

intoPIX and Lattice to Showcase Latest FPGA-based Lossless Compression Solutions at Vision 2021

Mont-Saint-Guibert – October 5, 2021 – [intoPIX](#) today announced its participation in the [VISION show 2021](#) – October 5-7 – in Stuttgart. This year, intoPIX will debut its new solutions for machine vision based on the low power [Lattice CrossLink™-NX FPGA](#) for embedded and machine vision applications from [Lattice Semiconductor Corporation](#) (NASDAQ: LSCC), including the new innovative [JPEG XS](#) extra small compression and the lightweight sensor compression [TICO-RAW](#).

The Lattice CrossLink™-NX FPGA used in the intoPIX solutions provides the low power image signal processing required to capture, transmit or store high-resolution images (from 2 to more than 100 Megapixels). They are adopted to replace uncompressed video pipelines, whether the stream is captured in monochrome, raw-Bayer or in color. A key advantage is the capability to compress video data with lossless quality, very low complexity and microsecond latency. Cameras, extenders, grabbers and servers are enhanced with new capabilities, while using less bandwidth, less storage and less power.



Mark Hoopes, director of industrial segment marketing at Lattice, said *“Combining the intoPIX lightweight compression technologies with Lattice CrossLink-NX low power FPGAs is of great interest for our customers. intoPIX focus on image sensor and camera compression is complemented by Lattice’s expertise in low-power FPGAs. Lossless compression for machine and human vision is a must-have for smart factories and automotive applications”*

For more information about the Lattice CrossLink-NX FPGA family, please visit www.latticesemi.com/CrossLink-NX.

The booth showcasing the demos (Hall 8 – 8E08) is shared with both Lattice and Helion GmbH. More information about the Vision Show and about how intoPIX enables industrial electronic manufacturers to bring innovative and competitive products to market faster is available at www.intopix.com/vision.

About intoPIX

intoPIX is a worldwide leading technology provider of innovative compression, image processing and security solutions. We deliver unique FPGA/ASIC IP cores and efficient software (on CPU & GPU) to manage more pixels, preserve quality with no latency, save cost & power and simplify connectivity. Our solutions enable machine vision, automotive, security, industrial applications to build new bandwidth-efficient workflows, reducing costs, replacing uncompressed video, and preserving always the lowest latency and the highest quality. More info on www.intopix.com

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