

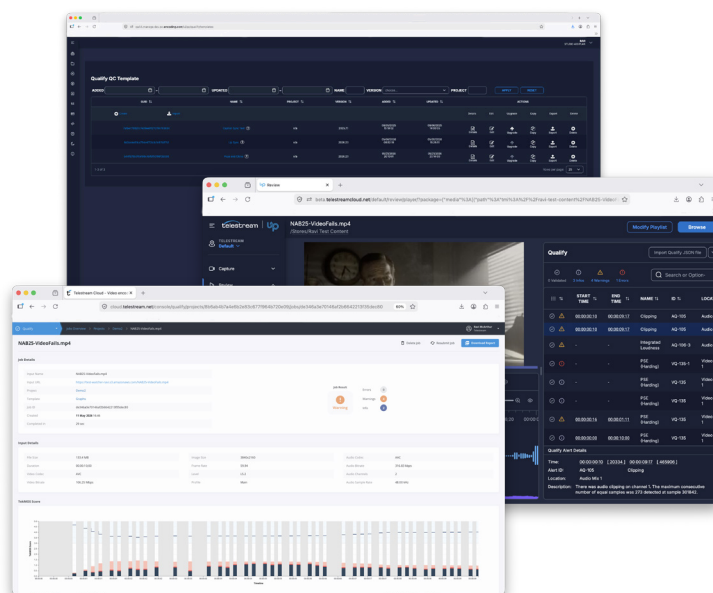
Qualify Cloud

AI-Powered Media QC with
Limitless Scale Anywhere



Executive Summary

Qualify Cloud enables the limitless scaling of content processing without the cost of additional on-prem infrastructure. By replacing manual, labor-intensive workflows with API-driven AQC, Qualify Cloud provides the agility to handle fluctuating content volumes while ensuring adherence to delivery standards like IMF, DPP AS-11, HLS, and DASH.



Through its dual deployment paths via EDC or Telestream Cloud, the platform leverages advanced AI for automated complex analysis at scale. This accelerates time-to-market, significantly reduces operational overhead, and maintains quality control across all modern codecs and media standards.

Advantages of Qualify Cloud

Minimizes Manual Effort:

Automates quality control to dramatically reduce the need for time-consuming manual QC.

Infinite Scale:

Runs as many jobs concurrently as you require*

Comprehensive Format Support:

Verifies the latest codecs, containers, and formats to keep pace with evolving media standards.

Standards-Compliant Outputs:

Supports critical industry delivery formats, including IMF, DPP AS-11, HLS, and DASH.

Advanced AI/ML Capabilities:

Leverages computer vision and audio recognition technologies for intelligent, automated analysis.

Scale QC Capacity on Demand:

Handle peaks in content volume without buying, sizing, or maintaining additional on-prem infrastructure.

Faster Deployment and Onboarding:

Start running automated QC workflows quickly, without lengthy installation, hardware procurement, or environment setup.

Ideal for Distributed Teams and

Remote Workflows:

Make QC accessible across locations, teams, and supply chain partners without needing everyone connected to the same local system.

Lower Operational Overhead:

Reduce the burden of managing servers, upgrades, patches, storage, and local compute capacity.

Flexible Cloud, Hybrid, and Burst Workflows:

Use Qualify Cloud as a primary QC platform or extend existing Vantage/on-prem workflows by bursting to the cloud when local capacity is reached.

*Contact Telestream to increase default soft limits

Feature	Base Rate Only	Additional Rate
Corrupt Frame Detection	✓	✗
Colour Bar Detection	✓	✗
Dead Pixel Detection	✓	✗
IMF Support	✓	✗
HLS and DASH	✓	✗
Deep MXF Tests	✓	✗
Nielsen Watermarking Detection	✓	✗
Freeze Frame/Black Frame Detection	✓	✗
Dolby Vision Support	✓	✗
Latest Codec Support	✓	✗
Dolby Atmos Loudness Analysis	✓	✗
CableLabs VOD Support	✓	✗
Integrated Loudness	✓	✗
Comparative Loudness	✓	✗
Clicks and Pops	✓	✗
Audio Hum Detection	✓	✗
Dual Mono Detection	✓	✗
Audio Description Detection	✓	✗
Channel Mapping Detection	✓	✗
TMOS Video Scoring	✗	✓
Audio/Caption Sync Mismatch	✗	✓
Video/Audio (lip sync) Sync Mismatch	✗	✓
AI Language Detection	✗	✓
Harding PSE	✗	✓
AI Template Generation	✗	🕒
Burned Subtitle/Timecode Detection	✗	🕒
Visual Aspect Ratio Anomaly Detection	✗	🕒
User Defined Image Detection	✗	🕒

🕒 = Coming Soon

Technical Specifications

Supported Video Codecs

Apple Codecs

- Apple ProRes
- Apple ProRes RAW
- Animation
- VideoToolbox

Avid Codecs

- Avid DNxHD
- Avid Meridien

Sony Codecs

- Sony MPEG-4 STP
- Sony RAW

MPEG-Based

- MPEG-2 Video (MP2V)
- MPEG-4 Part 2 (MP4V)
- H.264 (AVC)
- H.265 (HEVC)

Others

- Canopus
- Cineform
- FFV1 (lossless)
- Comprimato JPEG 2000 (J2K)
- JPEG
- PNG (video frame decoding)
- WMV (Windows Media Video)
- VPX (VP8/VP9)
- SVT-AV1

Broadcast/Professional

- MDV (Digital Video)
- Media Foundation Video

Supported Audio Codecs

ADPCM Variants

- ADPCM
- Apple IMA ADPCM
- IMA ADPCM

Lossless Audio

- ALAC (Apple Lossless)
- FLAC

Speech Codecs

- G.711
- G.726

Avid Codecs

- Avid DNxHD
- Avid Meridien

Sony Codecs

- Sony MPEG-4 STP
- Sony RAW

MPEG Audio

- MP3
- MPEG Audio (MPGA)
- AAC (MC AAC)

Streaming/VoIP

- Opus
- Vorbis

MPEG-Based

- MPEG-2 Video (MP2V)
- MPEG-4 Part 2 (MP4V)
- H.264 (AVC)
- H.265 (HEVC)

Windows Audio

- WMA

Broadcast/Professional

- Dolby E
- Dolby Digital (AC-3/EC3)
- SMPTE 302M
- SMPTE 331M
- SMPTE 337 (AC-3 in data streams)

Apple/Core Audio

- Core Audio (generic)
- Media Foundation Audio

Supported Caption Formats

- CEA-608/708
- WebVTT
- CIEM
- DCP subtitles
- DVB Subtitles
- Lambda captions
- PAC
- SRT
- SSF
- EBU STL
- STT
- Teletext
- Timed Text
- TTML
- SCC

Platform Requirements

Qualify Cloud requires access to Telestream Cloud Services or Encoding.com, authenticated user/API credentials and accessible source media in a supported cloud or file-transfer location.

For Telestream Cloud deployments, customers configure cloud storage, Stores, Projects, regions and QC templates before submitting jobs.

For Encoding.com workflows, Qualify can be enabled directly in EDC API or UI jobs using existing media sources, output configurations, and notification/status workflows. No dedicated on-prem QC hardware is required for native cloud operation.

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Learn more about Qualify Cloud:
telestream.com/qualify



Want to schedule a demo?
Contact us at telestream.com/contact-us