



XRE TRANSCODER 9

Multiformat/Multicodec Video File Transcoder

Automate the transcoding of video files into different file formats with a variety of supported codecs.

The XRE Transcoder 9 from Grass Valley® is a standalone conversion solution that enables broadcasters and media companies to automate the transcoding of media files, using watch folders that can be placed anywhere on a network. Transcoding is fully optimized to the host machine's specifications and is faster than real-time in many cases.

Supplied as software or a full turnkey system and connected via Ethernet, XRE Transcoder 9 gives editors in a workgroup the freedom to spend their time editing, not transcoding,

and supports the extensive list of formats and codecs that has made EDIUS® such a force in broadcast news production.

New in version 9 of the XRE Transcoder is an "Effect Template" feature that allows customized effects such as layered graphics, image side bar blur, speed change, HDR metadata inclusion and more, to the clip as it is being transcoded.

XRE Transcoder 9 can be used with any third-party professional NLE system. A simple interface allows off-

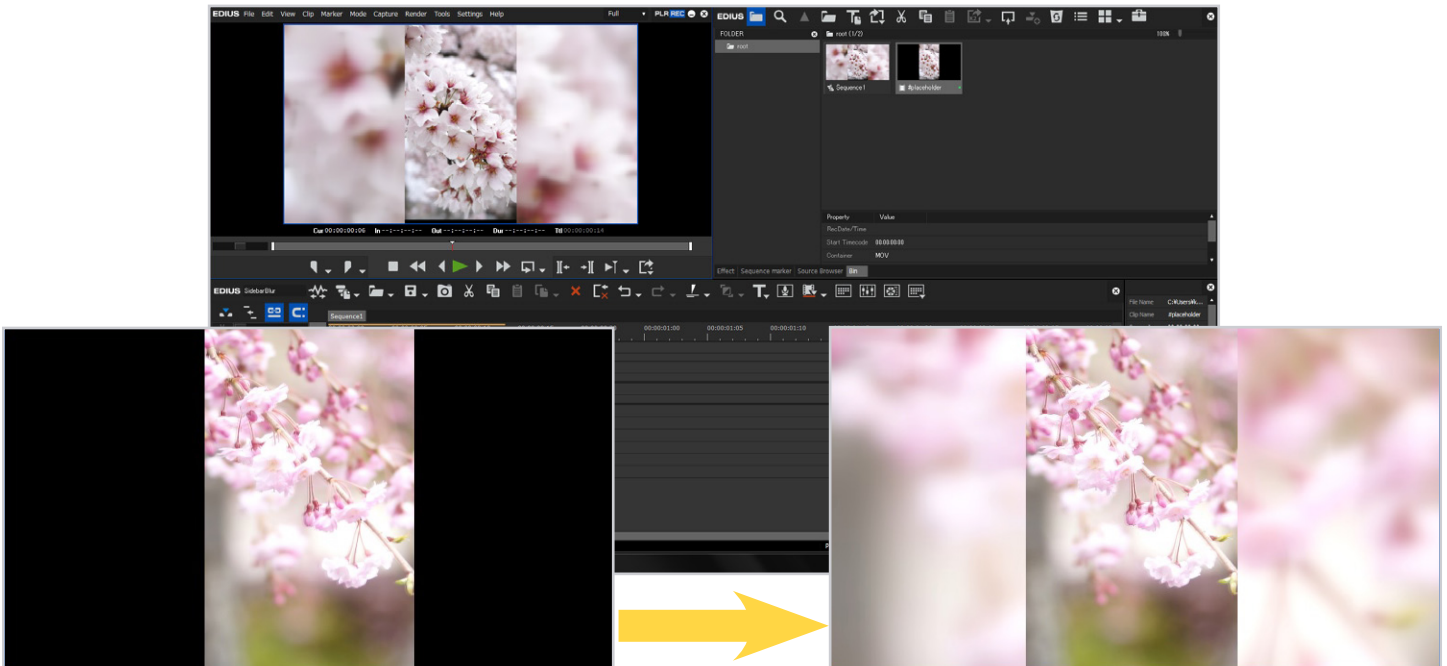
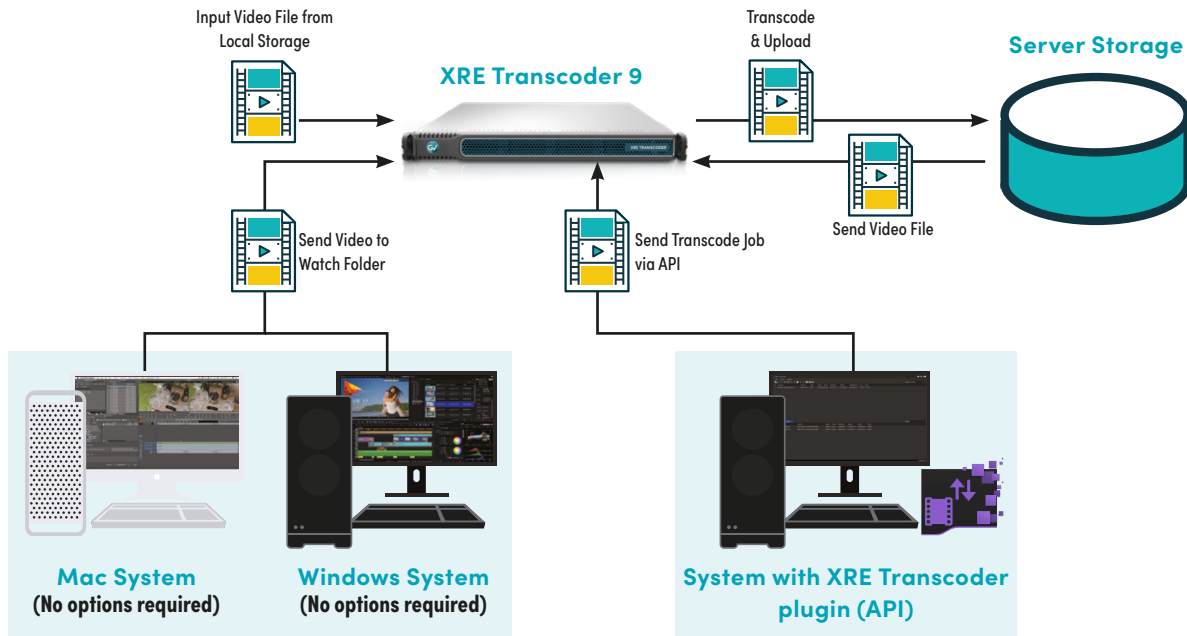
loading of transcoding jobs from the NLE system to the XRE Transcoder, and an SDK is available to facilitate integration into third-party systems and workflows.

Transcoding job status can be monitored from any machine on the network. Multiple servers can be configured as nodes to share jobs.

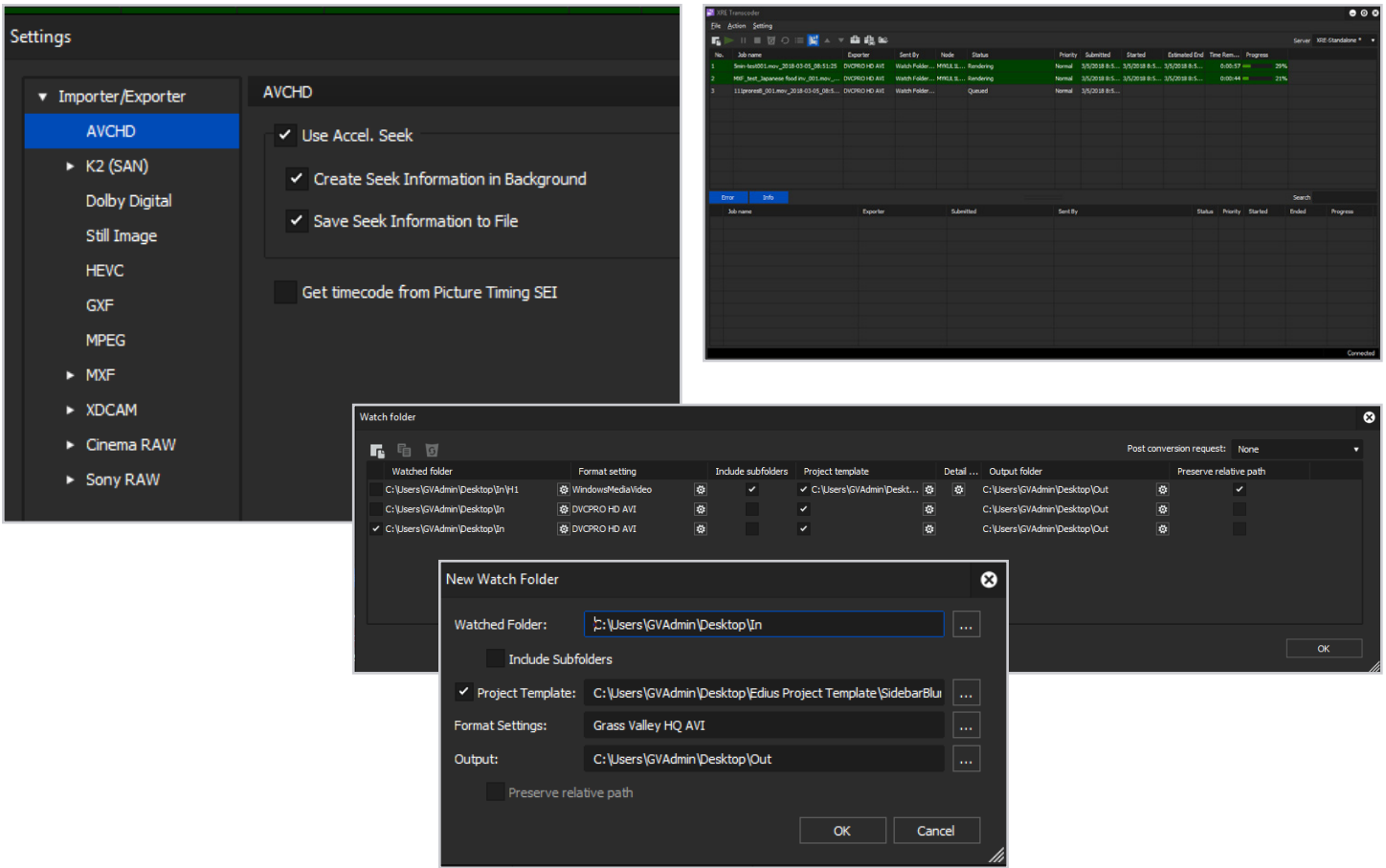
XDCM EX**AVC INTRA****AVCHD****DVC PRO HD****AVC ULTRA****XDCM HD****XAVC S****XAVC****ProRes**

Key Features

- Purpose-built transcoding system leveraging powerful EDIUS NLE format support
- Can be used with EDIUS and third-party NLEs
- Watch folder functionality
- Job monitor for creating watch folders, managing and monitoring jobs
- Can process two jobs simultaneously
- Multiple XRE Transcoders can be used as nodes to process multiple jobs in parallel
- New “Effect Template” feature to apply effects to clips while transcoding
 - Customized effects such as graphics, filters and image manipulation can be applied automatically
- Can also be used to conform/render EDIUS projects
- Supported file formats:
 - Video formats: AVCHD, AVI, HDV, MOV, MP4 and MXF
 - Audio formats: AAC, AIFF, Dolby Digital, Dolby Digital Professional, Dolby Digital Plus, MPEG Audio Layer-3, MPEG Audio Stream, Ogg Vorbis Files, Wave and Windows Media Audio
- Supported codecs: H.264, H.265, MPEG-2, XAVC, XAVC S, XDCAM (DV/HD/EX), P2, DVCPRO, AVC Ultra, Apple ProRes, Grass Valley HQ/HQX and DNxHD
- SDK available to facilitate integration into third-party systems and workflows
- Convert audio as source to other audio formats or to video
- Audio normalization



Side bar blur effect using effect templates.



Specifications

Supported file formats:

- Video formats: AVCHD, AVI, HDV, MOV, MP4 and MXF
- Audio formats: AAC, AIFF, Dolby Digital, Dolby Digital Professional, Dolby Digital Plus, MPEG Audio Layer-3, MPEG Audio Stream, Ogg Vorbis Files, Wave and Windows Media Audio

Supported codecs: H.264, H.265, MPEG-2, XAVC, XAVC S, XDCAM (DV/HD/EX), P2, DVCPRO, AVC Ultra, Apple ProRes, Grass Valley HQ/HQX and DNxHD

Simultaneous processing: Yes (can process two jobs simultaneously)

Parallel processing: Yes (multiple XRE Transcoders can be used as nodes to process multiple jobs in parallel)

Networking: Ethernet

Please note the following apply only to the XRE Transcoder, but can be managed on the system NLE:

- Spanned clips not supported as source
- Sources comprising multiple components (such as P2 files) not supported as source
- Audio-only clips not supported as source

Ordering

XRE9-TCODE*

XRE Transcoder 9 software. Includes XRE server software and transcoder application.

XRE9-TCODE-SYS

XRE Transcoder 9 software server. Deployed on Dell R630 server; includes XRE server software and XRE Transcoder 9 application.

EDIUS XRE 9

EDIUS 9 XRE software. Requires certified system.

XRE9-TCODE UPG

XRE Transcoder 9 Software. Upgrade. Includes XRE 9 Server software and Transcoder application.

EDIUS XRE 9 JP

EDIUS 9 XRE software. Requires certified system. Japan only.

XRE9-TCODE-J

XRE Transcoder 9 Software. Includes XRE Server software and Transcoder application. Japan only.

XRE9-TCODE-J UPG

XRE Transcoder 9 Software. Upgrade. Includes XRE Server software and Transcoder application. Japan only.

XRE-TCODE-SL-1YR

XRE Transcoder software site license (1 year). One year site license to receive free upgrades during the contract period. Does not include hardware upgrades/support or software support.

*Certified for HP Z840 workstation or Dell R630 server only.

This product may be protected by one or more patents. For further information, please visit: www.grassvalley.com/patents

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