

Voithru AI QC Engine

Voithru
AI MEDIA ENGINE

Automated Media QC · Full-Runtime Coverage · Rally-Native

The Voithru AI QC Engine combines a rule engine with machine learning to automate technical and editorial QC across the media supply chain. It replaces sample-based spot checks with 100% full-runtime coverage — detecting issues instantly, opening tickets automatically, and reporting comprehensively. Production-validated at enterprise scale on Japanese content, and available natively within SDVI Rally supply chains.

WHY TEAMS SWITCH

100% Coverage

Every frame, every cue, every episode — no more sampling limitations or hidden downstream errors.

Auto-Ticket

Issues are detected and routed the moment they occur, cutting turn-back cycles and rework cost.

Auto-Report

Comprehensive per-episode and series-level analytics, delivered through dashboard and API.

QC COVERAGE

Subtitle & Localization

- ▶ Timecode, format & fps validation (STL, PAC, SCC)
- ▶ Reading speed, cue layout & timing overlaps
- ▶ Character integrity — garbled & legacy glyphs
- ▶ Package contents & file-naming conventions

Video & Audio

- ▶ Container / codec & resolution compliance
- ▶ Bit depth validation (SDR / HDR)
- ▶ Loudness & true-peak measurement
- ▶ Constant-FPS & dual-mono detection

Cross & Series Validation

- ▶ Master frame-count parity (SDR/HDR)
- ▶ Subtitle-video fps match
- ▶ Consistent framerate across a season
- ▶ Duplicate-episode detection per delivery

DELIVERY & INTEGRATION

Deployment	SaaS — REST API with web dashboard; available as a native application service within SDVI Rally
Asset Transfer	S3 presigned URLs, assets up to 200 GB per file
Authentication	API key or OAuth2 (JWT)
Output	Structured QC reports, automated issue ticketing, per-episode and series-level analytics
Operations	Customer-specific fine-tuning, SLA-bound service desk, monthly performance & change reporting

LANGUAGE COVERAGE

Japanese — production-validated

Korean — available

Spanish — available

Additional languages scoped on request

Get started with Voithru AI QC

Available through the SDVI Rally application services marketplace, or contact Voithru directly for a tailored deployment.

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