



EDC Media Analyzer

Turning Content Analysis
into Automated Action

Understanding Media Before Processing Begins

Media workflows have become highly automated, yet one critical step often remains manual – understanding what is actually inside a media file. While traditional tools can identify technical properties such as codec, resolution, frame rate, and audio channels, they cannot determine the editorial structure of the content itself.

Before media can be prepared for broadcast, streaming, archive, or distribution workflows, organizations must verify what the asset contains. Are there color bars, slates, commercial segments, opening credits, textless elements, silent sections, or multiple audio layouts? In many organizations, this process still relies on manual review, consuming valuable time and operational resources.

EDC Media Analyzer brings content-aware intelligence directly into media operations.

By analyzing video and audio essence—not just container metadata—it automatically identifies structural and editorial elements within a file, enabling organizations to move from manual inspection to intelligent, automated workflows.

The Challenge: Manual Media Review Doesn't Scale

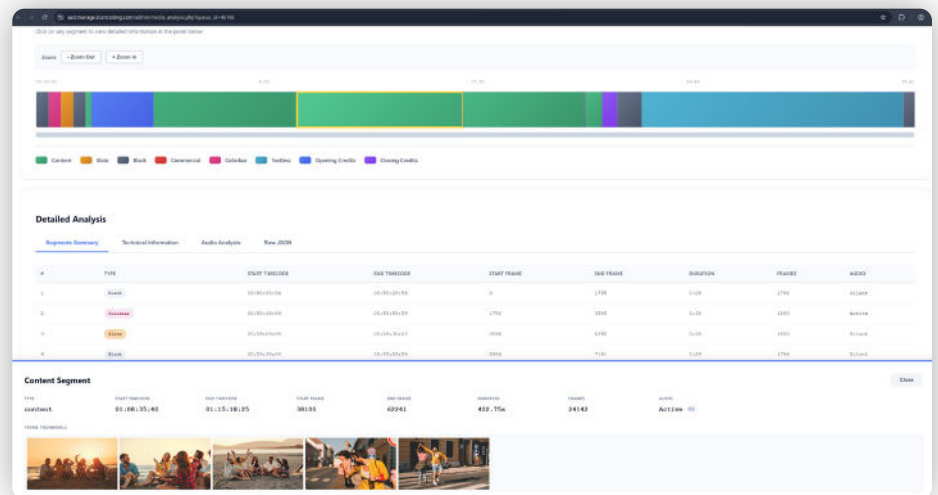
Every media organization receives, acquires, archives, repurposes, and distributes vast volumes of content. While technical metadata can identify file characteristics such as codec, bitrate, resolution, and duration, it provides little insight into the actual structure of the content itself.

Before media can move through broadcast, streaming, archive, or distribution workflows, operators often need to manually inspect files to answer critical questions. Does the asset contain color bars, slates, commercials, opening credits, closing credits, textless elements, silent segments, or multiple audio layouts? Are the audio tracks organized correctly? Is the content ready for its intended destination?

This process is time-consuming, expensive, and difficult to scale. Organizations frequently rely on skilled operators to review content manually, creating operational bottlenecks that slow content preparation, increase costs, and limit the ability to automate downstream workflows.

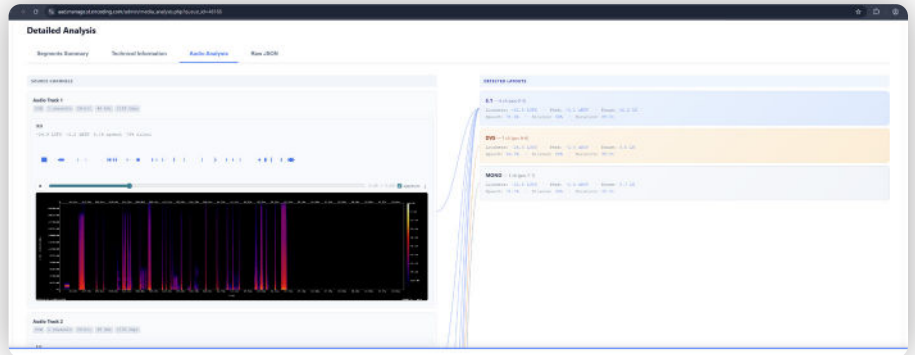
The Solution: Content-Aware Intelligence for Media Workflows

EDC Media Analyzer extends media processing beyond traditional metadata inspection by analyzing the actual video and audio content within a file. Unlike traditional quality control systems that validate technical compliance, Media Analyzer focuses on understanding the editorial and structural composition of content.

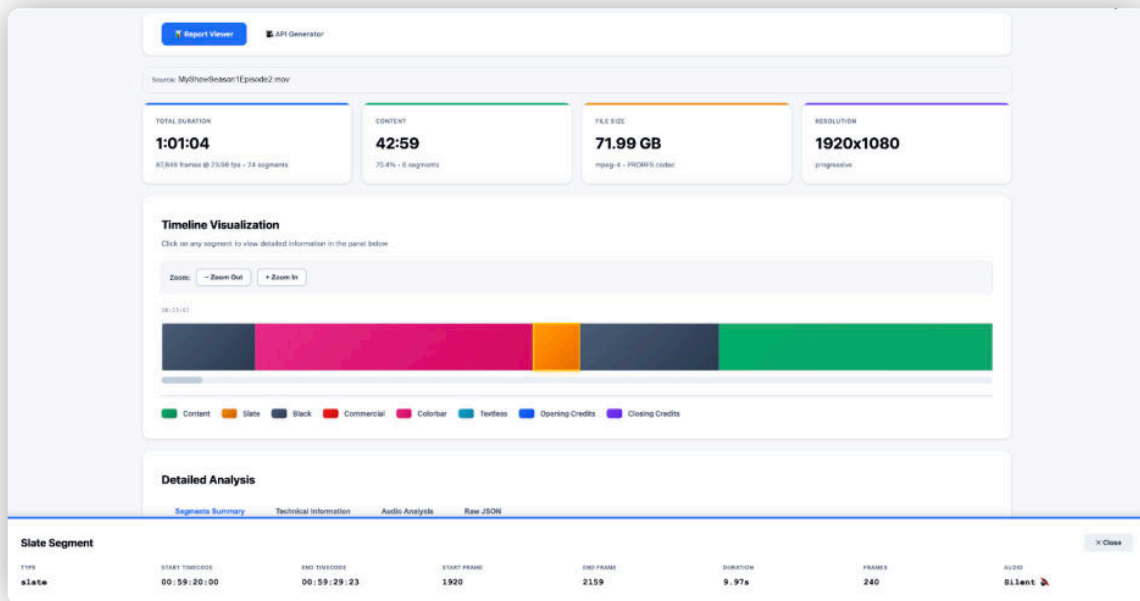


Using a combination of content analysis, signal processing, and AI-driven classification, EDC Media Analyzer can automatically identify commercials, program boundaries, slates, bars, credits, black segments, and textless elements to accelerate content preparation and distribution workflows. It can also determine how audio channels are functionally organized, helping teams understand not just how many channels exist, but how they should be used. Detect speech presence, dialogue activity, and silence throughout the program timeline.

The resulting analysis is delivered as structured metadata (JSON and PDF reports) that can be consumed directly by downstream workflows. This enables organizations to automatically trigger actions such as commercial removal, content trimming, audio normalization, format preparation, and content packaging—eliminating manual review and accelerating media operations at scale.



EDC Media Analyzer supports broadcast, streaming, archive, localization, quality control, and content preparation workflows by providing machine-readable insight into program structure.



EDC Media Analyzer's Media Analysis Report Viewer

From Analysis to Automation

EDC Media Analyzer does more than identify what exists inside a media file. By transforming content analysis into actionable workflow intelligence, it enables organizations to automate content preparation, reduce manual effort, and accelerate media operations. The result is faster turnaround times, improved consistency, and greater confidence in every stage of the media supply chain.

The benefits of EDC Media Analyzer are:



Automated Content Preparation

Automatically identify and remove commercials, slates, black segments, color bars, and other non-program elements without requiring manual review or timeline editing.



Reduced Manual Review

Eliminate repetitive media inspection tasks by automatically analyzing video and audio content, allowing operators to focus on higher-value production and content management activities.



Faster Media Processing Workflows

Use structured analysis metadata to automatically trigger downstream actions such as trimming, audio normalization, format preparation, packaging, and distribution.



Improved Audio Intelligence

Go beyond simple channel counting by automatically identifying the functional purpose of audio tracks within a media asset. EDC Media Analyzer can distinguish between audio layouts such as 5.1 Full Mix, Stereo Full Mix, Audio Description (AD/DVS), Music & Effects (M&E), and narration tracks, helping operators and automated workflows understand how audio should be processed and delivered. This enables more accurate audio selection, localization, compliance, packaging, and distribution workflows while reducing manual inspection and configuration.



Intelligent Workflow Automation

Transform content understanding into automated decision-making by feeding analysis results directly into EDC, Vantage, third-party encoders, MAM systems, and other downstream media workflows.



Accelerated Content Onboarding

Automatically understand newly ingested content without operator intervention, reducing the time required to prepare assets for broadcast, streaming, archive, and localization workflows.

By combining content analysis, signal processing, and AI-driven classification, EDC Media Analyzer helps media organizations move beyond simple file inspection toward intelligence-driven media operations.

The result is a more automated, scalable, and efficient approach to preparing content for broadcast, streaming, archive, and distribution workflows.

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Learn more about
EDC Media Analyzer:
telestream.com/edc



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your media analysis?
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