

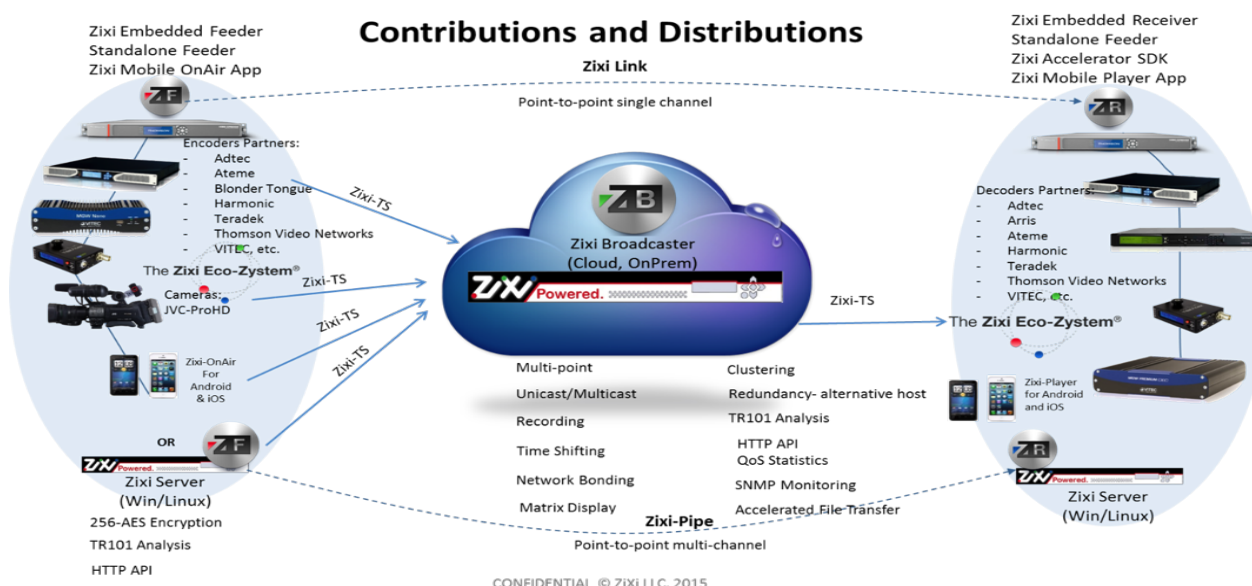
## OUTDOOR SPORT CHANNEL® (OSC)

Outdoor Sport Channel® – the Global Outdoor Sports Television® broadcast in true HD format and it's distributed with the latest technology from our company play-out centres.

OSC is providing a highly available and robust play-out infrastructure as a managed service as a complete, solid and fully automated end-to-end broadcast transmission. OSC shall lease the tailored Payout solution either at our European Center or directly with UAE Team which provides a full support in your native language. The service is accompanied by compression head-end and distribution of Outdoor Sport Channel® over fibre, via secured and resilient terrestrial network – Public IP, over satellite uplink to preferred satellite operator. OSC ensure that the channel is transmitted and delivered to every operator an error free 24/7 transmission.

### Outdoor Sport Channel® contribution & distribution

OSC makes the Internet work for live broadcast quality video with Zixi powers cloud infrastructures and transforms the Internet and other unmanaged IP connections into broadcast-quality, global delivery networks for live video. OSC,s software dynamically resolves inherent limitations of the Internet to enable low latency live video of unprecedented quality regardless of network conditions with the reliability, security, and flexibility required in today's dynamic global television industry. OSC,s cloud software provides core media processing functions and the on-ramp to third party clouds, allowing Zixi's partners to transition from capital intensive, rigid broadcasting environments to new, dynamic, virtualized, and cost effective operations.



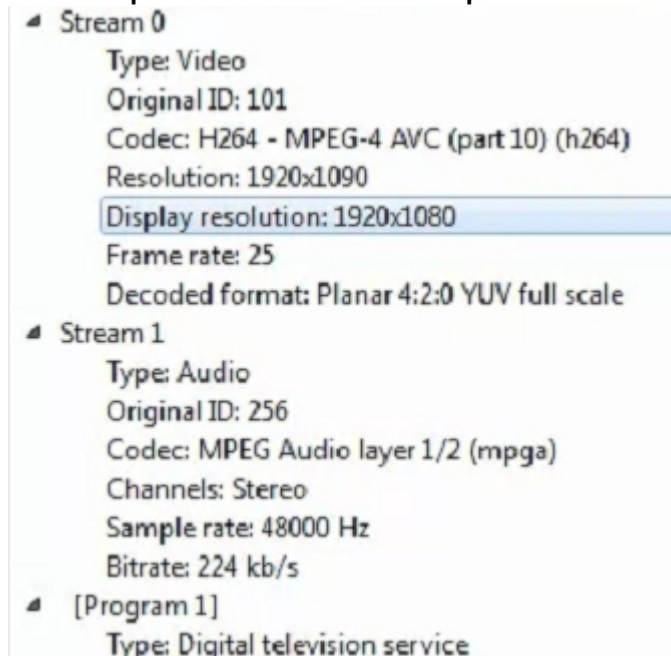
### Zixi Broadcaster Features:

- MPEG-TS over UDP/RTP, RTMP and TS file outputs
- Output to compatible ASI cards
- File output segmentable by user-selected time interval
- Re-multiplex output streams to strict CBR for extensive compatibility with Integrated Receiver- decoders (IRDs)
- Zixi video bandwidth optimization and video-centric + network-aware hybrid, proprietary

Zixi-FEC error correction + Zixi-ARQ packet loss recovery for QoS-protected broadcast video delivery over standard broadband Internet connections.

- Unicast, multiple unicast and multicast inputs and outputs
- Network bonding from source Zixi Feeder SDK/applications
- AES encryption (selectable up to 256-bit)

#### Outdoor sport channel® TV network specs



#### Outdoor sport channel® feed delivery by Zixi

In order to receive protected distributions signal according to your requirement of stream format and bandwidth from a Zixi Broadcaster, Zixi-enabled Edge points need to be deployed at the encoded video receive locations. In most cases Operators already have some of world leading IRD/decoders in place with an Integrated Zixi Receiver as.

- Adtec – RD 71
- ATEME – DR 5000
- Drake – ND-24-IP
- Harmonic – Proview 8100
- Thomson Video Networks – CP 6000
- VITEC – MGW Premium and ACE
- NetInsight Nimbra VA210/220

For these IRD's operators do not require any additional hardware as Licensees of the Zixi Broadcaster Platform receive Zixi Receiver software applications, SDKs and licenses at no additional charge.

To ease and provide more flexibility to the operators the OSC signal can be very easily received by any server with minimum following specifications.



- Processor Family: Intel i5 CPU
- Intel Smart Cache: 6MB
- Number of Processors: One (4 cores, 4 threads)
- RAM: 4GB
- Network Controller: 2x Gigabit Ethernet, 1000BASE-T, RJ45
- HDD: 1x500GB SATA3 6Gb/ps

The Receiver by OSC (if required) receives and processes single or multiple Zixi transport streams over the internet from a Zixi Broadcaster. The Receiver will output, to the local decoder/IRD, receiver or media platform, a standard UDP or RTP (with or without SMPTE 2022 FEC), ASI (if appropriate card is installed) including re-mux options for CBR or TS File.

We are convinced that OSC shall find the best transmission solution of Outdoor Sport Channel® via Zixi, Satellites, Fibre, CDN or by IP.

For technical inquiries, please contact [network-operation-center\(at\)outdoorsportchanneltv.com](mailto:network-operation-center(at)outdoorsportchanneltv.com)

