

# CREATE & DELIVER RELIABLE CHANNELS IN THE CLOUD

LEVERAGE VESET AND ZIXI'S INTEGRATED OFFERING FOR SMARTER, FASTER, COST-EFFECTIVE TV PAYOUT CONTRIBUTION AND DELIVERY

## AT A GLANCE

### VESET SOLUTIONS WITH ZIXI INTEGRATION

- **Veset Nimbus** – An all-in-one enterprise grade cloud playout software-as-a-service solution that allows content owners to create and manage professional linear TV channels using cloud infrastructure
- **Veset Stratus** – An easy-to-use web application for creating, scheduling and managing live TV channels

### VESET KEY FEATURES

All the necessary functionality required to create and deliver live TV channels in the cloud:

- Self-service SaaS systems that leverage cloud infrastructure and provide a high-quality user experience
- Web-based UI provides ease of access from any location
- Playlist management and scheduling functionality
- Graphics and SCTE-35 support for live and VOD content
- Easy to implement – No internal or outsourced engineering support required
- Flexible payment structure (pay per minute, hour, month, year of use)

Faced with increasing market disruption, content owners are moving towards fully IP-reliant linear TV origination and distribution to maximize broadcast infrastructure efficiency, flexibility, and costs savings. Using IP-based pathways for contribution and distribution also allows content owners to more easily distribute high quality content reliably, and in more formats to both traditional and digital platforms and services.

Veset is a self-service SaaS platform that provides broadcasters and content owners a scalable and cost-effective way to create, manage, and distribute live and live linear TV channels over IP networks without the need to invest in new hardware or long-term service contracts. Zixi has been an integral part of the platform's delivery and distribution capability ever since it was natively developed for the cloud and launched in 2015. With Veset's cloud playout platform and Zixi's ability to ensure broadcast-quality, reliable delivery over any IP network, broadcasters can smoothly move off hardware-based infrastructure and seamlessly adopt a cloud-based delivery solution designed for the future of media distribution.

## A SELF-SERVICE, CLOUD-BASED SOLUTION FOR ECONOMICAL LIVE LINEAR CHANNEL MANAGEMENT

With Veset and Zixi's integrated offering, media content owners and service providers can create professional linear TV channels and deliver them to any television distribution platform from OTT to satellite. With Veset's self-service and all-in-one playout, broadcasters both large and small can easily stand up and manage live TV channels quickly and economically using adaptable cloud-infrastructure.

**Veset Nimbus** is an enterprise grade cloud playout platform that allows media companies to create and manage complex linear TV channels. This all-in-one advanced linear TV channel management system features a web-based interface and sophisticated feature sets including multiple live input support, graphics, multiple audio tracks, subtitles, and more.

**Veset Stratus**, an easy-to-use all-in-one web app for creating live (linear) TV channels, allows video content owners a hassle-free way to schedule and manage 24/7 or pop-up channels. Using Veset Stratus, users can combine live and pre-recorded (VOD) content with live broadcast graphics into a single, high-quality IP stream ready for distribution to any delivery target.

Each Veset solution features a web-based UI, playlist management and a scheduling functionality, graphics and SCTE-35 support that enables users to produce professional live video experiences for both traditional and OTT distribution. Veset offers maximum flexibility to customers, offering subscriptions to the SaaS platform on an annual, monthly or even hourly basis, and can choose to activate Zixi through a license to deliver feeds using any IP network cost-effectively with broadcast-quality reliability.

# EFFICIENT BROADCAST-QUALITY DELIVERY OVER ANY IP NETWORK

## KEY ZIXI BENEFITS

- **Reliability** – Contribute source streams with 99.9999+% 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

## ABOUT VESET

Veset develops and markets a pioneering software-as-a-service linear television management platform for media-content owners and service providers. Founded in 2011 Veset is focused on delivering a new generation of professional solutions for linear/live channels. Veset's pay-as-you-go, self-service and all-in-one playout provides broadcasters with a quick, efficient and economical way of managing linear/live TV channels. Visit <https://www.veset.tv/>

Contact: [presales@veset.tv](mailto:presales@veset.tv)

## ABOUT ZIXI

Zixi provides a cloud based and on-premise software platform enabling the management, orchestration, monitoring, and delivery of broadcast-quality live and live linear video over managed and unmanaged IP networks to broadcasters, enterprises, over-the-top video providers, and mobile service providers around the world. Over 10+ years, the Zixi Enabled Network of partners has grown to over 250 OEM and service providers with whom Zixi serves well over 700 media customers around the world with 20,000+ channels delivered daily.

Contact: [sales@zixi.com](mailto:sales@zixi.com)



## END-TO-END PROTECTED CONTRIBUTION AND DISTRIBUTION LEVERAGING ZIXI

With the industry leading **Zixi protocol**, the Software-Defined Video Platform is the only solution that can provide five and six nines availability utilizing patent pending sequenced hitless and bonded hitless failover over mixed IP networks such as internet, fiber, satellite and cellular.

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 99.9999+% 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.

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

## QUICKLY GAIN WORKFLOW FLEXIBILITY & AGILITY

Veset users can set up a connection or transport using Zixi in a matter of minutes with minimal staff vs. the hours and extensive teams needed to supervise more traditional infrastructure such as fiber or satellite. This cloud-based joint solution enables content owners to seamlessly launch, modify, or shut down a channel as needed, with broadcast-quality delivery to a variety of distribution endpoints.

Using Veset and Zixi, customers can meet the high uptimes and reliability demands of live television, through a cost-efficiently flexible software-defined solution that makes it easy to enable new revenue sources and conduct cost-effective content exchange.