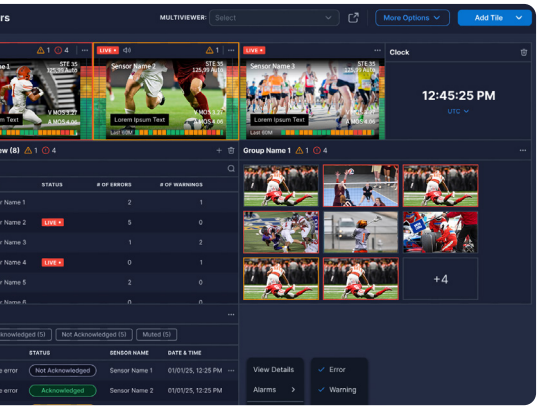
UP.Lens: Real-Time Confidence for Cloud Contribution

Cloud-based multiviewer monitoring with automated alarms—ensuring real-time visibility and intelligent alerts across live workflows



What is UP.Lens?

Telestream UP.Lens is the industry's first cloud-native live video monitoring and observability service. It uniquely combines the visual certainty of a broadcast-grade multiviewer with deep, time-correlated historical analytics. UP.Lens scales effortlessly to monitor anywhere from 10 to over 300 simultaneous contribution feeds, making it *the* tool for modern live video operations.

The Challenge: The Observability Gap

As live program production shifts from centralized, on-premise facilities to distributed cloud networks, teams are losing the physical and visual confidence they once had.

- **Diverse and Unpredictable Signal Paths:** Ground-to-cloud routes are subject to unpredictable jitter, packet loss, and latency spikes that are difficult to diagnose.
- **The "Log File" Trap:** Operators are forced to rely on abstract IT metrics and dry log files, leaving them to infer impact instead of directly verifying it.
- **The Blind Handoff:** It is increasingly difficult to pinpoint whether a feed failure originated at the source camera, the network, or the cloud ingress.
- **Compliance and Monetization Risks:** Live broadcast depend on precise signaling and regulatory compliance. Without forensic visibility, these issues often go undetected.
- **The "Break/Fix" Panic:** Without historical context, every impairment turns into a new emergency, forcing teams to firefight issues after their impacts have already been felt.

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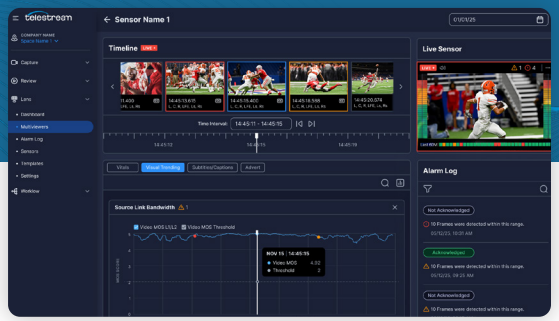

The Solution: Eliminate the Blind Spot

- Restores the “visual truth” of the traditional Master Control Room.
- Serves as a bridge between legacy broadcast experiences and modern cloud-native realities.
- Empowers organizations to transition away from reactive firefighting toward a proactive operating model.
- Leverages the massive analytical scale of the cloud.
- Fuses real-time visibility with deep analytics.
- Allows teams to recognize subtle performance degradations and address them before they can have an impact.

Main Benefits

Faster Incident Resolution

Reduces Mean Time to Resolution (MTTR) by allowing teams to correlate visual failures with underlying metrics in seconds, closing incidents in minutes.

Revenue & Compliance Protection

Validates ad triggers and captioning in real time.

Early Degradation Detection

Identifies network impairments and subtle issues before they escalate into highly visible on-air outages.

Elastic, Event-Driven Scale

Pay-for-what-you-use economics allow you to scale monitoring across multiple feeds instantly.

Core Features

‘Eyes-on-Glass’ Confidence Multiviewer

An instant-on, low-latency multiviewer that lets operators see and hear every live cloud feed—including video, audio, and captions.

Troubleshooting Time-Machine

UP.Lens maintains a continuously indexed history of your signals.

Cloud-Native Architecture

UP.Lens features flexible sensor deployment and fast spin-up times.

Compliance & Ad Monetization Validation

Native, real-time tracking of SCTE-35 ad triggers and closed captioning integrity.

Learn more about UP.Lens:
telestream.com/up-lens

Ready to bring confidence to cloud productions?
Contact us at telestream.com/contact-us

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