

TIXEL High-Speed DPX Transfer with PIXSPAN Lossless Compression

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TIXEL and Pixspan have developed a new software offering that combines the most efficient lossless image compression with the most efficient WAN file transfer technology. The upcoming release of TIXstream file transfer software will be available with integrated support for lossless image compression.

Sequences of DPX, CINEON, OpenEXR, TIFF, ARRIRAW, Canon Raw, DICOM, and GeoTIFF images are compressed for transfer resulting in 2 to 5 times less network traffic volume and thus up to 2 to 5 times faster transfers. On the receiving system images are uncompressed on-the-fly for a 100% identical copy of the original content.



“With TIXstream we found the optimal vehicle for complementing our codec technology,” said Keith Hogan, Pixspan's CTO. “This integrated solution vastly speeds up typical DPX or other full-resolution workflows.”

Both companies are focused on high-performance software that enables their customers to get the maximum from their computing and network resources.

“Combining our software was just a logical next step.” said Andreas Aust, TIXEL’s CTO. “Both being built upon a rock-solid software base, integrating Pixspan’s efficient codecs in TIXstream’s high performance transfer framework was absolutely straight-forward and easily accomplished. Since our technology provides maximize transfer rates 100% agnostic to content, adding a highly optimized codec offers a perfect match.”

This groundbreaking solution is the ultimate accelerator for distributed uncompressed imaging workflows resulting in significant time and cost savings.

About PIXSPAN

Pixspan offers unique software products that reduce storage costs and increase transmission speeds of full-resolution media, medical, and surveillance imaging. Currently, Pixspan is the only company providing a solution that enables a full resolution workflow beginning from camera RAW, to image processing, through final asset with less than half the storage and bandwidth of existing solutions.

About TIXEL

TIXEL is a German-based vendor of solutions for high-speed transfer in wide area multi-gigabit IP networks. TIXEL products are primarily used to optimize data-intensive global applications like cloud services, big data exchange, and media production.

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