EDIUS X
A New Era of Editing

EDIUS X Pro | EDIUS X Workgroup

EDIUS X marks the start of a new era in nonlinear editing. EDIUS X comes with a completely redesigned core engine along with a modular concept allowing even more performance for fully customizable workflows.

For almost two decades, EDIUS has been well known for its stability, benchmark-setting performance and creative tools. EDIUS is used across the industry from broadcast facilities and news agencies, up to government institutions, corporate productions, independent filmmakers, video creators and video enthusiasts.

The new modular design enables Grass Valley to continuously update and enhance the EDIUS X feature set and workflow options to meet upcoming customer demands and to incorporate new technologies (such as machine learning) and web services through ongoing development. All EDIUS X Version 10.*x* releases will be available free of charge during the expected lifecycle of two to three years.

EDIUS X Features

To start, EDIUS X features exciting new modules and functions such as:

- **Background Rendering:** EDIUS X will never ask you to interrupt your editing for a process to finish. This will make your workflow smooth, creative and virtually unstoppable.

- **Background Export:** The new background render engine is also great for exporting files. You will never have to pause your work.

- **GV Job Monitor:** EDIUS X keeps you informed about all background activities and lets you prioritize jobs as needed.

- **VST Plug-in Support:** EDIUS X broadens the support for VST plug-ins, including support for latency compensation along with a powerful WaveShell integration.

- **Layouter Motion Tracking with Chase Mode:** EDIUS X allows you to easily attach a label, animation or video clip to your tracked object.

- **Layouter Motion Tracking with Anchor Mode:** Have your picture automatically reframed with reference to the tracked object. This is great for aspect ratio conversions and virtual multicamera shots.

- **H.265 Export:** EDIUS X speeds up the export rendering time by leveraging NVIDIA GPU support. This is also available with the new background rendering options.

- **GUI Color:** EDIUS X comes with a refined GUI in a darker color. This makes editing even more comfortable, has a cool look and relieves eye strain.

- **Optimized Performance:** EDIUS X is all about performance and a futureproof design. EDIUS X requires Windows 10 or Windows 11 and makes optimal use of advanced technology. This includes hardware acceleration provided by Intel QuickSync as well as a broad GPU support. The new modular design allows utilizing the potential of multicore CPUs more efficiently than ever before.

- **Optimized Audio Sync Performance:** EDIUS X provides an even faster automatic audio sync function, auto-aligning as many clips as your projects require for a smooth multicam editing experience.

- **Native Support for the Latest Cameras and Codecs:** EDIUS X supports the newest codecs and camera releases natively like no other NLE. No need to transcode, just edit!

- **Ongoing Continuous Development:** EDIUS X will continue to expand and grow its toolset with even more creative possibilities. EDIUS X users will benefit from all EDIUS X Version 10.*x* updates available for download free of charge throughout the entire lifecycle of EDIUS X.

EDIUS X comes bundled with three great new modules for optimizing audio, title creation and video effects. All modules are especially customized to utilize EDIUS X's new core design benefits. These are:

- **Audio Optimization:** EDIUS X comes bundled with exclusive EDIUS editions of Acon Digital's Compress, DeNoise, DeVerberate and Limit. These powerful and easy-to-apply audio filters work like a swiss army knife whenever an editor needs to work on correcting and optimizing any audio recording.

- **Professional Titling:** EDIUS X features the New Blue Titler Pro 7 in a special EDIUS X customized version, including an extended template package, ensuring maximal stability and performance. Titler Pro 7 offers new handling and design features for professional titling, animated graphics, rolling titles and lower-thirds.

- **Video Effects & Seamless Transitions:** EDIUS X features proDAD Vitascene V4 EDIUS Edition, including over 100 seamless transitions. All presets can be customized and adapted to the individual footage. The seamless transitions also work great on animating titles and graphics. Additionally, proDAD Vitascene V4 EDIUS Edition includes over 250 great filters and transitions of Vitascene 3 LE.

The regular retail price for these modules is more than US$600. With EDIUS X, you get all three great solutions as part of the EDIUS X package for free.

"
No other video editing system can handle the variety of file formats we receive.

– Grant Salinger, Managing Director, Motionlink

> **Real-time editing capability is a big deal. It allows me to focus on storytelling instead of 'working' an interface...and storytelling is at the core of what we do. In fact, I'd say the best feature of EDIUS is the play button. The play button works, and it works every single time it's used. It's no surprise that the EDIUS logo IS the play button.**
>
> — TheFrank Aldana, Director/Editor/VFX/Voiceover Artist, Red Ei8ht Inc.

A New Era of Editing

With the upcoming EDIUS X Version 10.*x* releases, Grass Valley will continuously update and enhance EDIUS X with new functions and workflow options with every free update during its lifecycle of two to three years.

As EDIUS X is a milestone and the first release of the newest generation, users can expect not only new functions, but also extended and all-new workflow options. Among many other enhancements, the upcoming releases of EDIUS X Version 10.*x* are expected to feature:

- Teamwork editing, including the sharing of content and projects
- Enhanced project parameter change options
- Enhanced workflow options utilizing the cloud

- Intelligent handling of metadata for optimized media management
- Diagnostics and auto-bulk-optimization of audio and video clips
- Enhanced SDK and REST API for third-party developers, allowing a perfect integration

The enhanced SDK will make EDIUS X Version 10.*x* a perfect partner for complementary solutions, allowing a tight and deep integration. This will also allow inclusion of cloud services leveraging machine learning skills. Third-party solutions will also be able to communicate with EDIUS X via the new REST API, allowing tailormade applications and further possible expansions.

Cloud-based machine learning skills might feature future tasks like audio transcriptions or offer object recognition services combined with an automated metadata tagging and exchange with EDIUS, Mync and other compatible MAM systems through the new core EDIUS X datahub.

With EDIUS X, we invite you to be part of this journey. Find out how much your editing experience will benefit from EDIUS X and enjoy a new world of possibilities.

For more in depth information about EDIUS, trial downloads, free tutorials, podcasts and authorized EDIUS dealers nearby, please visit www.EDIUS.NET.

Mync

Mync, included in EDIUS X, is a powerful media management application which allows you to manage all your video, audio and still image assets in preparation for editing in EDIUS. Mync is smart — when you connect a removable drive or card reader to your system, it will automatically detect supported formats and display them in the clip bin window. In addition, metadata such as comments and ratings can be registered, and it is equipped with a full range of functions such as storyboard video editing, smart search, import history, duplicate file search, encoding, uploading, and HDR preview.

EDIUS X Bonus Contents

Powerful new filter plug-ins are bundled with EDIUS X to enhance the effect capabilities.

Acon Digital EDIUS Editions

Acon Digital develops cutting-edge audio editing software and processing tools. The wide range of products covers audio editing, restoration, mastering and effects processing — all conceived with ultimate audio quality and usability in mind.

The Acon Digital EDIUS Editions filters bundled in EDIUS X provide capabilities to enhance speech audio quality by removing background noise (DeNoise), reducing reverberation (DeVerberate), preventing audio from clipping (Limit) and compressing audio or applying a noise gate (Compress). The filters all come with multiple presets to simplify the workflow.

ProDAD Vitascene V4 EDIUS Edition (EE)

Vitascene V4 EDIUS Edition offers more than 300 transitions and video filters, with new Smooth Transitions and glow effects. Users can also create individual effects as well or change presets, and new features also include special In/Out effects with Motion Blur for graphics and titles.

NewBlue Titler Pro 7 for EDIUS X

Titler Pro 7 is the industry standard in titling software for video editors. It allows users to deliver exceptional production value with stunning 3D animated titles and motion graphics — all directly from the EDIUS timeline. This special bundle for EDIUS X also includes the Social Media Template Collection, with animated presets for social media video.

New Features

New Features — Version 10.32

- EDIUS X Pro/Workgroup
  - Support "N-RAW" of Nikon Z9
  - Support proxy editing of N-RAW files and ProRes RAW files shot by Nikon cameras
- EDIUS X Pro
  - Add 8K editing/exporting function

New Features — Version 10.31

- EDIUS X Pro/Workgroup
  - Support Canon Cinema RAW Light of Canon EOS C70 / EOS R5 C

New Features — EDIUS X Hub

- External rendering for EDIUS X Workgroup

New Features — Version 10.30

- EDIUS X Pro/Workgroup
  - Paste clip attributes
  - Skip frame playback
  - Set clip marker in the timeline using shortcut key
  - Waveform display on timeline sequence clip
  - Clip marker display on timeline sequence clip
  - Custom GUI layout using shortcut key
  - Windows 11 support

New Features — Version 10.20

- EDIUS X Pro/Workgroup
  - Background file conversion in Bin
  - ProRes RAW color space selection
  - Job Tab (Background rendering monitoring)
  - H.264/AVC file export with hardware encoder in NVIDIA graphics cards
  - MP3 audio file export
  - Import of XAVC 8K material

New Features — Version 10.10

- EDIUS X Pro/Workgroup
  - Added analysis items to Layouter Motion Tracking (Scale and Rotation)
  - Clip marker thumbnail display on marker window (Sequence and Clip)
  - Render and Add to Timeline (Between In/Out)

New Features — Version 10.00

- EDIUS X Pro/Workgroup
  - Background rendering
  - Background export
  - GV Job Monitor (background work monitoring)
  - VST plug-in improvement (supports "latency" and "shell")
  - Motion tracking in Layouter (Anchor mode/Chase mode)
  - H.265 export using NVIDIA graphics card
  - GUI color change (darker)
  - Optimize operation performance
  - Acceleration of multicam audio sync engine
  - Draft preview
- EDIUS X Workgroup only
  - 8K project setting
  - 8K file export (H.265/HEVC, ProRes, DNxHR, HQX, P2 8K SHV Exchange Format)

Key Features

- Edit media files with different resolutions from 24x24 to 8K
- Support for the latest file formats — Sony XAVC (Intra/Long GOP)/XAVC S/XDCAM, Panasonic AVC-Ultra/AVC-Intra/P2 and Canon XF-AVC/XF-HEVC (import only), Sony RAW, Canon Cinema RAW/Cinema RAW Light (import only), RED RAW (import only), ProRes, DNxHD/HR (option), still image RAW and more...
- Support for the latest color space for Log and RAW files - HLG/PQ, S-Log, Canon Log, V-Log/V-Log L, J-Log1, F-Log, Log C, D-Log, N-Log, OM-Log400 and LUT (.cube) file import
- Fastest AVCHD and DSLR video editing on the market
- Real-time conversion of frame rates on the same timeline delivers more efficient editing into the hands of editors
- Fast, flexible user interface, including unlimited video, audio, title and graphics tracks
- HDR editing (HDR/SDR gain and tone mapping)
- Superior 4K HDR workflow, including support for Blackmagic Design/AJA hardware (preview only)
- Export in 4K HDR for broadcasting and web distribution
- Mync (media management software) bundled with EDIUS X implements a powerful new Meta Smart Search function and HDR support (preview, storyboard, export)
- Primary color correction (RGB) for color grading
- 3-way color correction (YUV)
- 60/50p timecode display
- New video scope supporting HDR
- Multicam editing of up to 16 different sources simultaneously, with video output support
- Fast and accurate multicam audio sync engine
- Various proxy editing modes for next-generation workflow helps extend usability and increase ROI
- High quality motion tracking (adopt "Hybrid Tracker")
- High quality slow-motion (optical flow and advanced matching)
- High-speed and high-quality stabilizer
- High-performance video Layouter
- Various synthetic video filters such as masks and keyers
- Accelerated 4K H.264/H.265 playback using Intel Quick Sync Video
- Fast and high-quality H.264/AVC decoder and encoder (for fast encoding of 4K XAVC)
- Fast and high-quality MPEG decoder and encoder
- Fast handling of large quantities of still image files (JPG, TGA, DPX, Cinema DNG and others)
- Closed Caption view, scc/mcc file import and export
- RED RAW decode GPU support
- Apple ProRes export
- Apple ProRes RAW decode
- Apple MOV (H.264/H.265) export
- Blackmagic RAW decode
- Blackmagic Film Gamma support
- Direct to Blu-ray Disc and DVD timeline export
- Project import/export as EDL, AAF, FCP 7 XML (import only)
- OFX Plug-in bridge support
- Ability to save a current project as a template in order to re-use preferred track settings, screen layout, etc.
- Support for high-resolution displays

EDIUS X Workgroup Only

- Built-in loudness meter with auto adjustments
- Dolby consumer license included as standard, which is applicable to corporate and consumer use of Dolby audio. For use in broadcast applications, the Dolby Professional/Plus license is available as an option for EDIUS X Workgroup
- Third-party hardware 4K and UHD 50/60p output support
- Monitor control (synchronize color space setting)
- Video-out conversion

Free Downloads

- Audio Plug-in: Acon Digital — Compress/DeNoise/DeVerberate/Limit EDIUS Editions
- Video Transition/Effect Plug-in: ProDAD — Vitascene V4 EDIUS Edition
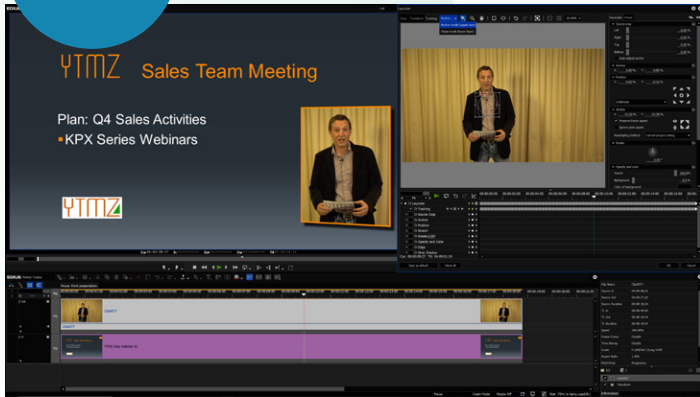- Titler: New Blue — Titler Pro 7 for EDIUS X
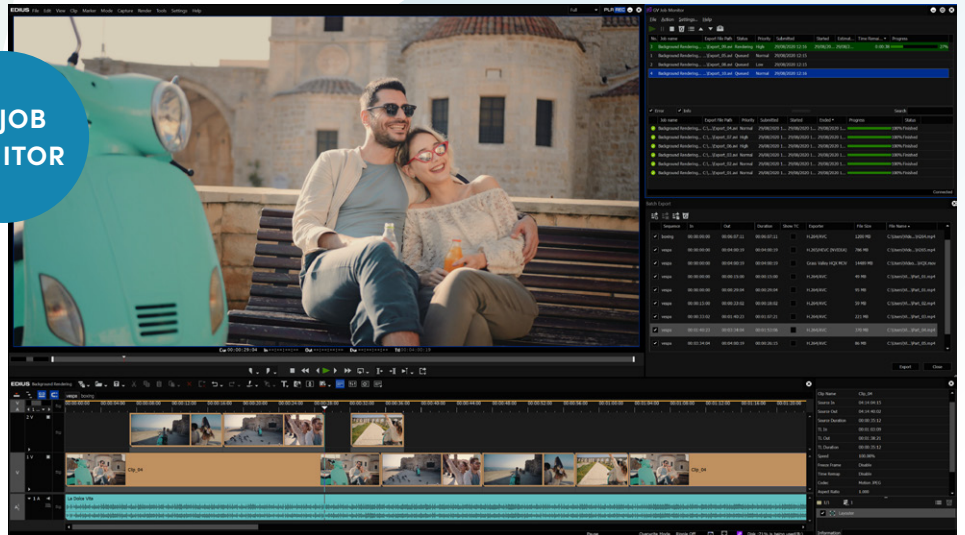- OFX Plug-in Bridge

MAIN INTERFACE

Motion Tracking in Layouter

ANCHOR MODE

CHASE MODE

GV JOB MONITOR

Specifications

Minimum System Requirements (standalone):

CPU

CPU with AVX2 support: Intel 4th Gen or newer or equivalent AMD CPU*

Memory

8 GB RAM or more | for 4K projects 16 GB or more*

Hard Disk

6 GB of hard disk space for installation, fast drive for video storage

Graphics Card

1 GB VRAM or more | for 4K projects 2 GB or more*

Sound Card

Sound card with WDM driver support

Network

Internet connection required for initial software license activation, thereafter once per month to maintain usage | Offline activation and usage possible for EDIUS X Workgroup

OS

Windows 11-64-bit version

Windows 10 64-bit version 1903 or later

Changes can be made at any time without notice.

Supported Languages

English, Japanese, French, German, Italian, Spanish and Chinese (traditional, simplified)

Grass Valley Hardware I/O

– STORM 3G: 3G-SDI I/O + HDMI output + RS-422 control
– STORM Pro: HD-SDI I/O + HDMI output

Hardware I/O from Third-party Vendors

Blackmagic Design:

– Intensity Pro 4K, DeckLink SDI 4K, DeckLink Studio 4K, DeckLink 4K Extreme 12G, DeckLink Mini Monitor 4K, UltraStudio 4K Mini, DeckLink 8K Pro
– Note: Only supports video preview. EDIUS X Pro: up to 4K 30p. EDIUS X Workgroup: up to 4K 60p. Please check the online FAQ for details.

AJA Video Systems:

– KONA 5, Io 4K Plus, KONA 4, KONA 3G, KONA LHi, Io 4K, KONA 1 , T-TAP Pro
– Note: Supports video preview. EDIUS X Pro: up to 4K 30p. EDIUS X Workgroup: up to 4K 60p.
– Note: KONA 5 and KONA 1 supports video capture (no Deck control) EDIUS X Pro: up to 4K 30p. EDIUS X Workgroup: up to 4K 60p. Please check the online FAQ for details.

Optical Drive

Blu-ray Disc writer is required when creating Blu-ray Discs

DVD-R/RW or DVD+R/RW drive is required when creating DVDs

Service and Support

Please visit www.grassvalley.com/about/terms_conditions

Updated for Version 10.00, September 2020

* Please visit our website for details

List of supported Intel CPU generations for H.265 (HEVC) export using Intel Quick Sync Video

Generation	4:2:0 8-bit	4:2:0 10-bit
6th generation	Yes	No
7th generation	Yes	Yes
8th generation	Yes	Yes

Memory

Project Format		RAM		Video Memory	
Resolution	depth	minimum	recommended	minimum	recommended
SD and below	8-bit	4 GB	8 GB	256 MB	512 MB
	10-bit	4 GB	8 GB	512 MB	1 GB
HD	8-bit	8 GB	16 GB	512 MB	1 GB
	10-bit	8 GB	16 GB	1 GB	2 GB
Over 4K	8-bit	16 GB	32 GB or more	2 GB	2 GB or more
	10-bit	16 GB	32 GB or more	2 GB	2 GB or more

EDIUS X Language Selection

The EDIUS GUI conforms to the OS language setting.

EDIUS X Version Serial Number	English	German	French	Italian	Spanish	Chinese Traditional	Chinese Simplified	Japanese
Worldwide Serial Number	Yes	Yes	Yes	Yes	Yes	Yes	No	No
China Serial Number	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Japan Serial Number	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

> **"**
> **EDIUS allows us to cut the shows fast and efficiently, yet the viewer thinks we're switching live. That's what makes me the most proud. When a fan who attended the show enjoys the video, I know we've done something right.**
>
> — Jara Wallace, Director and Head of Post-production, TourGigs

Ordering

EDIUS X Pro

EDIUS X Pro Upgrade
(Upgrade from EDIUS Pro 9 and Workgroup 9)

EDIUS X Pro Jump Upgrade
(Upgrade from EDIUS 2 - 8 / EDIUS Neo)

EDIUS X Pro Education
(Requires proof of full-time educational status and is not upgradable)

EDIUS X Workgroup

EDIUS X Workgroup Upgrade
(Upgrade from EDIUS Workgroup 9 / License-only)

EDIUS X Workgroup Jump Upgrade
(Upgrade from EDIUS 2 - 8 / EDIUS Neo / EDIUS X Pro)

EDIUS X Workgroup Education
(Requires proof of full-time educational status and is not upgradable)
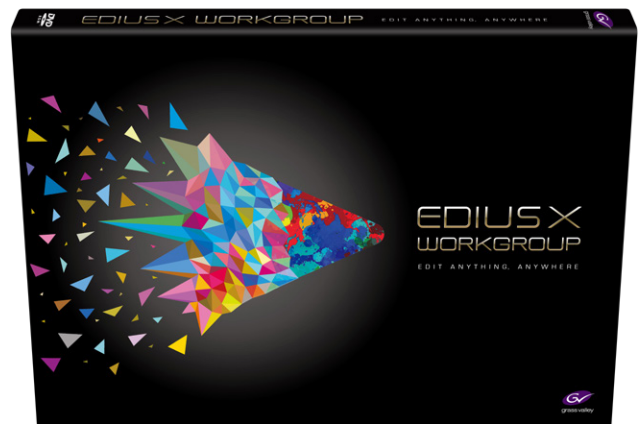
Option

DNxHD/HR Option for EDIUS X Pro
Dolby Digital Plus/Professional Option for EDIUS X Workgroup

EDIUS X Hub

EDIUS X Hub Server
EDIUS X Sharing Option
EDIUS X Render Option

www.grassvalley.com Join the Conversation at GrassValleyLive on Facebook, Twitter, YouTube and Grass Valley on LinkedIn