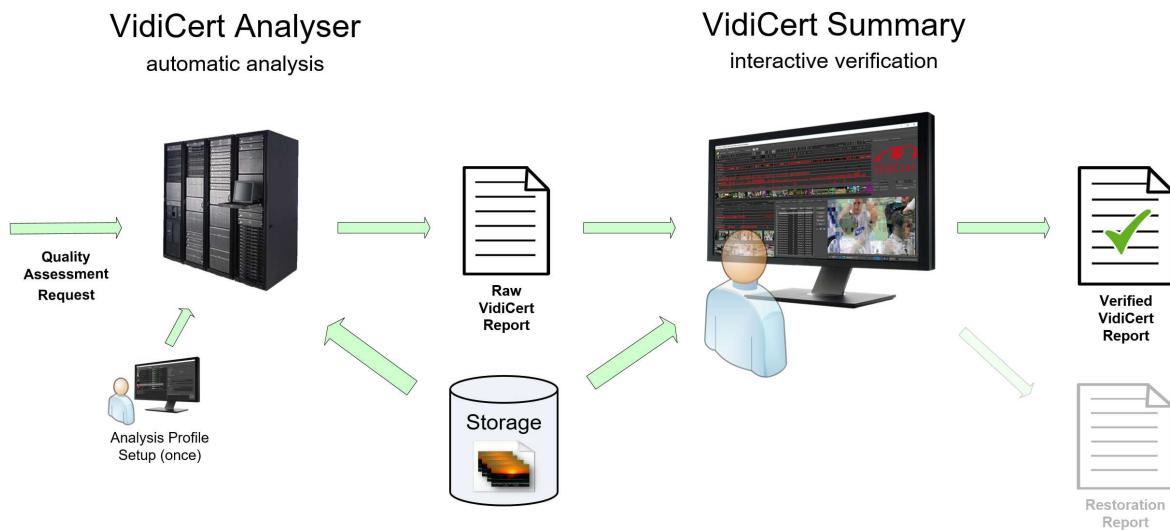


# VidiCert™ Data Sheet

## Workflow

VidiCert supports **efficient audiovisual QC workflows** in the following ways:

- Automation of quality assessment by a comprehensive set of image and sound defect detection tools, specifically for video and film digitisation
- Customisation of detection tools by Analysis Profiles
- Support of video QC and film QC in any resolution with a single VidiCert system
- Efficient interactive verification tools for minimizing eyeball time of audiovisual quality and content checks
- Easy workflow integration via web service API and drop folder
- Standardised XML reporting format, pdf and restoration report support



## Automatic AudioVisual Quality Detection Tools

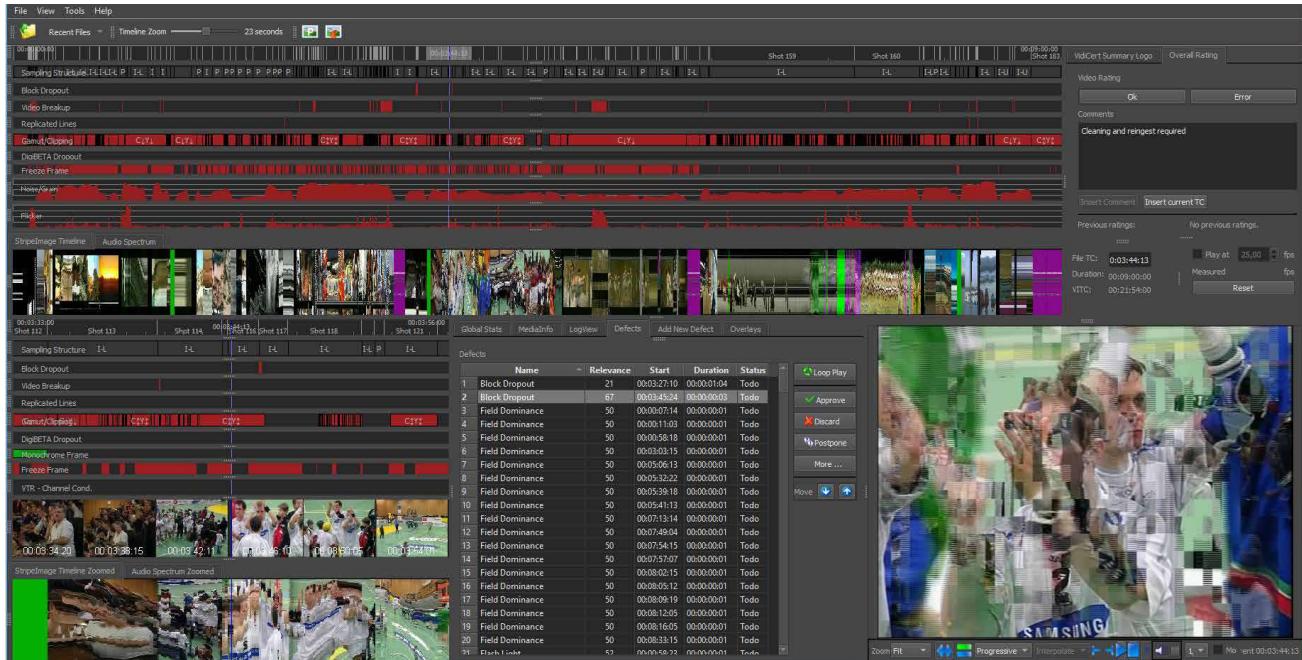
Resolution independent and reliable **defect detection** with highly optimised, GPU accelerated tools:

- Noise Level (electronic & film grain)
- Blurriness Level / Out of Focus / Upscaling
- Dust / Dirt / Hair Level
- Flicker Level, Flash Light
- Colour Flicker
- Unsteadiness Level
- Framing Error
- Scanning Type, Field Order
- Field Dominance, Cadence
- Freeze Frame
- Digital BETACAM™ Dropout
- Block Dropout
- Macroblocking
- Video Breakup (severe analogue sync errors)
- Replicated Lines
- Black Bar, VITC Errors
- Test Pattern, Monochrome / Black Frame
- Luminance Range, Gamut / Clipping Error
- Silence, Dolby® E™
- Superimposed Sound
- Loudness
- Audio Clipping, True Peak
- Click, Pop
- Mono in Stereo

If you need a **specific defect detection solution**, we are here to implement it.

## Interactive Audio Visual Quality Verification

- Advanced summarisation and navigation by various timeline based metadata views
- Efficient human quality judgement
- Job-time optimisation – target human effort to the most severe defect occurrences
- Fully customizable user interface including full screen video player support on second monitor
- Frame accurate, desktop based player with zoom, field playback, graphics overlays, audio selection and SDI output
- Interactive defect annotation with efficient handling of favourites



## System Interfaces

### Video/Movie Input Formats

- MPEG-2 (incl. IMX50, XDCAM HD and AS-11 SD) in MXF and MPEG-2 program stream container
- MPEG-4 AVC/H.264 (incl. AS-11 HD and X) in MXF, AVI, MP4 and MOV container
- JPEG2000 in MXF container
- Image sequences (DPX and others)
- ProRes in MOV container
- ffv1 in MKV container
- others on request

### Quality Metadata Output Formats

- XML Report fully compliant to MPEG-7/AVDP and MPAF standard, and to EBU QC data model
- PDF Report with summarised and detailed defect info
- DIAMANT Restoration Report with time based defect info

### System Requirements

- Operating System: Windows 11/10, 64 bit
- Graphics Board: nVIDIA board with CUDA compute capability 6.0 or higher
- SDI Output: DeckLink Monitor card from Blackmagic Design