SSIMWAVE ® **ZIXI**

SSIMWAVE INTEGRATES ZIXI

SSIMPLUS Live Monitor can now measure and provide real-time live video end-to-end video QA for Zixi feeds.

INTEGRATION HIGHLIGHTS

- SSIMPLUS based Video Experience metrics available in Zixi's platform
- Reliable transport from on-prem to cloud platforms
- Reliability with hitless failover to maximize video experience
- Automated decision making for maximizing Video Experience with Zixi's ZEN Master

SSIMPLUS Live Monitor is a unified end-to-end system that analyzes and informs video quality evaluation at scale using automation.

Live Monitor ensures a consistent viewer experience. Live Monitor enables you to deliver consistently better video experiences without increasing your operational costs or introducing unwanted technical complexity. It provides a complete solution to Quality of Delivery, Viewer Experience, and Compliance Monitoring.
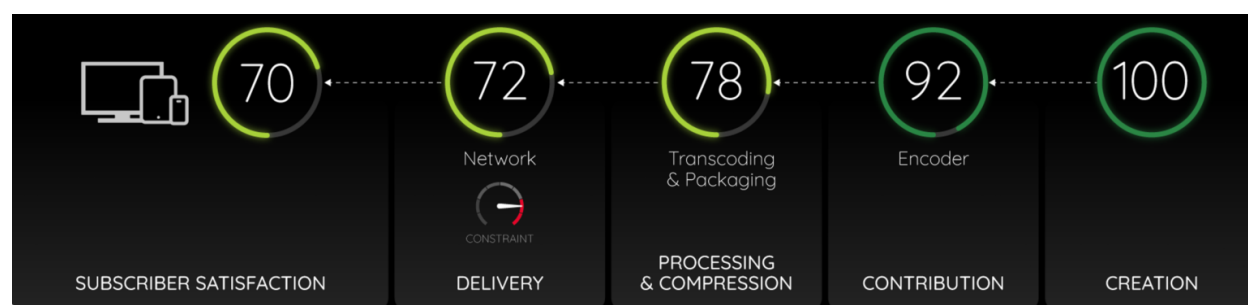
With native support for Zixi, SSIMPLUS Live Monitor can now be leveraged to generate real-time video quality performance data for Zixi cloud contribution and distribution feeds.

Using SSIMPLUS Live Monitor with Zixi, you can now:

- Get detailed Quality Assurance of Zixi sources after transporting them to a cloud platform
- Root causing any issues with sources by comparing the performance of "on-prem" sources with the ones transported to cloud platform(s)
- Tracing video experience across multiple workflows spanning on-prem workflow, transport to cloud platform(s), and cloud-based processing

SSIMPLUS Live Monitor Includes Premium Analysis Functions for all Zixi Feeds

- Optimized Alerts: Live Monitor aggregates and correlates alerts across streams, locations, paths, and monitoring points into one single alert to unburden NOC/OPS teams
- The most accurate perceptual quality metric: Live Monitor processes each pixel for accurate perceptual quality assessment.
- Root cause delineation: Live Monitor offers single pane correlated view between multiple streams, monitoring points, and redundancy paths to identify the cause.
- Scale of impact & fault localization: Live Monitor offers operational and alerting intelligence that quickly helps identify the scale of impact on customers.
- Super search (search and sort): Live Monitor has the most flexible search engine that allows users to find information with the least number of clicks.
- Latency between monitoring points: Live Monitor computes latency across any two points in a delivery chain.
- Audio/video lip sync: Live Monitor detects video lip sync issues.
- Uniform viewer score at all stages: Live Monitor is the only tool in the industry that provides uniform scoring for any device, network, and stage across a content delivery chain.

Zixi Software Defined Video Platform (SDVP) Securely Delivers Pristine Quality Video Over Any Network

With native orchestration of the industry leading Zixi protocol and support, the **Zixi SDVP** is the only solution that can provide five nines IP Transport availability utilizing patent pending sequenced and bonded hitless failover over mixed IP networks such as internet, fiber, satellite and cellular.

KEY ZIXI BENEFITS

- **Reliability** – Contribute source streams with 99.999+% broadcast reliability; hitless failover provides redundant transmission options for higher reliability and disaster recovery
- **Low Latency** – With network adaptive Forward Error Correction and recovery, proven sub 1 second live linear latency
- **Security** – Zixi provides best-in-class security enhanced with DTLS and AES standards-based protection
- **Interoperability** – Zixi is compatible with the largest ecosystem of encoding devices and contribution sources
- **Centralized Management** – ZEN Master can provide a centralized view of the entire Zixi-enabled contribution and distribution network
- **Agile Deployment** – Dynamically scale out video routes and infrastructure, on-prem or in the cloud, in minutes with live orchestration in Zixi ZEN Master

To orchestrate, monitor and manage live streams at scale, **SSIMWAVE** users can now choose to leverage **ZEN Master**, Zixi's cloud-based control plane that allows for the simple configuration, orchestration and monitoring of the devices, sources and destination streams that are part of the video transport network.

The **Zixi Protocol** is a resilient congestion and network-aware protocol that adjusts to varying network conditions and employs patented, dynamic Forward Error Correction techniques for error-free video transport over IP with 99.999+% uptime at minimal latency. With minimum overhead to physical bandwidth, the Zixi protocol removes jitter, recovers and re-orders packets, smooths video delivery enabling the streaming of broadcast-quality video over any distance, while overcoming the varying network conditions of unmanaged networks.

Zixi's **Video Solutions Stack** provides essential software tools and core media processing functions that allow for transcoding, auto-slating and time-shifting over multiple transmission paths and bitrate adaptation to ensure reliability over any IP network and any protocol.

The **Zixi SDVP** is the leading solution for managing all facets of IP video delivery, reliably delivering over 20,000 live channels of the world's most valuable content everyday. Now SSIMWAVE users can leverage that proven technology within their monitored environments, bringing increased video performance, dynamic scale and channel agility with the enhanced visibility that operations teams require.

ABOUT ZIXI

Zixi provides a cloud based and on-premise Software-Defined Video Platform that enables reliable broadcast-quality video delivery over any IP network, any protocol, any cloud provider and any edge device. Over 10+ years, the Zixi Enabled Network (ZEN) of partners has grown to over 200 OEM and service providers with whom Zixi serves well over 700 customers representing most of the top media brands around the world with 10,000+ channels delivered daily.

URL: https://zixi.com

Contact: sales@zixi.com

ABOUT SSIMWAVE

SSIMWAVE solutions automate video experience for live and file workflows that serve hundreds of millions of viewers across billions of viewing hours and thousands of live channels. Powered by the two-time Emmy-awarded SSIMPLUS quality metric, the SSIMWAVE Video Experience Automation Platform connects to any workflow and operationalizes viewer experience data to remove the guesswork and inconsistency from manual video assurance processes. SSIMWAVE was founded in 2013, and we are located in Waterloo, Canada where we serve customers all over the world.

URL: https://www.ssimwave.com/

Contact: info@ssimwave.com