PESA Debuts Xstream, its Video Over IP Matrix

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PESA launches **Xstream**, a multi-port HD-IP streaming system: a 1U rack-mountable box that simultaneously encodes up to 5 independent video sources and 8 audio sources concurrently from live or recorded video for multi-path H.264 IP distribution over 6 independent video streams.

PESA Xstream captures H.264 IP camera streams, NTSC/PAL or SDI video up to 1080p resolution, video playback and even computer-based content such as PowerPoint slides, then prepares high-bandwidth MPEG-4/H.264 broadcast streams for enterprise distribution and archive. When multiple sources are captured simultaneously, the streams remain associated and synchronized during the event. Storage options include a PESA internal 2.5-inch SATA drive.

With five individually addressable video outputs as well as an integrated quad-view output, PESA Xstream allows operators to stream live content over IP while simultaneously transmitting live digital content to a quad-view display and/or full screen display. PESA Xstream can also synchronize discrete audio inputs to discrete video and IP video inputs, and offers adjustable audio delay.

This is aimed at court recording, rental and staging events, telemedicine, virtual classrooms, security and surveillance, and webcasting and remote production applications.

PESA also provides access to its Application Programming Interface (API), allowing integrators to tailor applications to specific market segments.

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