XRE Transcoder

Multiformat / codec Video File Transcoder

Software version 9.55.9157

Release Notes
August, 2022

www.grassvalley.com

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Important Notification

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) Run the installer again

Upgrading XRE Transcoder

If you upgrade the XRE Transcoder, run both XRE Transcoder and XRE installer. Ensure that upgraded build number matches between XRE Transcoder and XRE.

Using in EDIUS ecosystem

Grass Valley recommend matching the build between XRE Transcoder and EDIUS.

System Requirements

The following are the system requirements of this build

CPU	Any Intel Core 2 or Core iX CPU. Intel or AMD single core CPU with a 3 GHz processor speed or faster (multiple CPUs and/or multicore CPUs are recommended). SSSE3 (Supplementary SSE3) instruction set support required.
Memory	16 GB or more RAM
Hard Disk	6 GB of hard disk space for installation. SSD or hard drive with SATA/7,200 rpm or more is recommended.
Network	Internet connection is required for validation of license
OS	- Windows 7 64‑bit (Service Pack 1 or later) - Windows 8 / Windows 8.1 / Windows 10 64‑bit - Windows Server 2008 / Windows Server 2012 / Windows Server 2019

System requirements are subject to change without notice

New Features / Fixed Bugs

New Features

No new feature provided in this build

Fixed Bugs

The following issues are fixed or improved in this version:

- Transcoded clip has incorrect footage size when transcoding certain clip with rotation information (SFDC00797213)
- EdiusRenderer crashes while transcoding certain AVCHD clips repeatedly (SFDC00796950, 00799208)
- Footage appears while transcoding certain MPEG4 visual file (SFDC00819814)
- Tmecode mode conversion doesn't work while transcoding (SFDC00815044)

Design Limitations

Using Windows Media Video (.wmv) Clips as Source

XRE Transcoder requires to install Desktop Experience if the XRE Server is running on Windows Server OS. Please follow the below steps to install the feature.

NOTE: It will take approx. 20-30 min for installation and the XRE server will need to be restarted afterwards

1) Open Windows Control Panel then choose Program and Features
2) Click 'Turn Windows features on or off'
3) Server Manager screen will appear. Right-click on Features then choose [Add Features] context menu
4) Add Features wizard will run. Check 'Desktop Experience' then click [Next] button
5) You will be asked to add Ink and Handwriting Services. Click [Add Required Features] button
6) Click [Next] button
7) Click [Install]. The selected features will be installed
8) Click [Close] button
9) You will be asked to restart the server. Click [Yes] button to finish the installation of features
   * If you click [No], you will need to restart the server manually. Installation of selected features is not finished until restarting the server.
10) Installation will resume after restarting the server. Once it has finished, click [Close] button

Using QuickTime clips as Source

If you use below QuickTime clips as source, you need to install QuickTime Essentials:

- Still Image File Formats: Flash Pix; Mac Pict; QuickTime Image
- Video File Formats: 3GP; 3G2; M4V or some MOV file formats
- Audio File Formats: MOV (other than Linear PCM and AAC); QuickTime Audio

To install Quick Time Essentials, refer to the guide.
Once Quick Time Essentials installed, turn on Quick Time importer on both XRE Transcoder and XRE AdminConsole

1) Choose [Setting] > [Plug-in settings] in XRE Transcoder
2) Plug-in settings will appear. Go to Quick Time pane then check "Enable QuickTime Importer" option
3) Click [Apply] then [OK] button
4) Open XRE AdminConsole then double-click Plug-in icon
5) Plug-in settings will appear. Go to Quick Time pane then check "Enable QuickTime Importer" option
6) Click [Apply] then [OK] button

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