



**STREAM  
LABS**

workflow  
mastery

➤ Broadcast teams

➤ Live production

➤ OB Trucks

Multi-signal multiviewer  
for live operations and distributed teams

ST 2110

SDI

Mosaic

Low latency

PIP-Sharing



**MultiProbe  
View**



# Application Areas



**MultiProbe View** is an ultra-low latency multiviewer and monitoring platform built for studios and live operations teams. Designed for the pace of live production, it gives operators a single unified view of every signal that matters (tally, UMD, camera signal loss, loudness, and timecode) with instant alerts when something goes wrong. Whether you are running a control room or an OB setup, your team stays in sync and on air.

## Key Benefits



### See everything, miss nothing

Tally, UMD, loudness, timecode, and camera signal status: all in one view, with instant alerts

### Ultra-low latency mosaic sharing

Any mosaic shared via NDI or ST 2110 with under 3 frames of latency

### Built for how your team works

Role-based desktops so every operator sees exactly what they need for their shift

### One platform, every signal type

SDI, ST 2110, NDI, IP: monitored and visualized without additional tools

## Key Features

Ultra-low latency multiviewer with customizable mosaic layouts

Tally and UMD support via TSL protocol

Camera signal loss, frozen and black screen detection

Loudness monitoring per EBU R-128

Timecode, sync and video format verification

Chroma key monitoring

Mosaic sharing via NDI, ST 2110, HLS, or UDP

Device health monitoring via SNMP and API

# Highlights

**Multiviewer latency:** under 3 frames

**Metrics per probe:** 300+

**Full support** of uncompressed video formats, including ST 2022-6/7, ST 2110, and SDI

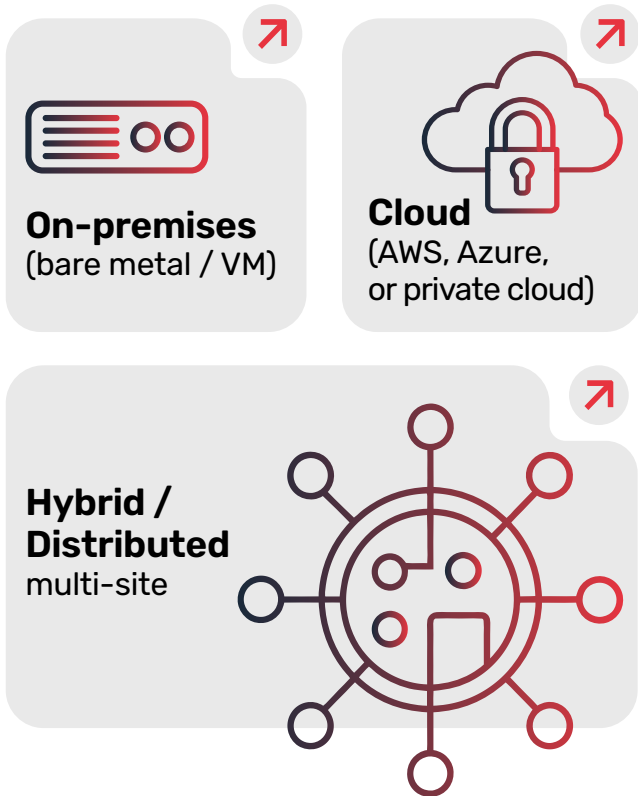
**Mosaic output:** ST 2110, NDI, HLS, MPEG-TS/UDP

**PIP sharing:** ST 2110, NDI

**Color depth:** YUV 4:2:2 10-bit, SDR/HDR

**Lossless mosaic output support** (no re-encoding, no compression)

# Deployment Options



# Architecture

**Inputs:** Ethernet, SDI/ASI card and tuner card

**Outputs display:** HDMI, DVI



# Specifications

## Interfaces & Protocols

**SDI:** UHD/3G/HD/SD-SDI

**IP:** ST 2110, ST 2022-6/7, NDI, MPEG-TS UDP/RTP, SRT, RTSP/RTMP, HLS, MPEG-DASH, HDMI/CVBS, T2-MI

**Standards:** DVB-ASI, DVB-T/T2, DVB-S/S2, DVB-C/C2, T2-MI

## Video & Audio

**Video codecs:** MPEG-1, MPEG-2, MPEG-4.2, H.264, H.265 (HEVC), JPEG 2000

**Color resolution:** SDR/HDR

**Chroma subsampling:** YUV 4:2:0, YUV 4:2:2, YUV 4:2:2 10-bit

**Audio codecs:** MPEG-1 Layer II, AC-3, AAC/ADTS/ADIF, SMPTE 302M

## Monitoring & Probing

**Transport:** TR 101 290, Bitrates/PID control, RFC 4445

**Video:** Frozen/Black screen, Artifact/Blocking AI-analysis

**Audio:** Overload/Silence, EBU R-128 Loudness

**Metadata:** SCTE-104/35, EPG/EIT, Teletext, Subtitles (DVB, OP-42/47), Tally, UMD, Timecode

**Equipment status display**

## Multiviewer

**Latency:** under 3 frames

**Mosaic outputs:** NDI, ST 2110, HLS, MPEG-TS/UDP

**Inputs per mosaic:** 300+

**Mosaic sharing:** remote via HLS or full-resolution stream

**PIP sharing:** ST 2110, NDI

**Layout:** fully customizable, role-based profiles

**Tally/UMD:** TSL protocol, per tile

**On-screen clocks and countdown timers**

## Platform

**Deployment:** on-premises (bare metal / VM), cloud (AWS, Azure), hybrid

**Support** for clustered databases

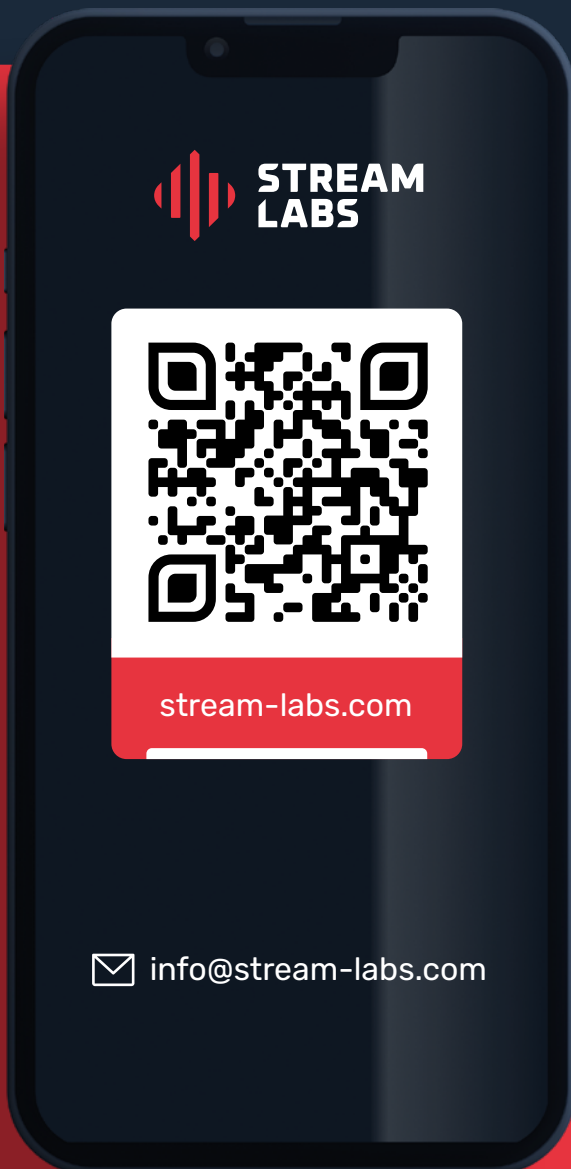
**Resilience:** redundancy and auto backup configs


**Web UI client**

**Max probes per system:** up to 256

**Streams per probe:** 300+

# Playout, Broadcast Monitoring, MAM & Signal Processing



 Ensure your  
network integrity  
and uptime!