



PRESS RELEASE

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For immediate release

intoPIX Showcases a SMPTE2022 Reference Design running on Xilinx FPGA and enabling Live Video over IP transport using JPEG2000.

Belgium, Mont-Saint-Guibert: 4 April 2014– **intoPIX** has today officially released its smart SMPTE2022 video over IP reference design based on Xilinx FPGAs. For this reference design, intoPIX has developed a new MPEG2-TS encapsulation layer for their JPEG2000 compression IP-core and has co-integrates the Xilinx SMPTE2022-1/2 IP-core.

intoPIX provides a reference design that follows VSF Technical Recommendation, “Transport of JPEG 2000 Broadcast profile video in MPEG-2 TS over IP”, facilitating the FPGA integration, guaranteeing interoperability and accelerating the time to market, all being integrated in a single Xilinx Kintex 7 FPGA.

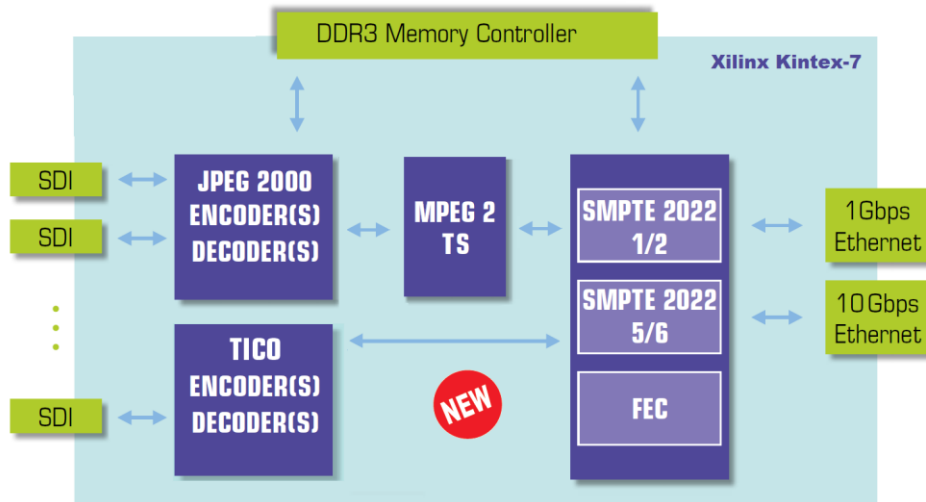
“intoPIX brings a cost-effective and smart way to build a video over IP solution for HD or even 4K over 1G networks using a JPEG2000 visually lossless compression that offers an ultra-latency going below 10ms” said Gael Rouvroy, intoPIX CTO.

“It is also planned by intoPIX and Xilinx to integrate the TICO lightweight compression in current SMPTE2022-5/6 reference design and map up to three 4K streams over 10G with only few pixel lines of latency. Incredibly small in FPGA with no needs of external memory, the intoPIX light compression is a key alternative to uncompressed video transport to migrate Broadcast infrastructure to 4K” said Robert Green, Sr. Manager, Xilinx Broadcast & Professional A/V Business Segment.

intoPIX Xilinx Kintex-7 JPEG2000 SMPTE2022 video-over-IP reference design will be showcased at NAB tradeshow next week in Las Vegas at intoPIX (C5243) booth.

Image:

SMPTE 2022 VIDEO OVER IP



A Smarter Vision for Ultra HD 4K over 1G and 10G IP networks !

About intoPIX

intoPIX is a leading supplier of compression, cryptographic and video transport technologies to audio-visual equipment manufacturers. We have developed flexible and powerful IP-cores for FPGA/ASIC and software solutions that enable leading-edge image and video compression (JPEG2000, TICO lightweight,...), security (AES, RSA,...), transport (AVB-Ethernet, SMPTE2022 video over IP, UDP, MPEG2-TS,...)and hardware enforcement to take imaging to the next level. More information on our company, customers and products can be found on www.intopix.com

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