Telestream Takes Giant Leap Forward in Video Transcoding Speed and Quality

Lightspeed Server adds GPU accelerated transcoding, increasing speed and quality for hundreds of file formats; Transcode Multiscreen automates complete workflow for OTT, tablet and mobile content preparation and delivery

Nevada City, Calif., August 29, 2012 – Telestream® today announced availability of two new products and a major Version 4.0 release for its award-winning family of Vantage® video transcoding and workflow automation products. The new GPU-accelerated Lightspeed™ Server enables blazing-fast video processing and H.264 encoding for all Vantage transcode solutions. Transcode Multiscreen accelerates multi-bitrate H.264 transcoding and packaging for multiscreen video delivery, including OTT, tablets, and mobile devices. Vantage now includes market-specific transcoding solutions that can be used standalone or integrated into more extensive Vantage workflow systems to quickly support emerging market needs. In addition, Vantage systems now incorporate loudness control, web captioning, and include integrations with third-party products allowing the creation of tightly integrated, fully automated, intelligent, file-based video workflows.

"With this release Vantage takes a giant leap forward in speed and quality while addressing expanding transcoding needs," said Barbara DeHart, vice president of marketing at Telestream. "Transcode Multiscreen allows content owners and distributors to quickly and efficiently prepare, package, and deliver the highest quality video at the fastest possible speed to any screen. When used with our Transcode Pro and Lightspeed Server products, users have hands-free access to virtually any file format and direct integration with many devices, offering the fastest, most powerful and complete video transcoding solution on a single server."

Transcode Multiscreen and Lightspeed™ Server work together to provide GPU acceleration of video processing and H.264 encoding and to enable blazing-fast speeds. Support for Apple HLS, Adobe® HTTP Dynamic Streaming, Microsoft IIS Smooth Streaming, MPEG-DASH and MP4 formats is included. Transcode Multiscreen automates the entire process of source file decoding, parallelized H.264 encoding, creation of adaptive bit rate packages with encryption, archiving, delivery and notification.

New with Version 4.0, Vantage Transcode products can leverage Lightspeed™ Server to provide GPU-accelerated transcoding and video processing across hundreds of formats, with pristine 16-bit 4:4:4:4 YUV image quality, support for the x264 codec for high-quality H.264 transcoding, vastly improved up/down/cross conversion and deinterlacing, plus support for new file formats.

Now available, Vantage 4.0 workflow automation features include new audio loudness measurement and correction capabilities, providing compliance with CALM Act, Dolby® Dialog Intelligence, EBU R 128, and ITU-R BS.1770-2 specifications. Additional integrations with professional video systems allow automation of more complete file-based video workflows, including Avid, Civolution, Grass Valley, Harris, Irdeto, Nielsen, Omneon, Screen and more. A new advanced Avid option enables encoding and delivery to Avid

Interplay with metadata. New integration with Civolution embeds digital forensic watermarking into any asset. A new Web-based Workflow Portal enables metadata entry, review and approval from any Mac or PC browser, improved frame accurate proxy editing, plus thumbnail and list views.

"We look forward to incorporating Vantage 4.0 into our six-node Vantage network," said Darren Munro, systems architecture engineer at Supersport, a leading pay-TV broadcaster in Africa. "Providing control and interaction from any Mac or PC Web portal will allow our compliance editors to have full access to Vantage from any workstation."

Vantage 4.0 is now available from Telestream's worldwide network of direct sales and distributors. More information about Telestream and Vantage products is available at www.telestream.net.

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About Telestream
Telestream provides world-class live and on-demand digital video tools and workflow solutions that allow consumers and businesses to transform video on the desktop and across the enterprise. Many of the world's most demanding media and entertainment companies as well as a growing number of users in a broad range of business environments, rely on Telestream products to streamline operations, reach broader audiences and generate more revenue from their media. Telestream products span the entire digital media lifecycle, including video capture and ingest; live and on-demand encoding and transcoding; playout, delivery, and live streaming; as well as management and automation of the entire workflow. Telestream corporate headquarters are located in Nevada City, California. The company is privately held. For more information, visit www.telestream.net.

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