telestream Qualify

About This Release

The focus of this release has been improving performance, with some tests now processing up to **45% faster than previous releases*****.

We have also added **Dolby Atmos Loudness Compliance, Cablelabs VOD Compliance, Transport Stream Container Syntax Tests** and the ability to add **thumbnails to your PDF** reports.

For a full list of features, fixes and improvements, please see below.

Engine Version: 2025.4.1

Released: June 23, 2025

New Features

- **Dolby Atmos Loudness Compliance**

  Users can now apply Qualify's full suite of Loudness tests to Dolby Atmos audio.*

- **Thumbnails in PDF Reports**

  Users can now enable thumbnails in the PDF report. These will be displayed in line items in the "Alerts" section of the report. This feature can be enabled/disabled by a toggle switch in template settings.

- **Transport Stream Container Syntax Tests**

  Transport Stream Container Syntax Tests (1000-1025) have been ported from Aurora.

- **Cablelabs VOD Tests**

  The following Cablelabs VOD tests have been ported from Aurora:

  - Transport Stream - stream count restrictions (7361)
  - Allowed Audio Codecs for CableLabs VOD (7385)
  - Frame size for CableLabs VOD (7368)
  - Transport Stream packet size (7376)
  - PID Restrictions for CableLabs VOD (7371)
  - Transport Stream PCR restrictions (7374)
  - PSI Constraints for CableLabs VOD (7365)
  - PES Constraints for CableLabs VOD (7365)

© 2025 Telestream, LLC

Improved In This Release

- AI Language Detection now supports over 100 discrete languages and dialects and now has a 100% accuracy rate**
- Luma/Chroma Levels now runs up to 45% faster***
- Dead Pixel, Single Color Frame Detection, Channel Mapping and Audio Phase now run up to 40% faster***
- Freeze Frame, Color Bars and Upconversion Detection, run up to 30% faster***
- Black Frame, Corrupt Frame and Letterboxing run up to 25% faster***
- TMOS runs ~10% faster***
- Dialog gating now flagged in the description of an Integrated Loudness test when enabled

* Supports IAB MXF, DAMF and DDP + JOC only. BWF ADM and native IMF Atmos support coming soon

* *Based on internal test sample set

*** Tests performed on an internal test cloud environment

Fixed In This Release

- Memory leak issue
- Transport Stream caption detection issue
- Abnormally long processing times for UHD MXF XAVC files
- Silence detection on specified time durations
- Blanking detection issue
- L2 Freeze frame issues not being reported

© 2025 Telestream, LLC