Software Based Compliance and Monitoring Solution Vela Integrates Zixi

MONITOR, LOG, RECORD AND ANALYZE CONTENT LEVERAGING ZIXI ENABLED NETWORK

HIGHLIGHTS

VELA SOFTWARE SYSTEMS NATIVELY INTEGRATES ZIXI SOFTWARE DEFINED VIDEO PLATFORM

KEY FEATURES
Monitor • Log • Alert • Compare • Verify • Transcode • Record • Analyze • Report

- Comprehensive Monitoring of Audio, Video and Data
- Extraction & Logging
- Transcode & Capture/Recording
- Flexible Monitoring
- Live Editor
- Loudness & Closed Captioning Compliance
- Verification of Metadata Incl. SCTE & Digital Ad Triggers
- Dashboards for Aggregated Monitoring at All Probe Points
- Customizable Multiviewers
- Multi-Input Support
- Automatic Alerts
- Custom Report Creation
- Transport Stream Monitoring
- Digital Trigger Monitoring
- Monitor Ad Blocks to Ensure Integrity
- AsRun, Playlist & Ratings Integration
- Software Runs on Bare Metal, Cloud & Hybrid
- Integrated Enterprise-Wide, Single Pane of Glass Oversight

COMPLIANCE AND MONITORING SOLUTION FOR EVERY BROADCAST STREAM

Vela's software solution is designed to ensure regulatory compliance, quality control, and operational efficiency for broadcast, streaming, xVOD, cable, satellite and other media distribution companies. Real-time monitoring, logging, and verification of audio, video, and metadata are provided to enable operators meet standards such as Closed Captioning and Loudness, while issues like signal loss or improper ad placements are detected. Monitoring is centralized across departments— engineering, operations, and advertising—so that relevant data for content verification, and ad performance tracking can be accessed without interference. Multi-platform streams are supported, and integration with AsRun logs, playlists, and ratings systems is enabled, allowing workflows to be streamlined and compliance ensured across traditional broadcast and digital platforms.

Vela offers a comprehensive, feature-rich and highly customizable set of dashboards and multiviewers. The Dashboards enable operators and other client stakeholders to oversee all of their streams irrespective of stream type, video format, and where they are monitored, in a single, extremely agile module. For example, a client can view their own (as well as those of competitors and other providers) at source, at hand-offs to vMVPDs and CDNs, and at the edge. The result is a set of intuitive tools that can enable clients to continually monitor, log, view, verify, alert/alarm, analyze, report on, and record (or record-on-exception) the entire ecosystem of streams at all points of interest. They enable operators to quickly detect, be notified upon, isolate and diagnose issues at all points in the distribution path.

The suite of multiviewers enable a highly customizable set of viewing options that are customizable for each individual stakeholder within an organization. These include penalty boxes for view-on-exception, to dynamic, channel-cycling multiviewing with varying priority levels for different streams or monitoring points. The PIPs and layout can be individually sized and configured within each multiviewer to meet the individual user's or user group's needs. They allow recorded streams as well as live ones to be displayed on the same screen. Working together, the Vela Dashboards and Multiviewers represent powerful and highly granular tools for operators to oversee their streams, identify, isolate, diagnose, analyze, report on, and address issues.

Primary use cases include ensuring regulatory compliance and maintaining QA and QoS of the programming by monitoring at the source, during distribution, in the cloud, at partner handoff points, and at edge locations. Additionally, clients use the solutions to create and export clips, to provide proof of compliance to regulators, management and operators, and proof of playout to advertisers. Ad-driven media companies can monitor and analyze ads and advertisers on competitor channels, synthesize the metadata from the monitoring process, and generate valuable insights that enable clients to compete more effectively for advertising spend, increased ad revenue, and to grow market share.
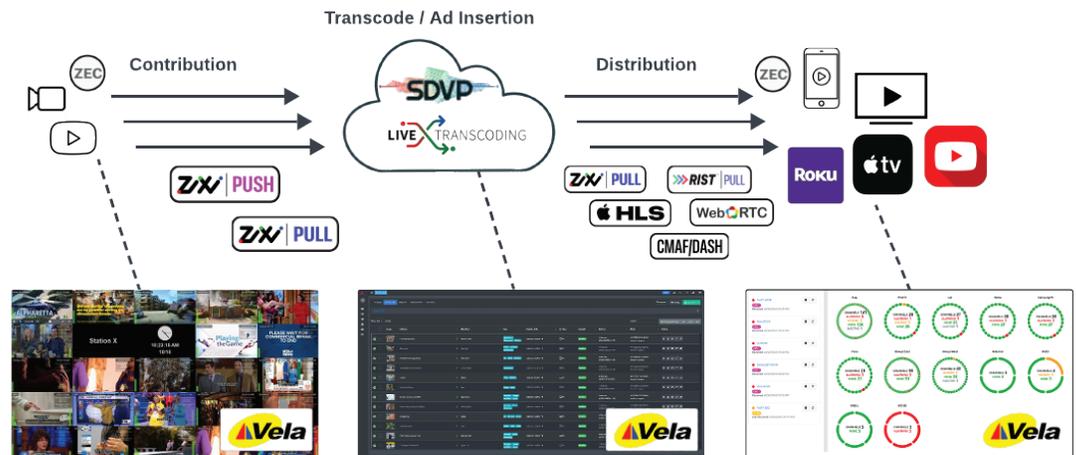
HIGHLIGHTS

CUSTOMERS

- Broadcast, Cable, and Satellite Television Providers
- Streaming
- xVOD
- Live Sports & News
- Content Creation, Syndication, and Distribution Companies
- PBS Stations
- Enterprises
- Ad Agencies (to monitor/log/record their clients' or their competitors' ads in specific markets)

VELA'S POWERFUL SOFTWARE SOLUTION LEVERAGES ZIXI ENABLED NETWORK FOR A GLOBAL REACH

Vela software solutions can now received Zixi streams natively into the platform without the need for any external conversion or gateway; significantly reducing complexity and enabling seamless workflows. Vela's integration of Zixi into its platform enables content creators and distributors to leverage Zixi's industry-leading video over IP technology, trusted by over 1,000 media customers in more than 100 countries, to deliver and contribute video globally via the cloud. The integration offers several key benefits, including:

- **Bonded Delivery:** Combines 5G, LTE, Leased Lines, and Unmanaged Internet to dynamically adjust for fluctuating bandwidth, network congestion, packet loss, and latency differences.

- **Network Efficiency**
  Reduces egress costs up to 30% - 50% when compared to other protocols

- **Connection Validation**
  Industry leading security including DTLS connection security and content encryption

- **Sequenced Hitless Failover**
  An improvement on SMPTE 2022-7, applies Zixi optimized alignment algorithms to re-create a single coherent uninterrupted stream out of multiple stream fragments

- **Reliability**
  Enhanced stream resilience with congestion aware routing and patented dynamic forward error correction (FEC)

- **Quality Optimized Delivery:** Quality optimized delivery with content aware bandwidth shaping

ABOUT VELA

Vela is a 27 year-old Emmy award winning company that is the largest US-based provider of compliance monitoring solutions. Vela's solutions are driving workflows in over half the major television station groups in the US, at over 600 stations, at most of the major content creators, and all the major cable MSOs.
www.vela.com

ABOUT ZIXI

Zixi provides the cloud based and on-premises Software-Defined Video Platform (SDVP®) that enables reliable broadcast-quality video delivery over any IP network, any protocol, any cloud provider and any edge device. The company offers technologies for broadcasters, enterprises, over-the-top video providers, sports leagues, service providers, cable operators and Telcos around the world, giving them the lowest TCO in the industry. Many of Zixi's clients are delivering and managing thousands of streams, and there is no other alternative in the market that can provide 99.999%+ reliability at scale. Zixi simplifies building and managing congestion-aware live video routes on any network, with support for 18-protocols across any operating environment, with products that are purpose built to provide market leading performance, universal interoperability and an operational control plane that simplifies management and orchestration at scale. With 15+ years of innovation and expertise, the Zixi Enabled Network has grown to over 1400+ media customers and 400+ OEM and service providers that deliver 20,000+ channels daily, with 110,000+ deployed instances in over 120 countries, gathering over 9 billion data points a day while delivering over +1M live sporting events a year. This powerful ecosystem of the largest media organizations in the world exchanging live video allows for the creation and acceleration of new content acquisition, business models, and opportunities to reduce cost and generate revenue.

www.zixi.com | sales@zixi.com