EDIUS 5.1

EDITING FOR THE DIGITAL GENERATION

No other NLE gives you so much versatility combined with sheer speed of editing. Less work. More flow. The perfect choice for multi-format editing.

The Grass Valley™ EDIUS® family supports the real-time editing of all popular standard-definition (SD) and high-definition (HD) formats, including Canopus® HQ, Canopus Lossless, Infinity™ JPEG 2000, DV, DVCAM, HDV, AVCHD, MPEG-2, AVC-Intra, and uncompressed video.

EDIUS – More Formats, More Workflows

EDIUS nonlinear editing software is designed for any broadcast and post-production environments, especially those with newer, tapeless forms of video recording and storage.

Perfect for file-based workflows, EDIUS software offers real-time, multi-track, mixed-format editing, compositing,

chroma keying, titling, and timeline output capabilities. In addition to the standard formats of the EDIUS family, it supports DVCPRO, Infinity JPEG 2000, P2, VariCam, Ikegami GigaFlash, MXF, and XDCAM video. It also supports all DV and HDV cameras and decks

Ready For HD When You Are

With EDIUS software, you can move from SD to HD whenever you're ready. It can edit DV content in HD resolutions, providing automatic, real-time upscale conversion from SD to HD—and apply all project titles, graphics, and effects in HD resolution. Ensuring a painless transition to the world of HD, you can work in and output HDV content to hard disks or DVD-R drives without the need for an HDV camera or deck.

Exceptional Mixed-Format Editing

Featuring unrivaled real-time video transcoding technology, EDIUS software converts between HD and SD resolutions, aspect ratios, and frame rates—all in real time. You can edit 1080i on a 4:3 SD timeline, use NTSC and PAL sources, or combine them all into a 720/24p project without wasting a single moment on conversion or rendering.

EDIUS software also features real-time playback and DV output of all effects, keyers, transitions, and titles—and can export projects to any format or medium required including Blu-ray Disc and DVD-video.

KEY FEATURES

- Edit any mix of SD and HD resolution video content together in real time
- Work with many different native video formats, including DV, HDV, AVCHD, uncompressed, and more
- New GPU-accelerated 3D transitions
- Windows XP and Windows Vista support
- Fast, flexible user interface, including unlimited video, audio, title, and graphics tracks
- Real-time editing and conversion of different HD/SD aspect ratios, such as 16:9 and 4:3

- Real-time editing and conversion of different frame rates, such as 60i, 50i, and 24p
- Real-time editing and conversion of different resolutions, such as 1920x1080, 1440x1080, 1280x720, and 720x480
- Real-time HD/SD effects, keyers, transitions, and titles
- Real-time, render-free DV output directly from the timeline
- Multi-camera editing of up to eight different sources simultaneously

- Nested timeline sequences
- High-speed HDV timeline export, built for multi-core and multiple CPU technology
- High-quality, multi-format video exporting to Infinity JPEG 2000, MPEG-2, AVCHD, and AVC-Intra
- Direct to Blu-ray Disc and DVD timeline export
- High value software bundle includes filters, effects, image stabilization, VST audio plug-ins, and DVD and Blu-ray authoring

Player/Recorder Monitor View

Player side controls capture and source trimming. Recorder side controls timeline operation and trimming.
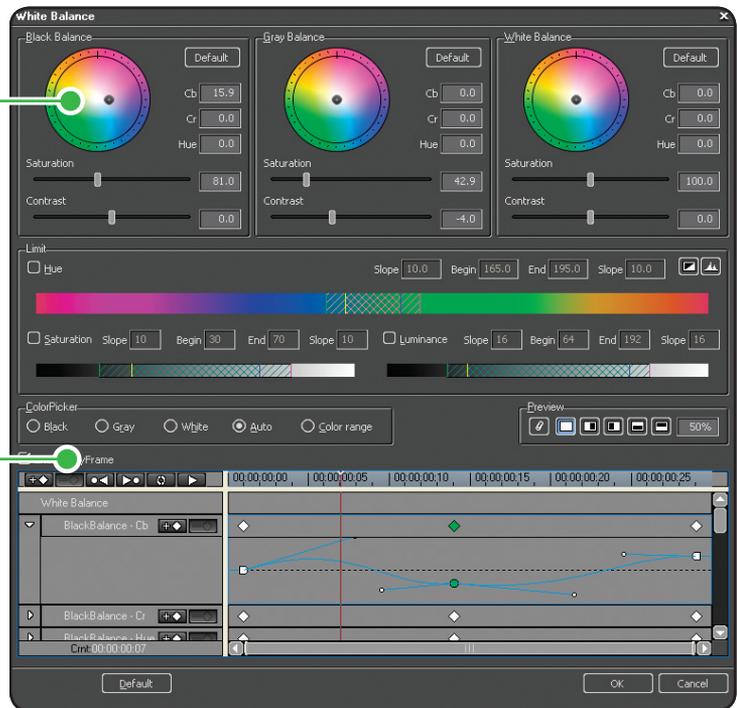
Jog/Shuttle Control

Jog/shuttle control via slider, mouse scroll-wheel, or mouse motion.

Unlimited Video, Audio, and Title Tracks

Edit with unlimited video, audio, and title tracks.

Real-Time Color Correction

Use real-time color correction with an interactive split-screen display and secondary controls. Stack multiple filters for even greater control.

Keyframeable Color Correction

Color correction filters are keyframeable for precise, subtle changes over time.

Unsurpassed Image Quality and Performance

EDIUS software features the revolutionary Canopus HQ codec. Designed with scalable technology, this innovative codec offers the highest image quality and performance available in any HD editing platform. The Canopus HQ codec not only provides superior luma and chroma sampling of HD video, but features an adjustable bit rate for increased video quality when capturing and encoding on high-performance systems.

Flexible Bin Structure

Organize, search, and manage assets with folders and dynamic search results.

Real-Time Audio Mixer and Waveform/Vectorscope

Use the real-time audio mixer for audio adjustments and the real-time waveform/vectorscope to ensure legal output.
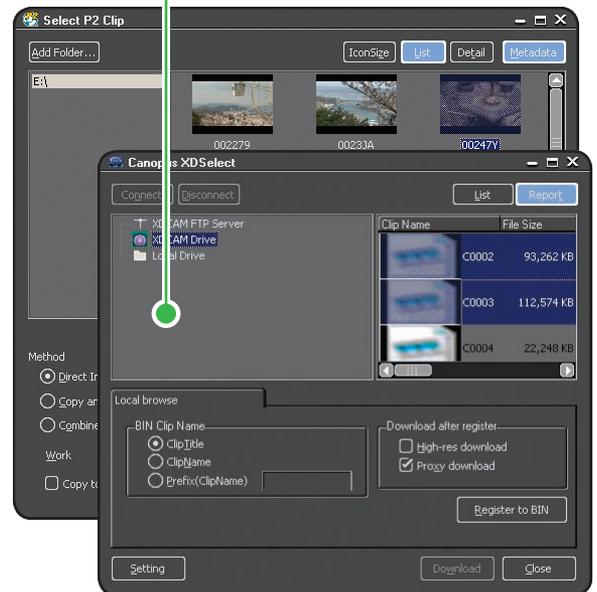
Tapeless Workflow Support

Support for tapeless workflows with metadata preservation for modern file-based production.

GPU-Accelerated 3D Transitions

Harness the power of your graphics card to create real-time, stunning quality transition effects in SD and HD, featuring uniquely native YUV 4:2:2 processing for improved image quality and performance. Using the GPU as an additional, parallel source of computation means that the CPU does not become a bottleneck.
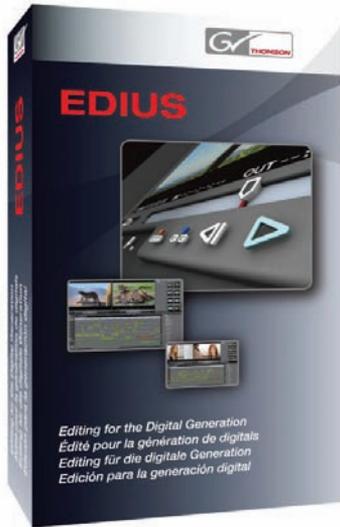
Superior Integration for Tapeless Workflows

EDIUS software provides excellent support for today's tapeless digital workflows including those that use Grass Valley K2 media server/media client systems, as well as Panasonic P2 and VariCam, Sony XDCAM, Ikegami GigaFlash, and popular direct-to-edit (DTE) devices. It doesn't matter whether assets come from tape, disk, network, or a mixture of them all, with EDIUS software, you spend less time worrying—and less time editing, too.

PACKAGE CONTENTS

- EDIUS 5 Installation Disc Set (DVD-ROM)
- USB License Key
- QuickStart Guide

Bundled Software

- NewBlue video filters: Art Effects, Film Effects & Motion Effects
- ProDAD video effects & image stabilization: VitaScene & Mercalli Expert
- iZotope VST audio plug-ins: Audio Effects Suite, AudioRestore, AGC & Mastering Effects Suite
- Corel DVD and Blu-ray authoring: DVD MovieFactory
- Artbeats HD stock footage and graphics
- SmartSound audio software: Trial Version of Sonicfire Pro
- mymusicsource.com: Applet to link directly to My Music for EDIUS music library
- Graham-Patten Systems: GUI Application to control Sonarae audio monitoring processor (Sonarae unit not included)

SPECIFICATIONS

Minimum System Requirements

CPU

Intel or AMD CPU with a 3 GHz processor speed or faster (multiple CPUs and/or multi-core CPUs are recommended. SSE2 and SSE3 instruction set supported)

Memory

1 GB RAM (2 GB or more recommended)

Hard Disk

- 5 GB of hard disk space is required for installation (including third-party software)
- Drive with ATA100/7,200 RPM or faster is necessary for video storage:
  — Available HDD disc space should be twice the size of the file to be edited
  — RAID-0 is recommended for HD resolution editing

Graphics Card

- A graphics card supported by Direct3D 9.0c or later, and PixelShader Model 3.0 or later is required
  — For SD editing: 128 MB or larger required, 256 MB or larger recommended
  — For HD editing: 256 MB or larger required, 512 MB or larger recommended

Sound Card

A sound card with WDM driver support is required

DVD-ROM Drive

- Required for software installation
- Blu-ray Disc writer, DVD-R/RW or DVD+R/RW drive is required when creating Blu-ray Discs or DVDs

USB Port

Free USB port (1.1 or higher) is required for security key

Operating System

- Windows XP Home or Windows XP Professional (SP2 or later, 32-bit)
- Windows Vista (SP1 or later, 32-bit or 64-bit), including the following operating systems:
  — Windows Vista Home Basic
  — Windows Vista Home Premium
  — Windows Vista Business
  — Windows Vista Ultimate

Note: External video decks/cameras may require either a free FireWire (IEEE 1394) port or USB 2.0 port for connectivity.

Service and Support

90-day limited warranty

DEALERS/RESELLERS

To find your local reseller or dealer for Thomson Grass Valley professional audio video products, please visit **desktop.grassvalley.com/sales/.**

SERVICE & SUPPORT

90-day limited warranty with service provided through local resellers. Additional support available on a contractual basis.