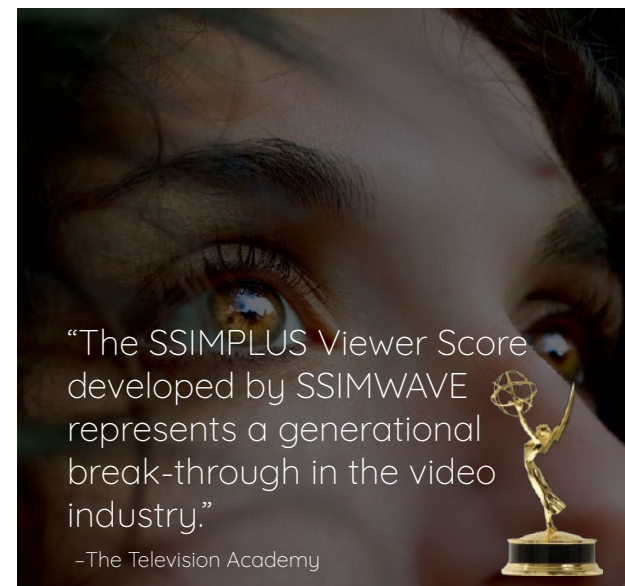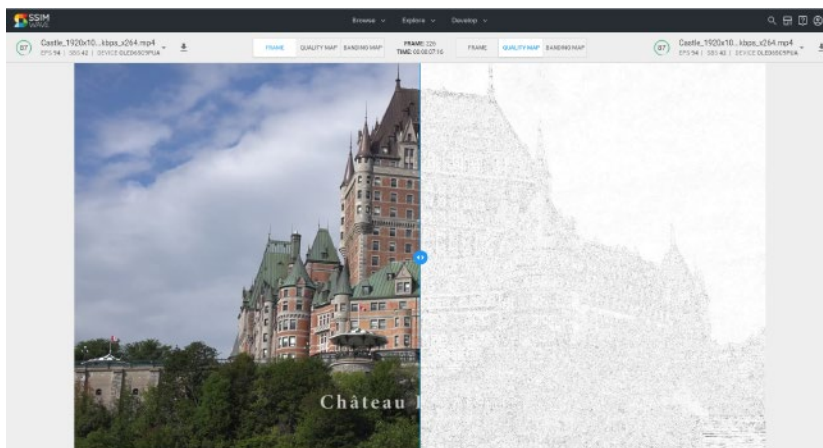# SSIMPLUS® VOD MONITOR

Video Quality Assurance at Scale that Correlates with Human Vision.

Finally, there's a way to manage and fix workflow issues by tracing the asset Viewer Experience accurately across file-based video workflows. Introducing SSIMPLUS® VOD Monitor - a scalable software solution that leverages two-time Emmy award-winning state-of-the-art technologies, to manage content in file-based production environments.

Streaming Done Right

Focus on problems that really matter - pass/fail notifications based on target Viewer Experience thresholds and checks for video, audio, and closed captions. The deployment can scale from a small batch to a large volume of assets and integrates into your workflow in a flexible fashion:

✓ Viewer Experience measurement for sources, distribution-encoded multi-bitrate content, and playback using SSIMPLUS- the most accurate viewer experience metric that supports all content types and attributes including HDR and WCG content.

✓ Comprehensive video, audio, and closed captions checks to ensure your content meets the high standards that consumers have come to expect.

✓ Modification of alert templates without needing to resubmit. Creation of custom alert templates to handle various kinds of content and workflows.

✓ Unique metrics that put you above the competition by helping to fix issues such as banding detection, macroblocking detection color volume difference using pixels, and content features.

✓ Easily scalable, cluster-based solution with flexible deployment options.

✓ Predictable and sustained high-performance architecture regardless of load.

"The SSIMPLUS Viewer Score developed by SSIMWAVE represents a generational break-through in the video industry."

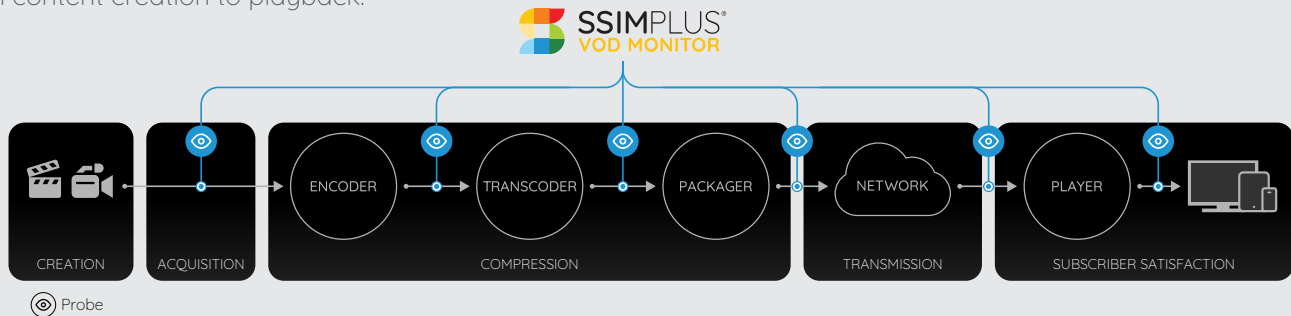–The Television Academy

Applications

Operations:
- Live/VOD Monitor
- E2E visibility
- Root cause analysis
- QA/QC
- SLA compliance
- Quality distribution & relationships across programming

Optimization:
- Optimal sources
- Optimal X-coders
- Optimal delivery paths
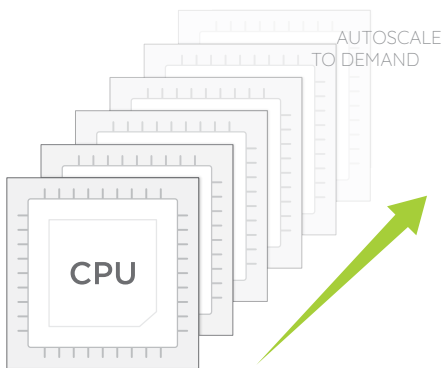- Achieve target quality by programming, channels and/or viewers

Helping your workflow, deliver industry leading Viewer Experience

Trusted by leading brands in the Media & Entertainment industry, VOD Monitor provides actionable data in an automated fashion to identify and localize issues that generally require manual QC,when content quality falls below the targeted SSIMPLUS Viewer Experience score or fails quality checks. Actionable data provided by the software solution significantly reduces mean time to resolution by tracking content quality in an end-to-end (E2E) fashion from content creation to playback.

SSIMPLUS VOD Monitor is a unique product that watches content just like viewers do in order to provide an accurate and complete assessment of Viewer Experience. Source Viewer Score, Encoder Performance Score, Output Viewer Score, and Playback Viewer Score provide a comprehensive understanding of file delivery workflows along with a comprehensive list of quality checks.

Elastic compute

The ability to adjust the delicate balance between video quality and customer satisfaction can be the difference between keeping viewers on your content or not. You can configure your workflows to quickly identify assets based on specific Viewer Experience scores. VOD Monitor is packaged in a platform that increases and decreases compute power as needed. Spend resources only when you need them and still keep viewers happy. We call that a winning score any way you measure it.

SSIMPLUS VOD Monitor is a tailored turnkey or custom deployment running on a Kubernetes platform within Google Cloud Engine, AWS EC2, Microsoft Azure, or On-Premise Data Centers.

SSIMPLUS VOD Monitor supports most media container formats and video codecs. Below are some examples. This is not an exhaustive list and we can accommodate other formats. For more detailed information about deployment and architecture, please contact our Sales Team or reach out to hello@ssimwave.com

Media Container Formats	Video Codecs	HDR Formats
IMF, MXF, MOV, MP4, MPEG-TS, AVI, M4V, MPG, V210, WebM, YUV, and many others.	ProRes, JPEG 2000, DNxHD, H.264/AVC, H.265/HEVC, VP9, AV1, MPEG-2, and many others.	HDR10, HLG, Dolby Vision

Whether you have 10 or 10,000 channels, contact us to find out about SSIMPLUS® VOD Monitor.

72nd Technology and Engineering Emmy® Award Winner

67th Primetime Engineering Emmy® Award Winner

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