Telestream

What's New

Smarter, Friction-Free, and Scalable Media Operations

Telestream innovations powering automation, intelligence, and visibility across today's evolving media workflows

The M&E industry is facing new pressures to support remote collaboration, adapt to IP and cloud-native infrastructure, and accelerate turnaround across an expanding set of formats and platforms. Telestream is showcasing a unified strategy focused on real-world transformation—introducing embedded AI, intelligent ingest, open ecosystem orchestration, and end-to-end quality assurance that help media organizations move faster, operate smarter, and scale confidently across hybrid environments.

Telestream's Strategic Focus

- **Smarter Automation with Embedded AI**
  Vantage AI delivers context-aware intelligence for captioning/subtitle, QC, metadata enrichment, and workflow design.
- **Global Ingest Workflows**
  A single pipeline to acquire and prepare media from live, file-based, and camera card sources—optimized for speed and metadata readiness.
- **Vantage Ecosystem and Capabilities**
  Seamless integration with leading editorial, MAM, archive, and AI tools enables more connected, automated, and scalable operations.
- **Flexible Deployment for Any Workflow**
  Cloud-native, on-prem, and hybrid options ensure customers can scale intelligently—without vendor lock-in.
- **Ensuring Quality with Mission-Critical Measurement Tools**
  ARGUS, PRISM, and SPG9000 provide real-time visibility, diagnostics, and compliance across live, IP, and OTT workflows.

Workflow Updates

Telestream is showcasing innovations across four key areas of workflow transformation—designed to drive speed, intelligence, and interoperability at scale.

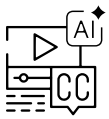
From Automation to Intelligence with Vantage AI



Telestream's unified AI platform brings practical intelligence to media workflows by embedding AI directly within Vantage and other core systems. Unlike standalone services that generate generic metadata, Vantage AI produces actionable, workflow-aware insights that drive automation, quality, and discoverability across the content lifecycle.

Modular AI capabilities include:

- **AI-Caption**
  Generates multi-language subtitles automatically.



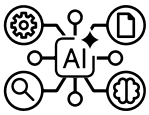
- **AI-Speech**
  Delivers transcripts, summaries, and profanity detection.



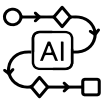
- **AI-Qualify**
  Checks lip sync, subtitle overlap, and language accuracy.



- **AI-Vision**
  Detects logos, scene transitions, and ad-safe zones (coming soon).



- **AI-Workflow**
  Enables natural language-driven workflow design.



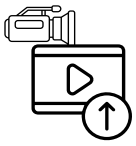
Vantage AI runs securely on-premises or in trusted environments—ensuring no media is used for AI model training. It integrates deeply across the Telestream stack, including Vantage, Qualify, and DIVA, enabling real-time metadata enrichment, visual compliance checks, and faster editorial search. The result: intelligence that adapts to real operational needs, not just static tags.

Global Ingest Across the Supply Chain

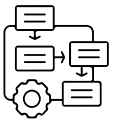
Telestream's Global Ingest strategy brings live, camera card, and file-based acquisition into a single, intelligent pipeline—built for fast-paced production and metadata-rich delivery. Structured metadata is embedded at the point of ingest, enabling immediate automation and eliminating the delays and limitations of vendor lock-in.

Core Capabilities include:

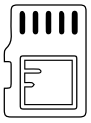
- **Live Capture**
  High-throughput ingest engine supporting ST 2110, SDI, SRT, and NDI, with up to 16 channels per RU and Edit@Home and live subclipping support.



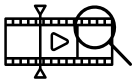
- **Live Schedule PRO 2.0**
  HA-ready, enterprise-grade scheduler with clustering and automation, ideal for 24/7 news and sports workflows.



- **Camera Card Ingest**
  Accelerates delivery with enhanced metadata, multi-destination handoffs, and streamlined UX for fast turnaround.



- **Review**
  Enables proxy-less, 10-bit playback with scopes and annotation tools, supporting cloud and remote editorial workflows.



Built for on-prem, hybrid, and cloud environments, Global Ingest interoperates seamlessly with MAM, archive, and editing platforms, speeding time to edit while maintaining consistency across production models.


On-Prem


Hybrid


Cloud

Vantage Ecosystem: Open, Scalable, Interoperable

Vantage sits at the center of a growing partner ecosystem that simplifies end-to-end orchestration, from ingest to delivery. Telestream is highlighting integrations that empower distributed teams, connect editorial and archive systems, and automate complex workflows without code.

Key integration areas include:

- **MAM & Editing (Avid + Adobe)**
  Edit While Ingest workflows with preserved metadata for seamless handoffs.

- **Cloud-Native Media Management (Mimir + Iconik)**
  Auto-ingest, QC, and searchable metadata for real-time collaboration in hybrid environments.

- **Workflow Orchestration (Embrace)**
  Visual, no-code orchestration for ingest, QC, and delivery workflows with conditional logic and manual approvals.

- **Live Logging (Broadteam Skylog)**
  Enables real-time highlight creation with AI-assisted metadata tagging and operator keyboard shortcuts.

Together, these integrations provide a flexible yet tightly connected workflow fabric—enabling fast-turn production with fewer manual handoffs and greater confidence in output.

Flexible Deployment, Built for Scale

Whether operating on-prem, in the cloud, or in a hybrid model, Telestream provides flexible deployment options tailored to operational and economic needs. Vantage can be deployed on GPU-accelerated appliances for high-performance workflows, or as software-only editions—making enterprise-grade tools accessible to smaller teams. For cloud deployments, two options are available. One is Vantage Cloud - a flexible deployment of the Vantage engine with elastic licensing. The second option is an API-based media processing service through Vantage Gateway. These options provide scalable, cloud-enabled solutions for a wide variety of media use cases.

Measurement Updates

As live, IP, and cloud-based media operations become more distributed and dynamic, Telestream continues to lead the industry with precision monitoring, timing, and diagnostics. We're introducing expanded capabilities across four critical areas—ensuring quality, reducing downtime, and increasing confidence at every stage of the signal chain.

Live, Remote, & IP Contribution Monitoring

ARGUS now supports Play Live for real-time video quality monitoring and rapid fault identification, reducing troubleshooting time across live workflows. Telestream offers affordable SRT monitoring ideal for IP-based contribution in sports, news, and event production. MOS scoring, powered by machine learning, detects pixelation, encoder issues, and other impairments—with expanded support for HEVC profiles.

Studio, Post & HDR Workflows

PRISM now features integrated 3D LUTs for seamless SDR/HDR monitoring without external hardware, tailored for live, studio, and post environments. Its patented HDR toolset includes luma qualified CIE charts and banded false color modes to ensure color accuracy and exposure compliance. For IP workflows, PRISM offers deep ST 2110 confidence monitoring, including JPEG XS support, and integrates with INSPECT for high-density monitoring with seamless escalation to packet-level diagnostics.

Multi-Network Distribution Monitoring

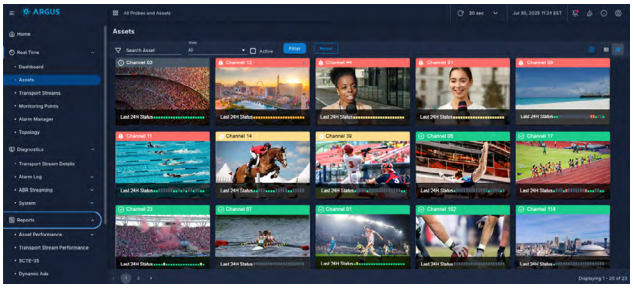
The ARGUS platform delivers unified monitoring across OTT, cable, satellite, IPTV, and OTA through a single, cloud-ready dashboard. It supports flexible deployment—on-premises, virtual, or cloud—and integrates a comprehensive probe portfolio for ABR, transport streams, and DAA networks. ARGUS consolidates these inputs to streamline analysis, accelerate troubleshooting, and provide complete visibility across the distribution chain.

AI-Powered Video Quality Analysis

Telestream's MOS engine uses high-dimensional machine learning to automatically detect video issues like pixelation, sync errors, and encoder faults—without subjective testing. With enhanced HEVC profile support it delivers scalable, automated QC for both live and file-based workflows.

Signal Sync & Timing with SPG9000

The SPG9000 clock and signal generator supports four-port PTP redundancy for precise time sync in IP and SDI workflows. It includes ancillary data support for ST 2110-40 and SDI, with broad format coverage to ensure reliable signal timing across hybrid production environments.



ARGUS



PRISM