



Grass Valley

EDIUS[®] X

EDIT ANYTHING. FAST

Release Notes

Software Version 10.30.8244 (December 2021)

www.grassvalley.com

Grass Valley® Product Support

For technical assistance, to check on the status of a question, or to report a new issue, contact Grass Valley Product Support via email.

Web Technical Support

To access support information on the web, visit the product support webpage on the Grass Valley website. You can download software or find solutions to problems by searching our Frequently Asked Questions (FAQ) database.

- World Wide Web: <http://www.grassvalley.com/support/>
- Worldwide Technical Support: [Please use our online form](#)

Important Notification

Supported OS

Windows 7 OS is no longer supported. You are only able to use EDIUS X on Windows 10 OS and Windows 11 OS.

If Windows Defender SmartScreen prevents the installer from starting

If Windows Defender SmartScreen prevents the installer from starting, please follow the following steps.

- 1) Right-click the installer file then select "Properties"
- 2) Open "Digital Signatures" tab then make sure the file has the digital signature of "GRASS VALLEY K.K."
- 3) Open "General" tab then check [Unlock] checkbox
- 4) Click [Apply] button, then click [OK] button
- 5) Start the installer again

Using with Floating License Server

If Floating License Server is being used, its version has to be the same (or upper) as EDIUS X.

Precautions when using subscription licenses

Subscription licenses have the following restrictions:

- Bonus Contents for EDIUS X including the OFX Bridge are not available
**OpenFX plugins cannot be used because the OFX Bridge is not available*
- Disc Burner is not available
- H.264/AVC Blu-ray and Blu-ray 3D exporters are not available
- Internet connection is required for regular online validation of the licenses and the eID even for Workgroup
- The same license is not allowed to be installed on two computers at the same time
**Some types of perpetual licenses are permitted to be installed on up to two computers per license only for use by a single user under certain conditions*

If the above restrictions are an issue, please consider purchasing perpetual licenses.

About offline usage

From 10.30, the maximum offline usage period for licenses that require Internet access regularly, such as EDIUS X Pro, is shortened from 60 days to 30 days.

Updating from an earlier build

If you update EDIUS X from build 10.20 or earlier, the entry screen for eID appears at the first startup.

- You can skip the eID validation only if Workgroup license is used
- If Workgroup license is used and you have already skipped eID validation before, the entry screen for eID doesn't appear

- Internet connection is required for eID validation

If you update EDIUS X from build 10.21 or earlier, the following settings of GV Job Monitor will be reset to the default settings:

- Window colors
- Display settings of jobs

EDIUS X System Requirements

The following are the system requirements of this build.

| | |
|---------------|---|
| CPU | CPU with AVX2 support: Intel 4th Gen or newer or equivalent AMD CPU. |
| Memory | 8 GB or more RAM for SD/HD projects. 16 GB or more or 4K/8K projects. |
| Hard Disk | 6 GB of hard disk space for installation. SSD or drive with SATA/7,200 rpm or faster for video storage. |
| Graphics Card | 1 GB VRAM or more for SD/HD projects. 2 GB or more or 4K/8K projects. 1024x768 32-bit or higher resolution. Direct3D 9.0c or later and PixelShader Model 3.0 or later. |
| Sound Card | Sound card with WDM driver support. |
| 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. |
| Network | Internet connection is required for validation of license and eID *EDIUS Pro and subscription licenses require internet connection regularly for validation |
| OS | Windows 10 64-bit version 1903 or later. Windows 11 64-bit |

**System requirements are subject to change without notice*

New Features of Version 10.30.8244

This build provides the following additional / improved features:

EDIUS

- Added a feature to copy attributes of a clip to another
- Added a shortcut key to set clip markers to a clip on the timeline
- Added a feature to show audio waveform of a timeline sequence loaded on the timeline
- Added a feature to show clip markers and sequence markers in timeline sequences loaded on the timeline
- Supports Windows 11
**See EDIUSWorld.com [FAQ](#) for more details*
- Supports variable frame rate MP4 files
- Added Frame Skip Playback feature to normal playback

- Supports reading / writing timecode from / to H.265/HEVC Timecode SEI
**Hardware encode doesn't support this feature*
- Added a feature to write timecode to H.264/AVC Picture Timing SEI
**Hardware encode doesn't support this feature*
- Added a feature to show a warning during installation if the installed Blackmagic Design DeckLink driver is older than the required version
- Supports importing not only Ch1 and Ch2 but also all audio channels during XAVC proxy editing
**Ch3 and later will be silent during proxy editing*
- Added a feature to automatically set a destination file name to the exporters
- Supports file conversion of multiple clips in different formats at once
- Added shortcut keys to apply window layouts
- Supports exporting interlaced H265/HEVC files
- Added a shortcut key for "Larger Slider" feature on the Player window
- Supports previewing with AJA T-TAP Pro
**For this device, recommended AJA driver is v16.1.0.5*
**For the other AJA devices, v15.5.3 is recommended*
**See EDIUSWorld.com [FAQ](#) for more details*
- Improved memory management
- H.265/HEVC software encoder is available
- Editing growing MXF files fed by Sony XDS series of XDCAM Station is available
**Workgroup only*
- Follows the latest P2 8K 422 format specifications (v1.12)
- Upgraded Blackmagic RAW SDK to v2.2 so the following Blackmagic RAW clips are now supported:
 - Clips shot by Panasonic Lumix S1, S5, S1H, GH5S, BGH1 and BS1H with Blackmagic Video Assist
 - Clips shot by Fujifilm GFX100 and GFX100S with Blackmagic Video Assist
- Modified the format of GPS data in the Properties dialog to improve readability
- Added a feature to display GPS data of MOV clips in the Properties dialog

Mync

- Supports Windows 11
**See EDIUSWorld.com [FAQ](#) for more details*
- Supports variable frame rate MP4 files
- Supports reading / writing timecode from / to H.265/HEVC Timecode SEI
**Hardware encode doesn't support this feature*
- Added a feature to write timecode to H.264/AVC Picture Timing SEI
**Hardware encode doesn't support this feature*
- Supports exporting interlaced H265/HEVC files
- Improved memory management
- H.265/HEVC software encoder is available

- Upgraded Blackmagic RAW SDK to v2.2 so the following Blackmagic RAW clips are now supported:
 - Clips shot by Panasonic Lumix S1, S5, S1H, GH5S, BGH1 and BS1H with Blackmagic Video Assist
 - Clips shot by Fujifilm GFX100 and GFX100S with Blackmagic Video Assist
- Modified the format of GPS data in the Properties pane to improve readability
- Added a feature to display GPS data of MOV clips in the Properties pane

Update History

The following issues are fixed or improved in this version:

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- [Go to Previous Marker] and [Go to Next Marker] buttons on the Marker palette don't work if either of them is clicked quickly and repeatedly
- EDIUS X creates a clip with silent audio channels on batch export even though no audio output is selected (SFDC00793539)
- EDIUS X doesn't recognize metadata of high frame rate clips shot by Panasonic Semi-Pro
- Video images of a rendered clip will be broken if the clip has Alpha Custom Map transition and the settings dialog of Alpha Custom Map is opened then closed
- EDIUS X doesn't recognize the timecode of clips in CBVIDEO format made by Panasonic Media Bridge or P2 Cast
- Panasonic KAIROS streaming output cannot be loaded if the material is recorded with Panasonic Media Bridge
- Video images of Blackmagic RAW clips are zoomed unintentionally during draft preview mode
- Error #2F19 appears during EDIUS is starting up if "Use proxy server" is enabled at GV License Manager (SFDC00804222)
- EDIUS proxy is generated even for XAVC proxy only clips
- The names of imported XAVC proxy clips have the extra word "S03" at the end
- Export jobs are suspended until all of waveform cache generation jobs are complete
- EDIUS crashes if gradation direction value of color matte is deleted (SFDC00776583)
- Block noise appears in MPEG2 MXF clip that is exported with segment encode option (SFDC00780578)
- Fragmented MP4 file exported by MP4 exporter doesn't have colr/nclx (color information) box
- Importing a MOV file fails if it has Dolby Digital (AC-3) or Dolby Digital Plus (EC-3) audio
- Empty timeline appears if you click [OK] on the toast from the render engine while the startup dialog is displayed
- Licenses are lost if EDIUS receives an unexpected web page during online validation of eID and licenses (SFDC00763920)

- EDIUS crashes when closing Mask filter settings dialog
- Hardware decoder is unable to decode H.265 4:2:2 10bit clips if the CPU is one of 11th Gen Intel Processors
- Timecode in GOP headers of a MPEG2 clip is not read properly if the clip's frame rate is 59.94p or 50p
- Cancellation of partial rendering is not reflected properly in the timeline
- Drawing of a clip marker's duration becomes incorrect if the in point of the parent clip is set to the inside of the marker duration
- File conversion of a sequence clip doesn't work properly if the source file name is ended with a number after '_' (underscore)
- H.265 files exported by hardware encoder is wrong
- Hardware encoder is unable to encode H.265 4:2:2 10bit files if the CPU is one of 11th Gen Intel Processors
- Clip on the timeline can be expanded beyond the top of the timeline
- Chromakey settings don't persist if the settings dialog has never been opened (SFDC00790785)
- AVCUltra Long-G 25 MXF file exported by EDIUS won't be played by QuickTime Player
- Exporting to a ProRes MOV file fails if the timeline contains XDCAM nested sequence (SFDC00797211)
- H.264 files exported by EDIUS won't be decoded properly by the built-in software decoder of Google Chrome
- DNxHR444 file whose color range is Full-Range is not imported correctly
**Limitation: After importing it, you have to change the "Color Range" to "white" at the properties dialog manually*
- In Japanese UI, location of "Render and Paste" menu item appears at a wrong location
- If "Link only files that match exactly" option is enabled at Restore and Transfer Clips dialog, proxy editing clips cannot be replaced with the hi-res clips
- The value of Video Bitrate property shown in Bin is not correct if the bitrate of a clip is 4Gbps or more
- EDIUS doesn't export P2 spanned clips properly (SFDC00802410)
- Loop playback can't be stopped on effect settings dialogs of certain GPU transitions
- Adjusting effect settings cannot be previewed if the effect has already been rendered

Mync

- Incorrect thumbnail appears for a certain CR3 clip
- Mync doesn't recognize metadata of high frame rate clips shot by Panasonic Semi-Pro
- Mync doesn't recognize the timecode of clips in CBVIDEO format made by Panasonic Media Bridge or P2 Cast
- Error #2F19 appears during Mync is starting up if "Use proxy server" is enabled at GV License Manager (SFDC00804222)
- The names of imported XAVC proxy clips have the extra word "S03" at the end
- Importing a MOV file fails if it has Dolby Digital (AC-3) or Dolby Digital Plus (EC-3) audio

- Licenses are lost if Mync receives an unexpected web page during online validation of eID and licenses (SFDC00763920)
- Hardware decoder is unable to decode H.265 4:2:2 10bit clips if the CPU is one of 11th Gen Intel Processors
- Timecode in GOP headers of a MPEG2 clip is not read properly if the clip's frame rate is 59.94p or 50p
- H.265 files exported by hardware encoder is wrong
- Mync fails to get / upload files from / to us-east-1 region of AWS (Only Mync Cloud)
- H.264 files exported by Mync won't be decoded properly by the built-in software decoder of Google Chrome

Known issues

This build has these known issues:

EDIUS

- Frame number of source timecode is always shown as even number in 50p/60p clips
- There is a security software that detect EDIUS.exe as a malware
- Encoding in Dolby Digital Professional/Plus changes the volume of audio
- Standalone GV Job Monitor requests "EdiusHubPackage.msi" when it is launched
Workaround: Use EDIUS integrated GV Job Monitor
- Two "EDIUSX" items appear in "App & Features" in Windows settings
- Decoding H.264 / H.265 clips by using hardware decoder makes EDIUS unstable if the CPU is one of 11th Gen Intel Processors and a NVIDIA GPU is installed
Workaround: Stop using hardware decoder or the NVIDIA GPU
- MPEG2 Elementary Stream exporter fails to add the resultant file to the Bin
- AVCHD Writer exporter fails to export files
- MPEG2 Elementary Stream exporter fails to export files
- Alpha matte conversion fails
Workaround: Set TC Preset in the project settings to "00:00:00:00"
- Installed option licenses don't work properly until the OS is restarted
Workaround: Restart OS after installing option licenses
- Some of third party plug-ins and Bonus Contents cannot be uninstalled or updated properly if EDIUS is installed
Workaround: Uninstall EDIUS temporarily before uninstalling or updating plug-ins
- EDIUS freezes when decoding H.264 / H.265 clips by using hardware decoder if the CPU is one of 12th Gen Intel Processors
Workaround: Stop using hardware decoder

Mync

- Decoding H.264 / H.265 clips by using hardware decoder makes Mync unstable if the CPU is one of 11th Gen Intel Processors and a NVIDIA GPU is installed
Workaround: Stop using hardware decoder or the NVIDIA GPU
- Installed option licenses don't work properly until the OS is restarted

Workaround: Restart OS after installing option licenses

- Mync freezes when decoding H.264 / H.265 clips by using hardware decoder if the CPU is one of 12th Gen Intel Processors

Workaround: Stop using hardware decoder

Design Limitations

Restrictions by no support of QuickTime for Windows

In both EDIUS X and Mync, QuickTime modules are no longer used even though installing QuickTime Essentials. As the result, the following file formats are no longer supported:

- Still Image File Formats: Flash Pix; Mac Pict; QuickTime Image
- Video File Formats (Import / Export): M4V or some MOV file formats
**MOV files whose video formats are general ones such as MPEG-2, H.264/AVC, ProRes, etc. are able to be imported / exported*
- Video File Formats (Export): 3GP (MOV); 3G2 (MOV)
- Audio File Formats: MOV (other than Linear PCM and AAC); QuickTime Audio

IMPORTANT NOTE

If loaded project contains type of above clips, they will be off-line in EDIUS X