

Village Island Enhances its New AI100 with intoPIX's JPEG XS Technology for Advanced Real-Time Analysis

Mont-Saint-Guibert, Belgium, March 31st, 2025—intoPIX announces the successful addition of its JPEG XS technology to the new Village Island AI100 system. The AI100 is a professional real-time test and measurement analyzer that offers comprehensive ST 2110 support.

Village Island's AI100 integrates intoPIX's JPEG XS technology to provide an unmatched level of detail in analyzing ST 2110-22/JPEG-XS workflows. This enables users to validate interoperability and diagnose potential problems in their IP video devices. Our new ST 2110 JPEG XS analysis tool feature offers a detailed technical view of the JPEG XS codestream's content. As JPEG XS technology becomes a critical element of modern IP infrastructures, the AI100 provides engineers with the necessary tools to maximize the potential of JPEG XS while ensuring seamless, real-time IP video workflows. The following features demonstrate how the AI100 elevates the use of JPEG XS in monitoring:

- **JPEG XS Advanced Support** –The AI100 deeply analyzes the JPEG XS support header, boxes (VS and CS), codestream, and transport layers to confirm the optimized encoding and decoding in the codestream.
- **Interoperability & Compliance** – Ensures seamless integration of JPEG XS within ST 2110-22, providing full compatibility and optimizing workflows.
- **Low Latency & High Efficiency** – JPEG XS delivers visually lossless quality at lower bitrates, making it ideal for remote production, high-resolution, and bandwidth-efficient ST 2110 workflows.
- **ST-2110 to SDI real-time converter/decoder** – The AI100 supports JPEG-XS decoding up to 8K, 4x 12G-SDI out.

"With AI100, we deliver a next-generation test & measurement tool, allowing broadcasters to harness the power of JPEG XS," said [Michael Van Dorpe](#), CEO of Village Island. "Thanks to intoPIX's expertise, we ensure unmatched precision in real-time IP monitoring."

"We are proud to see Village Island adopt our JPEG XS technology in AI100," said [Jean-Baptiste Lorent](#), Head of Media & Entertainment Group at intoPIX. "This collaboration reinforces the growing role of JPEG XS as a key enabler of high-performance, low-latency IP workflows, especially within the evolving **SMPTE 2110** infrastructure."

See JPEG XS in Action at NAB 2025

Join intoPIX at NAB 2025 (Booth N2452, North Hall) to experience AI100 and discover how JPEG XS is transforming professional IP workflows.

About intoPIX

intoPIX creates and licenses innovative image processing and compression solutions. We deliver unique IP-cores and efficient software solutions to manage more pixels, preserve quality with no latency, save cost & power and simplify storage and connectivity. We are passionate about offering people a higher-quality image experience. Our solutions open the way to new imaging workflows and new devices, reducing costs in HD, 4K, or even 8K, replacing uncompressed video, and always preserving the lowest latency with the highest quality.

www.intopix.com

About Village island

VILLAGE island is based in Tokyo with international activities including distribution, integration, development, and services. With its dedicated team and network of qualified professionals, "VI" offers a full range of hardware and software technologies, highly integrated, flexible, and known as cost-performing solutions for all broadcast and streaming needs. VILLAGE Island's typical customers are broadcast/telecom operators, TV/Radio stations, system integrators, HE equipment, and STB/TV manufacturers. VILLAGE island disposes of a wide customer base with more than a thousand systems deployed. The reason for this success lies in VI's engineering mind and spirit of teaming up with customers, with a focus on delivering practical solutions to concrete needs.

www.village-islande.com

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