telestream Qualify

About This Release

This release contains some significant new features including the **latest Harding software** and **TR101290 Compliance.**

We have also made improvements to **Cablelabs VOD Compliance, EAS Tone Detection, Luma/Chroma Level reporting.**

Engine Version: 2025.10.1

Vantage Gateway Release Date: November 20, 2025

Telestream Cloud Release Date: TBC

Qualify for Vantage Release Date: TBC

New Features

- **Harding Software Upgrade**

  The latest software includes both improvements and new features:

  - Support for ITU-R BT.1702-3, officially covering HDR (with luminance and Michelson-contrast thresholds for brighter display states).
  - Extended Results, also known as Pass with Cautions provides a more detailed per-frame caution value for Red, Flash, and Spatial tests, showing when results are near the failure threshold even if they pass.
  - Extended Aspect Ratio - designed to support tests of video content with aspect ratios intended for digital signage and social media for owner/platform due diligence (or if regulations change to cover these platforms).

- **TR101290 Compliance**

  The TR 101 290 test in Qualify analyses the integrity of an MPEG transport stream by checking for transmission errors, timing issues, and compliance with DVB standards to ensure reliable broadcast playback.

- **New PDF Report Design**

  The design of the report has been improved. Users will be able to choose between the original and new design.

© 2025 Telestream, LLC

Improved In This Release

- **Cablelabs VOD tests added:**
    - Sequence header and extension location
    - First GOP Closed
    - MPEG2 GOP Length Restriction
    - MPEG2 Consecutive B Pictures
    - No Scalable Extensions
    - SCTE 35 Registration Descriptor
    - Allowed Video Codecs
    - Allowed Audio Codecs
    - First byte of audio not first byte of audio access unit
    - PES Constraints
    - Transport Stream stream count restrictions
    - Transport Stream packet size
    - Transport Stream first byte restriction
    - Transport Stream discontinuity restriction
    - Transport Stream PCR restrictions
    - Transport Stream random_access_indicator
    - PSI Constraints
    - Stream_type values
    - PID Restrictions
    - SD Video Encoding Constraints
    - SD Video Bit Rate
    - HD Video Bit Rate
    - HD Video Bit Rate 'Safe Harbor'
    - AVC Video Bit Rate for CableLabs VOD
    - Frame size for CableLabs VOD

- **EAS Tone Detection**

  The EAS Tone detection has been improved, seeing a significant reduction of false positives. The test now independently evaluates the Preamble and EAS Header Codes, Audio Attention Signal, Message Content and Preamble and EAS End Of Message (EOM) Codes.

© 2025 Telestream, LLC

- **Luma/Chroma Levels – reporting improvements.** The following values will be included when the corresponding test is enabled in the template:
    - Luma Average (Video section)
    - Chroma Average (Video section)
    - Peak Audio Level (per channel)
    - Audio Loudness (per channel)
- **AI Language Detection Test –** this test has been moved from being nested in the Language ID test in Audio Metadata to the Audio Quality category.
- **Syntax Checks –** Timecodes references have been added to errors that occur at specific points in the file.

Fixed In This Release

- MXF XDCAM + PCM audio - Issues with saving profile
- TMOS graph not visible in the UI for 2025.4.1
- Dolby Audio Atmos Mix Not Found Error
- "An unknown error occurred" for Harding PSE test in Qualify for Vantage
- Unknown errors - Unhandled Special Character In Filepath
- Thumbnails option enabled fails jobs
- Audio Loudness and Peak Level QC Reported are Invalid Json
- Errors supporting Canopus formats resolved

© 2025 Telestream, LLC