

intoPIX to Showcase New TICO® Compression Performances on FPGAs and CPU for UHD/4K and HFR.

IBC 2015, Amsterdam, September 11th, [intoPIX](#), leading provider of video compression solutions, today announced that its [TICO](#) lightweight video compression technology has extended its performance on FPGA and CPU platforms. TICO FPGA-powered products can be deployed on current and legacy generation of FPGAs used in Broadcast infrastructures to support UHD/4K. The extended FPGA performances enable also to support UHD/4K at 120fps or even HD up to 480fps in a single FPGA core. TICO CPU-powered decoder is also commercially available to equipment vendors, system integrators for HD, 4K, or even 8K.

TICO compression is an easy path to support higher data stream as UHD4K, 8K or HFR using existing systems and infrastructures. The benefits of being a lightweight compression means that TICO is able to run on low cost FPGA and CPU at very high performance and can be added in any production ecosystem bringing a high level of interoperability. The codec is currently being deployed in Live production applications, delivering high-quality feeds with only few pixel lines of latency. TICO magic 4:1 compression ratio sets new ways to support UHD/4K within 10GbE IP networks and 3G-SDI infrastructures.

“TICO CPU-powered provides also a new level of performance in terms of latency, speed, and flexibility”, says Charles Buyschaert, Senior software engineer, intoPIX. “Whereas legacy codecs are highly paralyzing frames to reach real-time, TICO has the ability to distribute pixel lines across the entire CPU. This allows to reduce significantly the latency, a critical aspect of Live production.”

intoPIX (Hall 10, Stand D31d) will show TICO in actions during IBC 2015 and welcome everybody to sample this Game changing technology.



Higher level of quality
& Lowest latency



Smart upgrade path to
UHD 4K/8K over SDI & IP



Power & Cost savings



About intoPIX

intoPIX is a leading image compression technology provider to audiovisual equipment manufacturers. We are passionate about offering people a higher quality image experience and have developed FPGA and ASIC IP-cores as well as software tools that enable leading-edge TICO Lightweight compression, JPEG 2000 compression, security, video over IP and hardware enforcement. More information on our company, customers and products can be found on www.intopix.com.

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