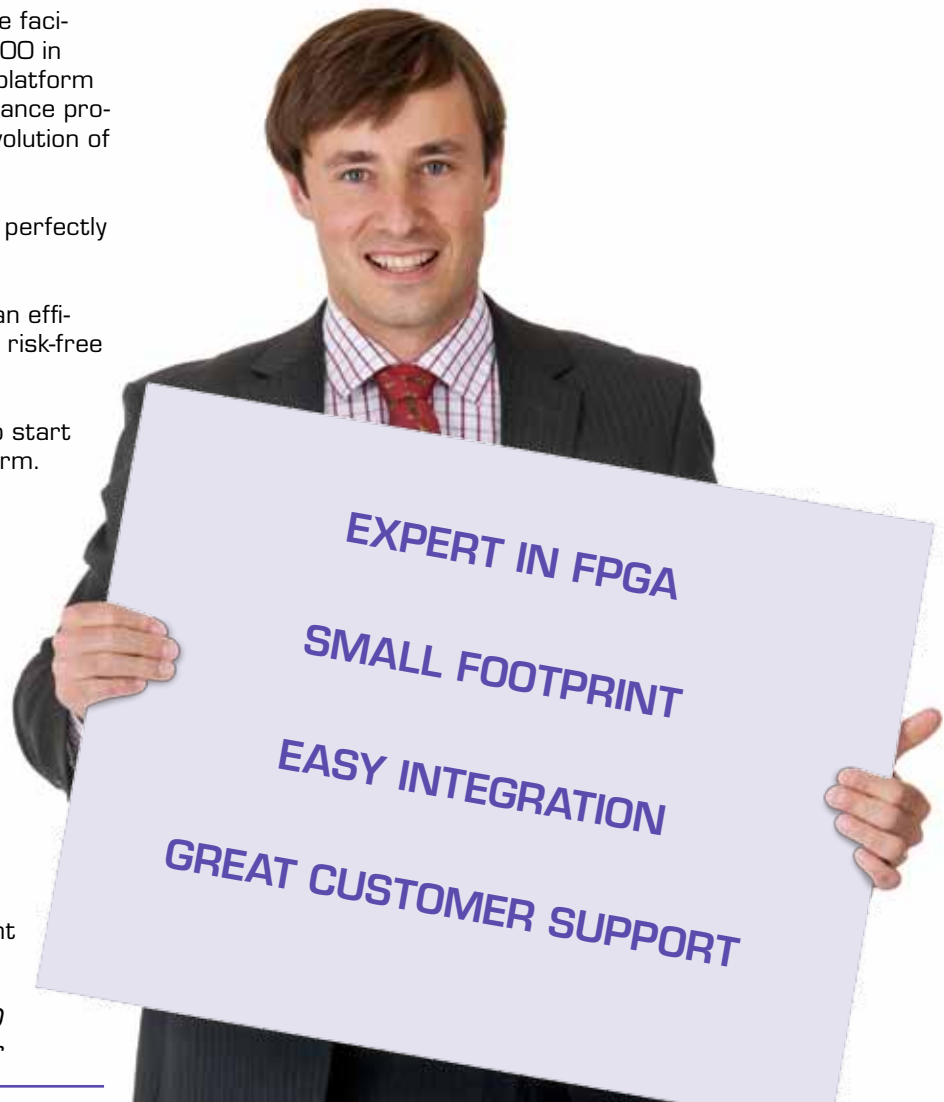
intoPIX boards allow assembly of products in small or medium quantities. They are available off-the-shelf or can be adapted in terms of input-output and processing power.

In addition, an SDK enables the easy development of specific applications.

*Gaël Rouvroy - PhD
C.T.O., Founder*



PRISTINE: the ideal OEM board to meet the challenge of any demanding JPEG 2000 application.



EXPERT IN FPGA

SMALL FOOTPRINT

EASY INTEGRATION

GREAT CUSTOMER SUPPORT

See our "Everything you always wanted to know about JPEG 2000" pocket book.
www.intoPIX.com



JPEG 2000 the professional image compression technology

JPEG 2000 is today confirmed as the professional way to maintain pristine image quality.



IMAGE MATTERS
it's my job

JPEG 2000 clearly differentiates itself from traditional MPEG standards:

- MPEG is largely deployed at consumer level because of its high compression ratio while respecting human visual quality. ...Useful characteristics, for example in the final step of the broadcasting process.
- On the other hand, JPEG 2000 deeply respects the image structure, even after the multiple compression-decompression generations necessary for baseband image processing (color correction, special effects, ...).

JPEG 2000 is the only compression technology that can meet the needs of today's audiovisual industry, faced with an explosion of image data quantity and demand for image quality.

For instance, intoPIX today offers IP-Cores capable of compressing images as large as 8 (8192 x 4160 pixels) at 60 frames per second.

Closer to the consumer, more than 50,000 cinema screens have been deployed with JPEG 2000 decoders, bringing pristine studio quality to moviegoers around the world.



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