VIZRT UNVEILS NEW 4K/UHD VOD TRANSCODER AT IBC 2015

Vizrt will demonstrate new 4K/UHD live streaming and multi-platform transcoding and graphics capabilities in their next generation transcoder - Coder.

The new transcoder is an integral part of the Viz One media asset management (MAM) system as well as a standalone component that can be used with other Vizrt products such as Viz Engine. See it at IBC2015 booth 7.A20

Generate 4K/UHD VOD variants with device-adapted graphics

Coder supports producing VOD variants for web and mobile distribution with resolutions up to 4K/UHD - including adding graphics. Producing VOD has never been so easy. Users in Viz One simply select what destination they want and Coder transcodes all of the required variants. All configuration is done via web-based interfaces - so making changes to setup is very easy.

Coder supports dynamic scheduling of jobs and can efficiently distribute VOD, Proxy or Live transcoding jobs on a server farm based on transcoder load and job requirements. Coder also uses 5 to 10 times lower disk IO than the previous generation of transcoder - since all variants are generated in a single job. For customers publishing in excess of 100 videos per day these efficiencies have significant cost benefits.

"Media companies are publishing more and more video to multiple platforms while dealing with a growing number of formats. Coder gives them a tool that makes format adoption dramatically faster," said Petter Ole Jakobsen, Vizrt CTO. "Coder is part of Viz One, which fits in with all of Vizrt's products for a complete video and graphics workflow across multiple platforms."

Officially certified for Akamai Live RTMP ingest

Coder has been officially qualified by Akamai, a global leader in Content Delivery Network (CDN) services, ensuring full compatibility with Akamai's Media Delivery Solutions. For Vizrt's customers using Coder in tandem with the Akamai CDN platform makes it easy to stream live events to connected devices such as mobile phones, tablets and desktop computers on a global basis.

The new qualification guarantees that Coder's live streaming has passed all of Akamai's rigorous tests and supports all of its requirements for wide-scale deployment. It also ensures that Coder will provide the best experience for viewers on the Akamai Delivery Network. Coder provides a simple tool to push an IP or SDI signal for multi-bitrate streaming on the Akamai network. Using Viz Engine's IP functionality, Coder can provide device adapted graphics streams, ensuring users relevant and beautiful graphics from their smartphone to their televisions.

Coder is also compatible with most video-sharing platforms supporting RTMP ingest such as Youtube and Dailymotion.

Coder uses the BlueFish444 Epoch 4K Supernova for SDI-ingest of live material. BlueFish444 will be at Hall 7 in booth S7J07.