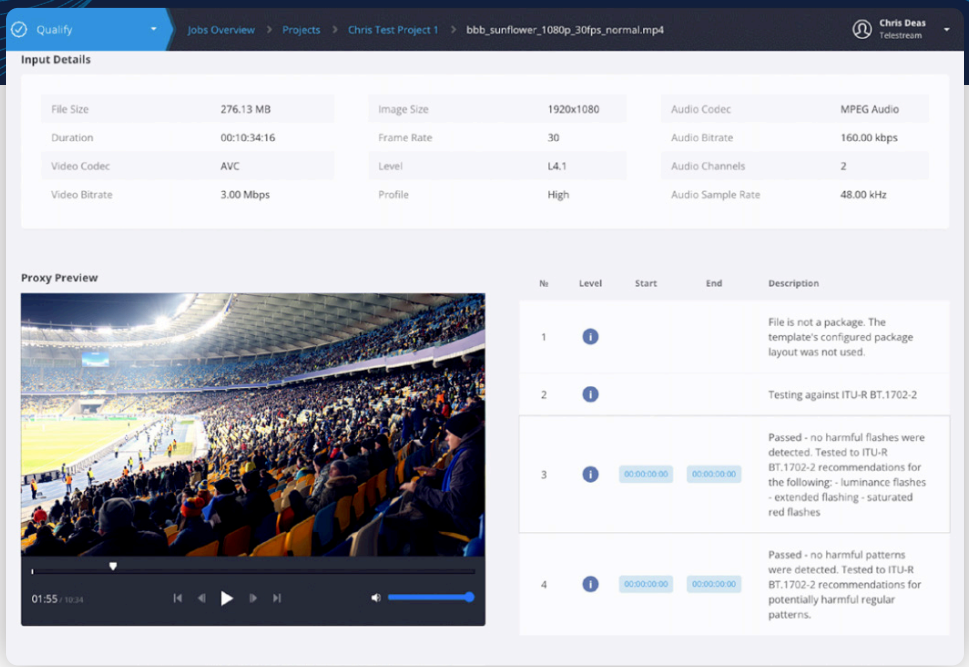
Qualify for Vantage

Market Leading File-Based QC Now Available On-Premises



Executive Summary

Telestream Qualify, an award-winning and market-leading quality control (QC) solution, streamlines QC to accelerate content delivery. By automating QC during ingest and production, Qualify reduces delivery times, checks for compliance, and automatically rejects non-compliant media. This process lowers costs and increases content ROI.

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Advantages of Qualify

Minimizes Manual Effort:
Automates quality control to dramatically reduce the need for time-consuming manual QC.

No-Code Workflow Design:
Enables the creation of sophisticated QC workflows without requiring any coding—ideal for operational scalability.

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

Seamless Cloud Integration:
Bursts effortlessly to Cloud Qualify for elastic scalability when workloads spike.

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.

Qualify for Vantage

Qualify is now available as an on-premises solution for Telestream Vantage, the leading end-to-end media processing solution for complex media workflows. This powerful duo for high-volume workflows adds exclusive capabilities including:

- **Native workflow orchestration** for seamless integration
- **AI-powered Language Detection** for automated content analysis
- **Objective video quality assessment** using **TMOS**, Telestream's proprietary scoring algorithm
- **Caption/Subtitle Sync analysis** for caption shift/drift detection
- **AI Lip Sync Detection** for audio dialogue timing analysis

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Feature	Qualify for Vantage Std	Qualify for Vantage Plus	Qualify for Vantage Pro	Vidchecker	Aurora*
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

**Qualify for Vantage Pro includes Harding PSE support for SD, HD, UHD, SDR, & HDR. Extended Results and Extended Aspect Ratios require an additional license.

*Discontinued product

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Technical Specifications

Server Requirements

Operating System:
Windows Server 2016 (Standard or Data Center Edition with Desktop Experience), Windows Server 2019 (Standard or Data Center Edition with Desktop Experience), or Windows Server 2022 (Standard or Data Center Edition with Desktop Experience)

Minimum Server:
Dual, Six Core Processors - or better (a total of 12 cores or more is recommended), with 16 GB DDR Memory

Recommended Server:
Telestream Lightspeed Server with GPU acceleration; High-Speed NAS or SAN storage recommended; GigE Ethernet adapter

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

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

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

Streaming/VoIP
- Opus
- Vorbis

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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
- General bitmap-based captions
- WebVTT
- CIEM
- DCP subtitles
- DVB Subtitles
- Lambda captions
- PAC
- SRT
- SSF
- EBU STL
- STT
- Teletext
- Timed Text
- TTML
- SCC

JUNE 2026

Learn more about Qualify:
telestream.com/qualify

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

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