Cinegy Player PRO 22

© Cinegy GmbH

Built 18.11.2026

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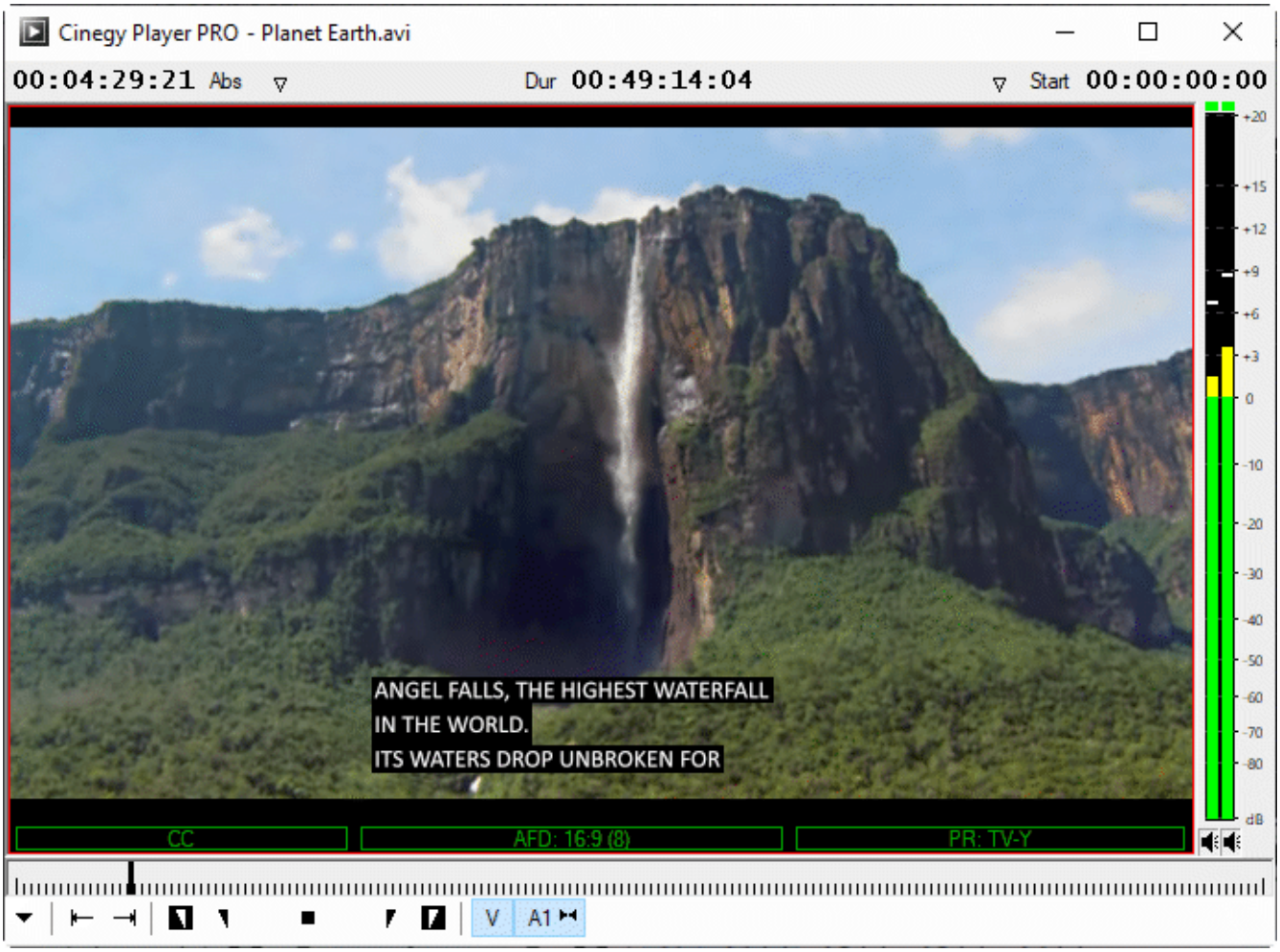
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Preface

Cinegy Player PRO is a modern cross-functional media player, designed for broadcast and post-production professionals, using the same cutting-edge technologies that underlie all Cinegy product line.

Cinegy Player PRO provides a user-friendly interface to play video files, display status and technical information, apply simple effects, and implement real-time changes to color values, zoom and pan in and out, while playing at full frame rate.

Whether decoding files locally or across the network, Cinegy Player PRO provides high performance while adding features beyond simple video or audio playback.



User Manual

Chapter 1 Installation

To install Cinegy Player Pro on your computer, open the "Cinegy Player PRO" folder and run the CinegyPlayerPRO.Setup.exe file. The setup wizard will be launched:



Read the License agreement and check the box to accept its terms. Press "Next" to proceed with the installation process.

Package components are listed in the following dialog:



Cinegy License Manager is included in the Cinegy Player PRO installation package. It is used for viewing and managing licenses.

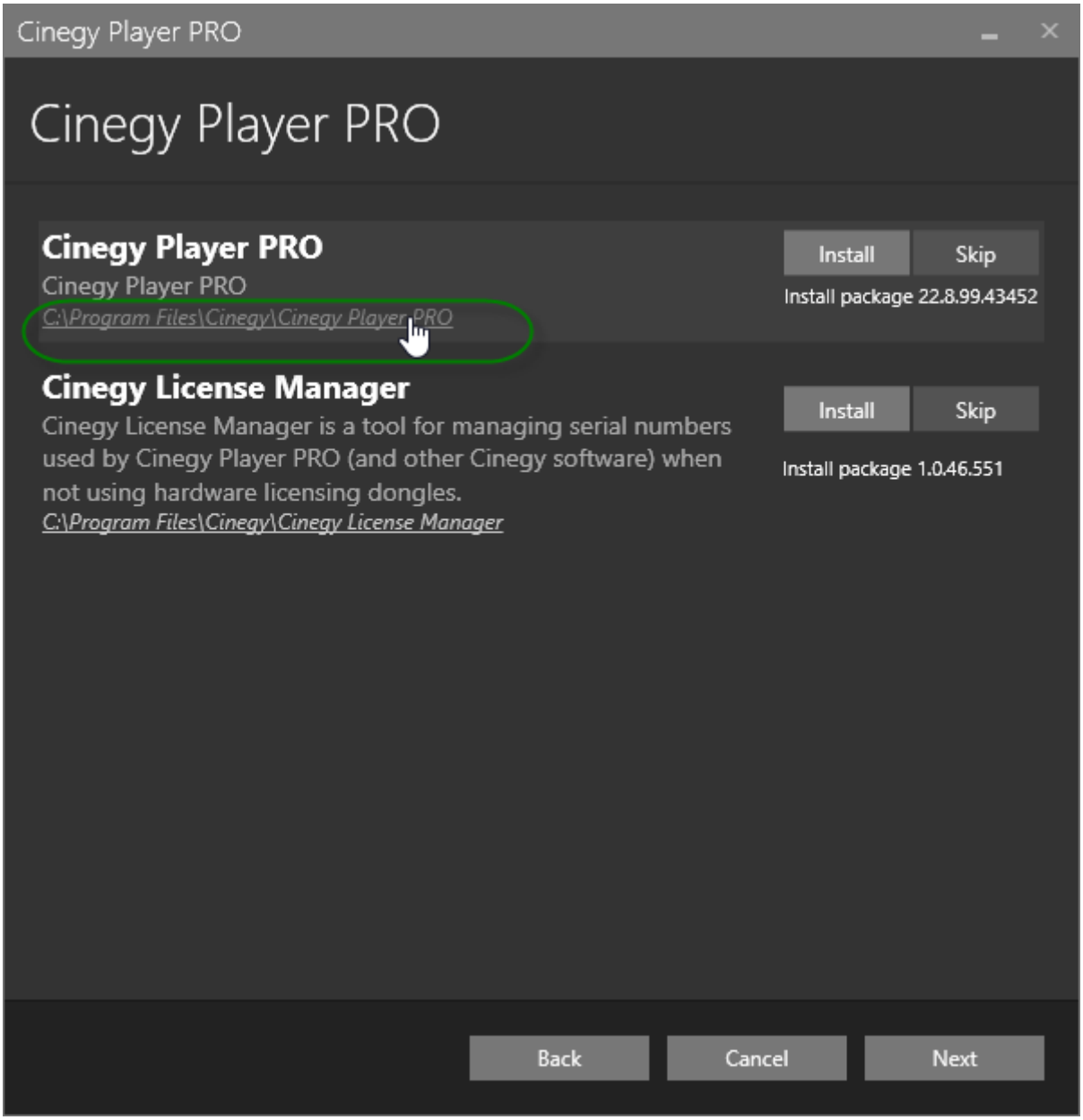


Installation of the Cinegy Player PRO component is enabled by default and is indicated by the "Install" option next to the component name.



The "Skip" option next to the component name disables its installation.

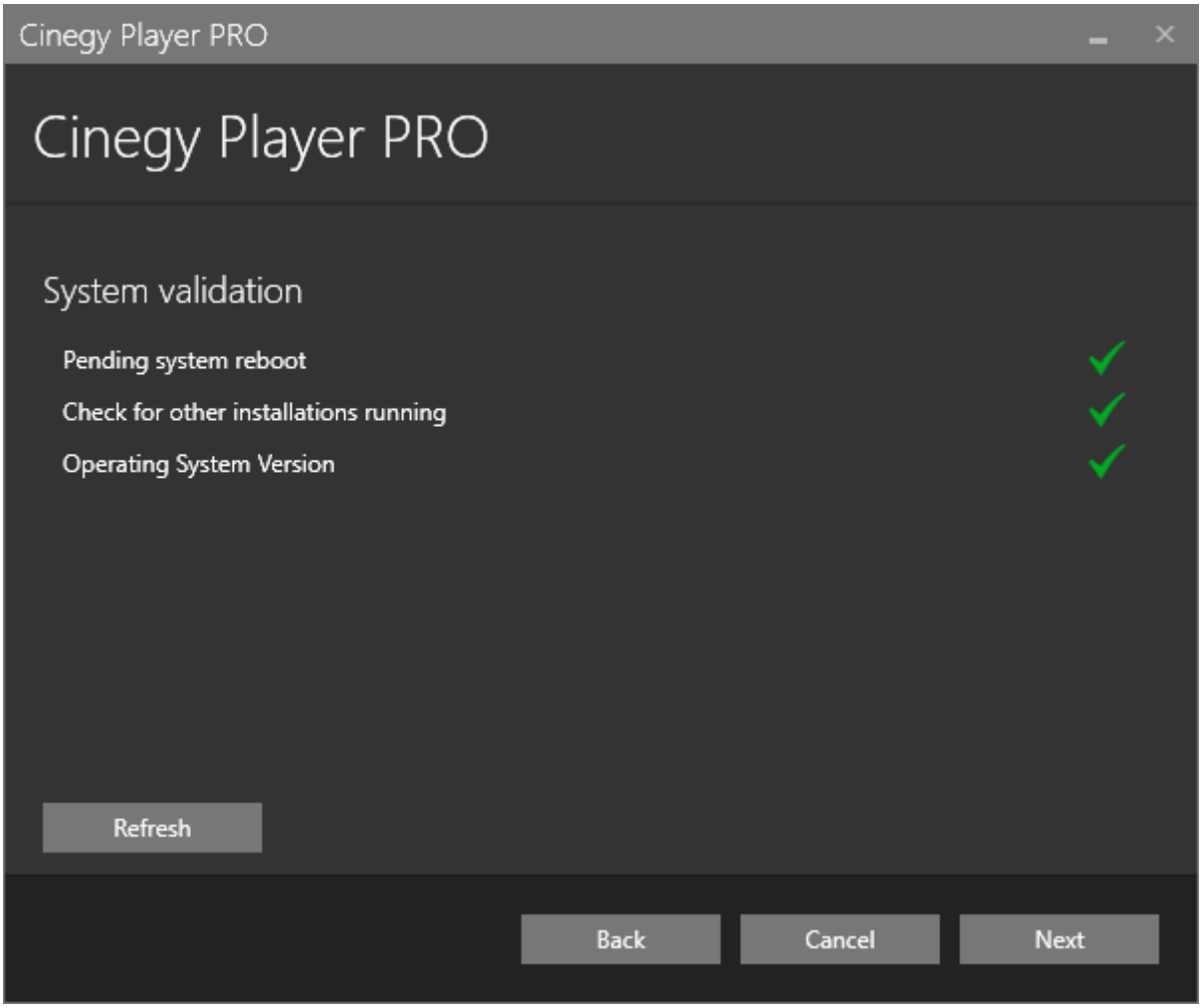
The default installation directory, which is indicated underneath the package component name, can be changed by clicking the path:



In the "Browse for folder" dialog that appears, select the required folder for your installation, and once the folder is selected, press "OK".

Press the "Next" button to proceed with the installation.

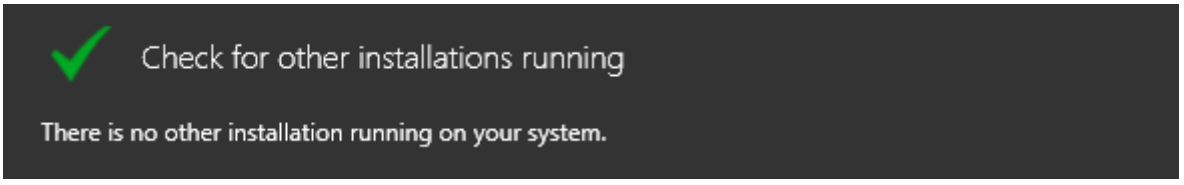
Check your system validation in the following dialog:

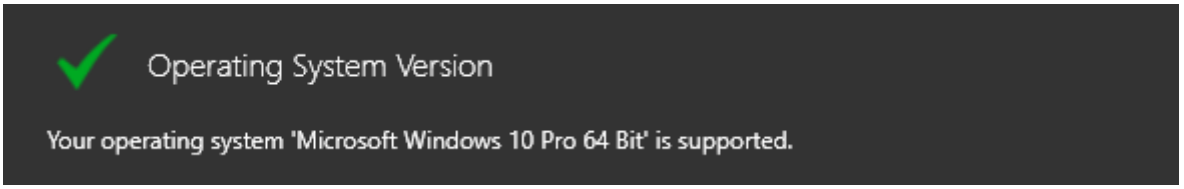




The green tick indicates that the system resources are ready, and no other processes may prevent the installation. Clicking the validation entry field displays its detailed information:









If any validation reveals that the installation cannot be started, the red cross is displayed with detailed information on the reason for validation failure:

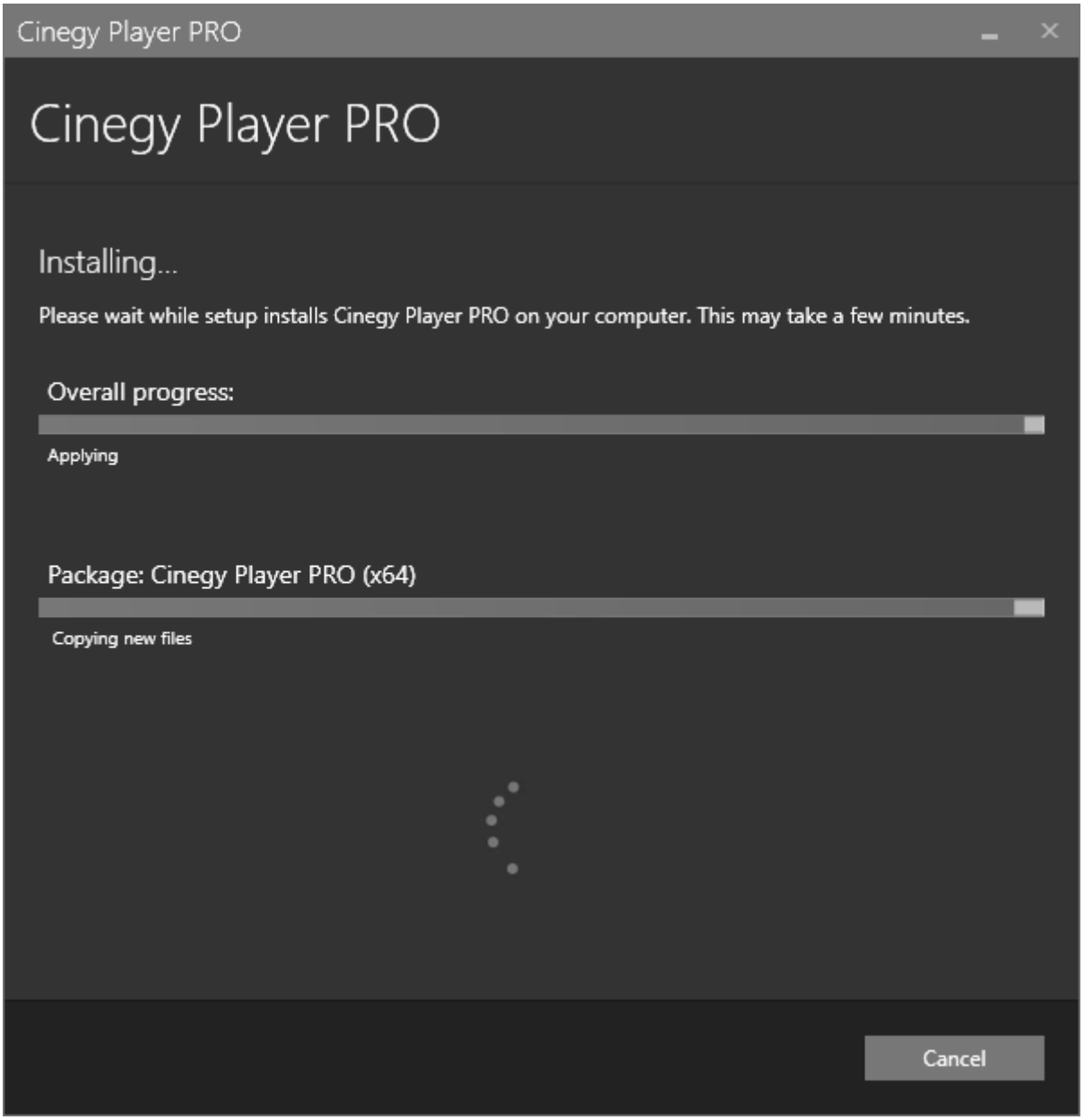


The explanation differs depending on the reason why the installation cannot proceed.

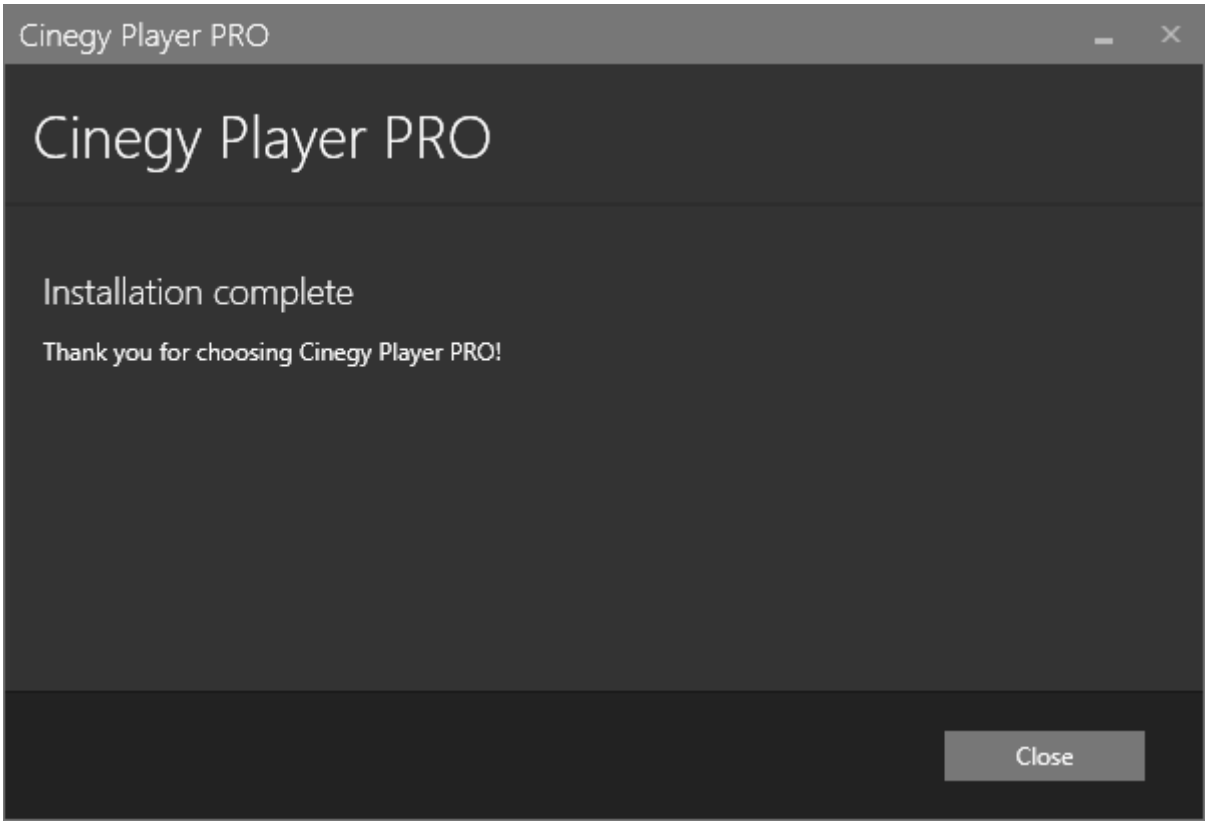
Refresh — Press the "Refresh" button for the system to recheck installation availability. Once the reason for prevention is excluded, you can proceed with installation.

Pressing the "Next" button will begin the installation.

The progress bar indicates the progress of the installation process.



The following dialog informs that the installation is completed successfully:





After installation, the Cinegy Player PRO icon appears on your Desktop. Double-click it to start the application.

To manage the application, the user must have administrator rights, and Cinegy Player PRO must be launched using the "Run as administrator" command.

Chapter 2 Handling Cinegy Player PRO

2.1 Interface

Cinegy Player PRO is a standalone tool for viewing popular broadcast files and RTP/UDP/SRT streams in a professional interface. Whether playing files locally or across the network, Cinegy Player PRO performance is beyond anything available on the market so far, which comes as no surprise, as the same underlying technology powers Cinegy video server and video production and workflow solutions.

Cinegy Player PRO implements frame-accurate, high-performance video playback and scrubbing with professional audio VU meters. The player supports embedded timecode with MXF metadata display, and for your convenience, it has standard keyboard shortcuts and an intuitive drag-and-drop user interface, which makes the use of Cinegy Player PRO easy and familiar.

Cinegy Player PRO started for the first time, looks as follows:

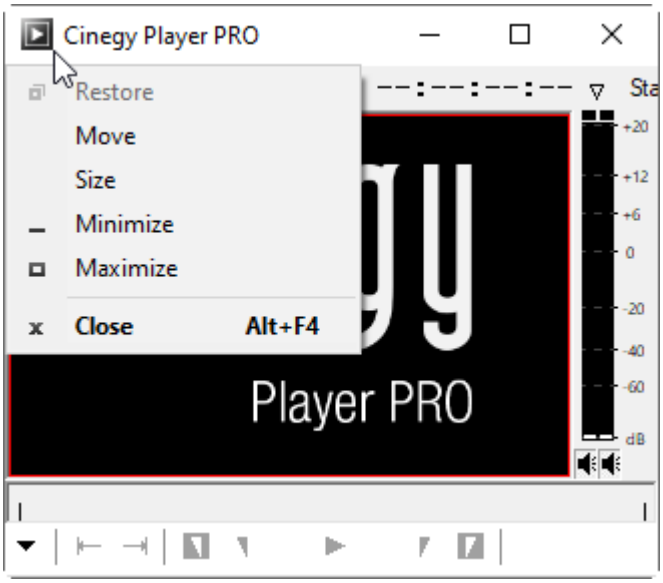


To resize the window, place the mouse pointer on any side or corner and drag-and-drop the arrow to fit the desired size:



After changing the window size and closing the player, at the next launch of the player, its window size is restored from the previous session.

To open full-screen mode or exit it, double-click the top panel of the window. The same actions can be performed by clicking the player sign on the top panel of the player and choosing the "Restore" command from the menu:



The player interface consists of 5 parts:

- **timecode panel** – on top;
- **player screen;**
- **audio VU meters** – on the right;
- **ruler** for navigating through the material – below the screen;
- **playback control panel** – on the bottom.

2.2 Opening Footages

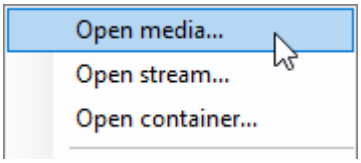
Opening Media

To open a media file, press the button in the bottom left corner:

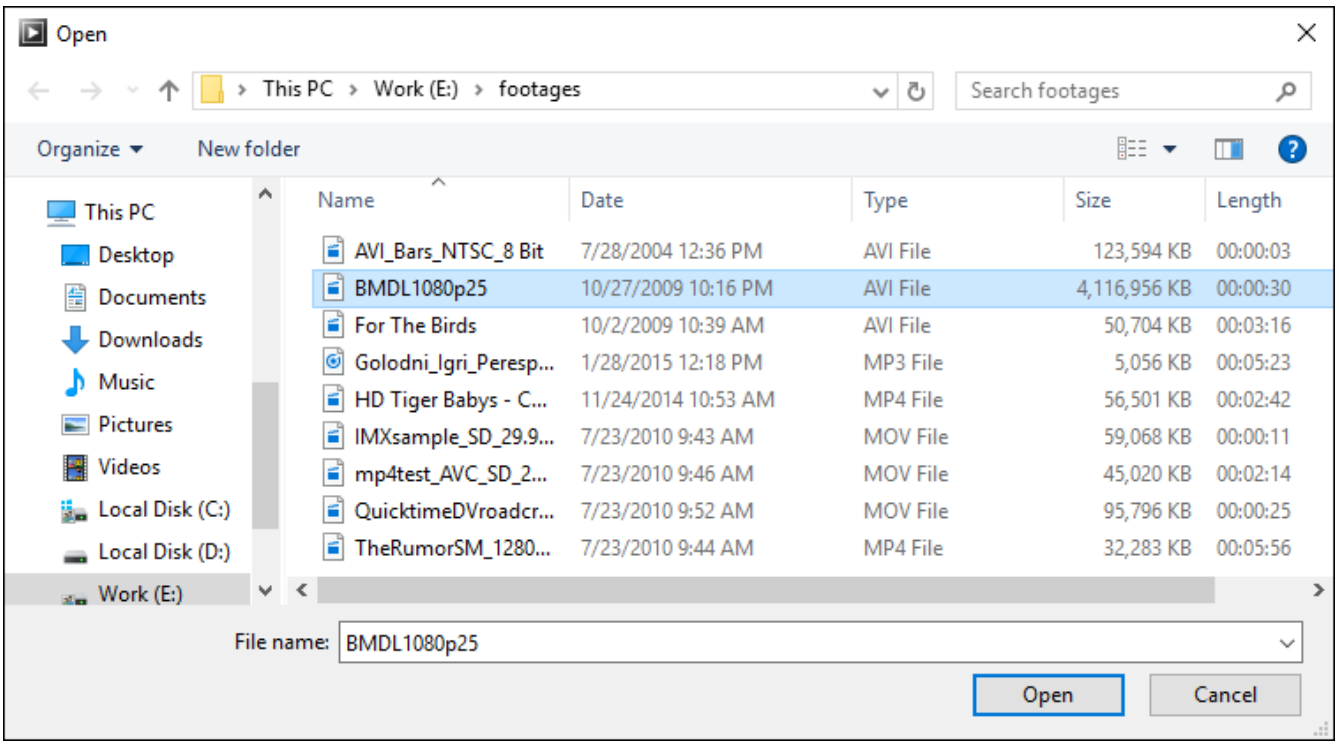


Alternatively, just drag-and-drop a file from File Explorer straight onto the player screen.

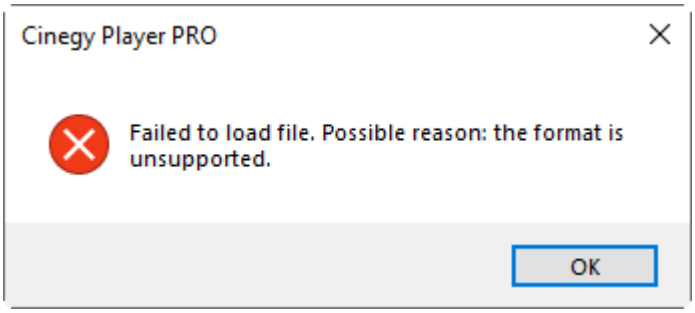
You can also right-click anywhere on the player screen and choose the "Open media" command from the context menu:



The following "Open" dialog box will appear, where you can select the media file to play:



When the file is opened, the window automatically adjusts to its aspect. If you open a file, the format of which is not supported by Cinegy Player PRO, the following error message appears:

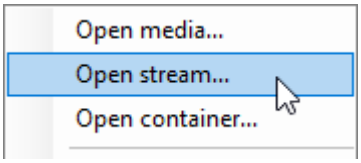




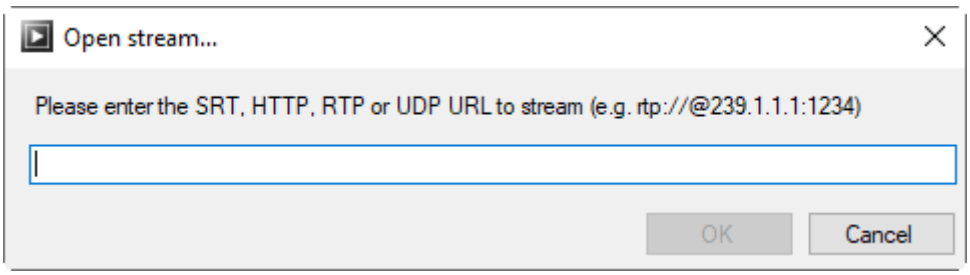
Refer to the **Supported File Formats** table to learn about Cinegy Player PRO supported video file formats.

Opening Stream

To open a media stream from a URL, right-click anywhere within the player screen and choose the "Open stream" context menu command:

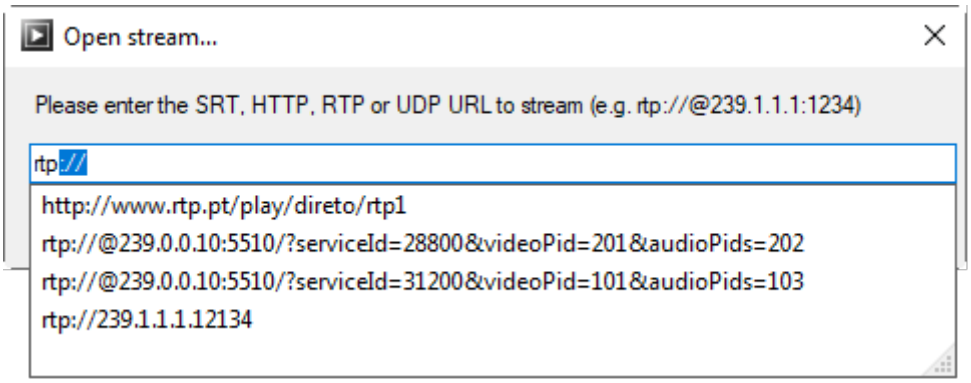


The following dialog box appears:

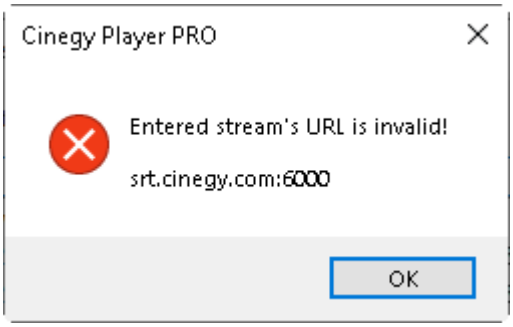


Enter the URL of the SRT/RTP/UDP or HTTP source stream and press "OK" or simply hit the `Enter` key.

The system will remember URL addresses you have opened. So, when you start typing a new one, the system checks the previous data and if the URL is recognized, it suggests the available address(es):

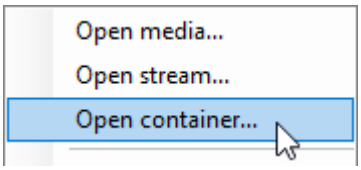


If you have entered the URL of the stream that is not available anymore, the following warning appears:

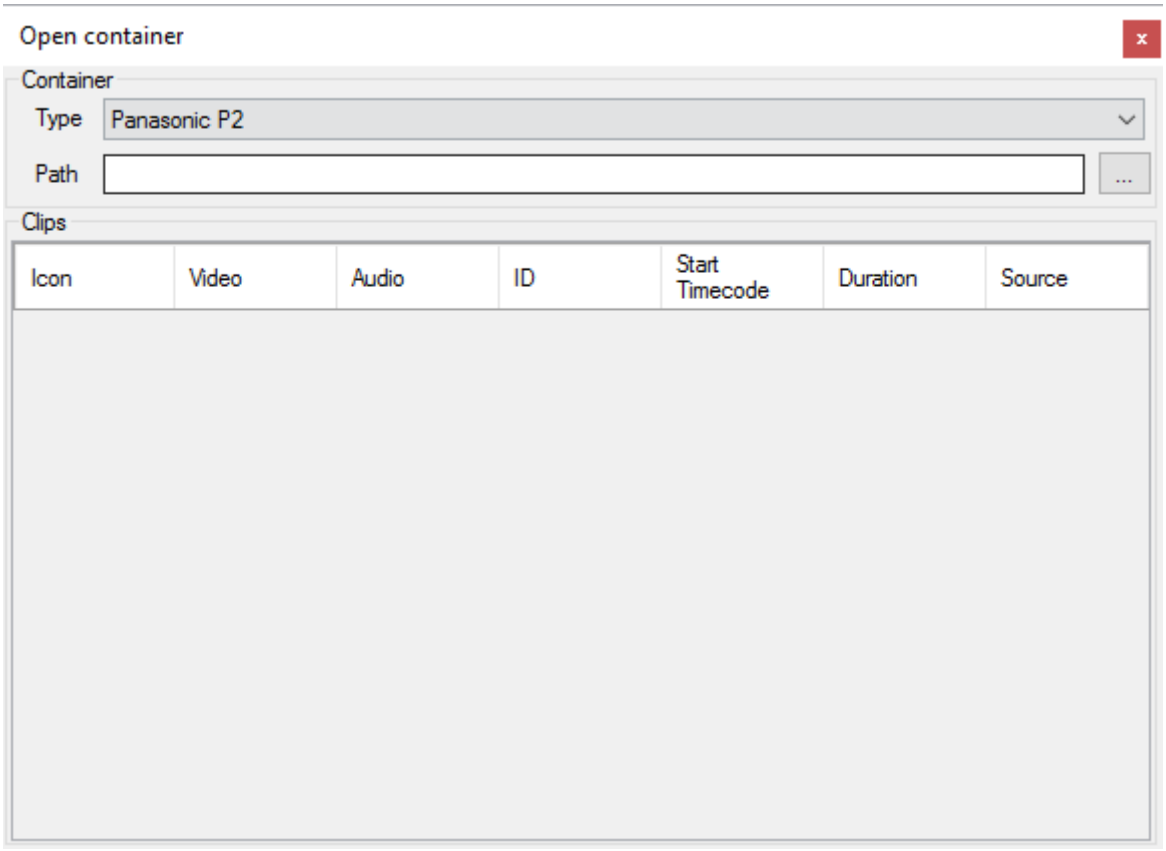


Opening Container

Cinegy Player PRO can play Panasonic P2 media files from physical or virtual P2 cards. To open a Panasonic P2 memory card, right-click anywhere within the player screen and choose the "Open container" context menu command:

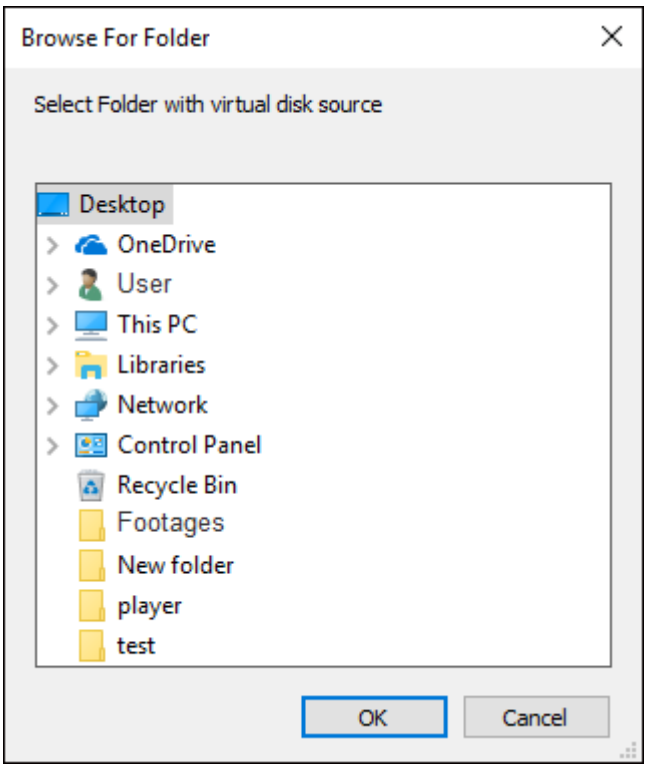


The following dialog box appears:

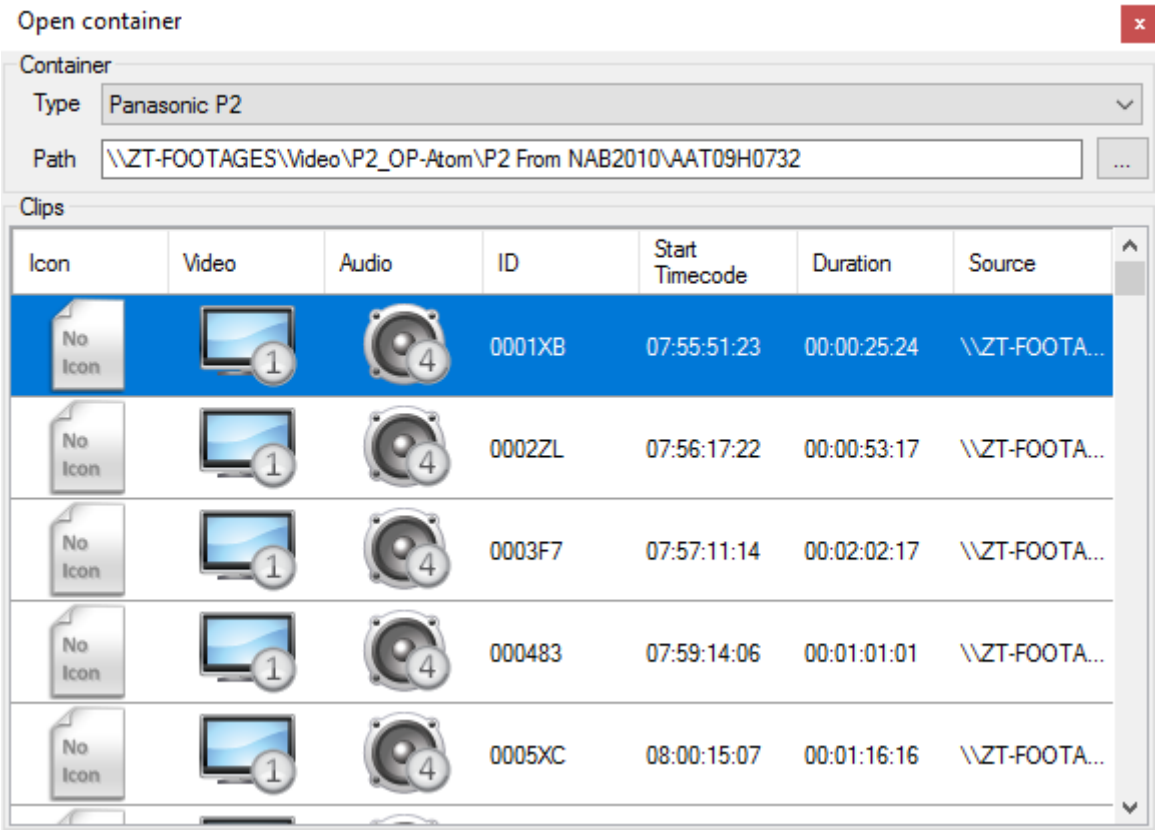


Currently, only the "Panasonic P2" container type is supported.

... Press this button to browse for the P2 card; the following "Browse for Folder" dialog box appears:

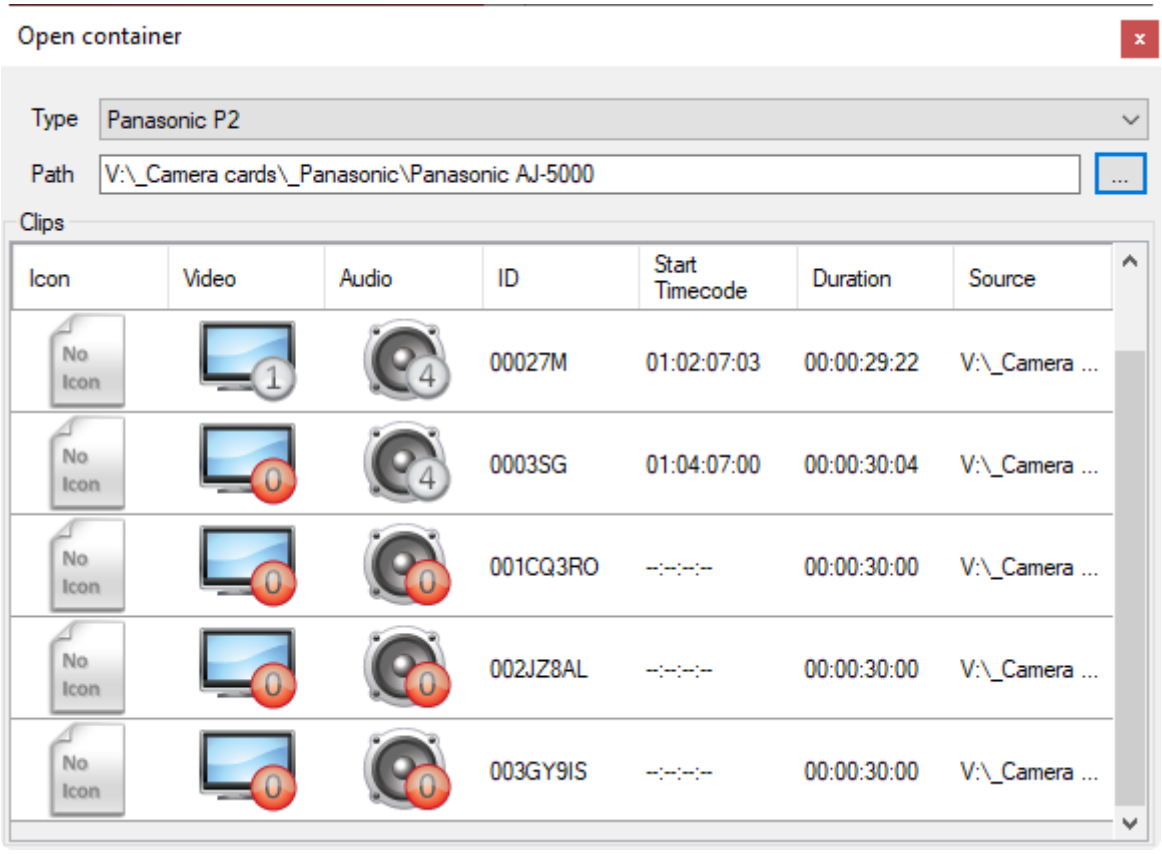


Navigate to the local or network folder that stores the P2 card content, then press "OK". The content of the selected P2 source will be loaded:



The path to the P2 source can also be entered manually via the keyboard.

The "Video" and "Audio" columns display the icons informing the user about availability of the audio and video content for each P2 clip. The number in a gray circle corresponds to the number of video and audio tracks, respectively. A red circle with "0" means that audio and/or video is not available:



Unavailable Footage

In rare cases of missing codecs or incorrect decoding, as well as the absence of both audio and video P2 clip content, the "Media Offline" message may appear:



2.3 Controlling Playback

There are various ways to control video and audio playback in Cinegy Player PRO.

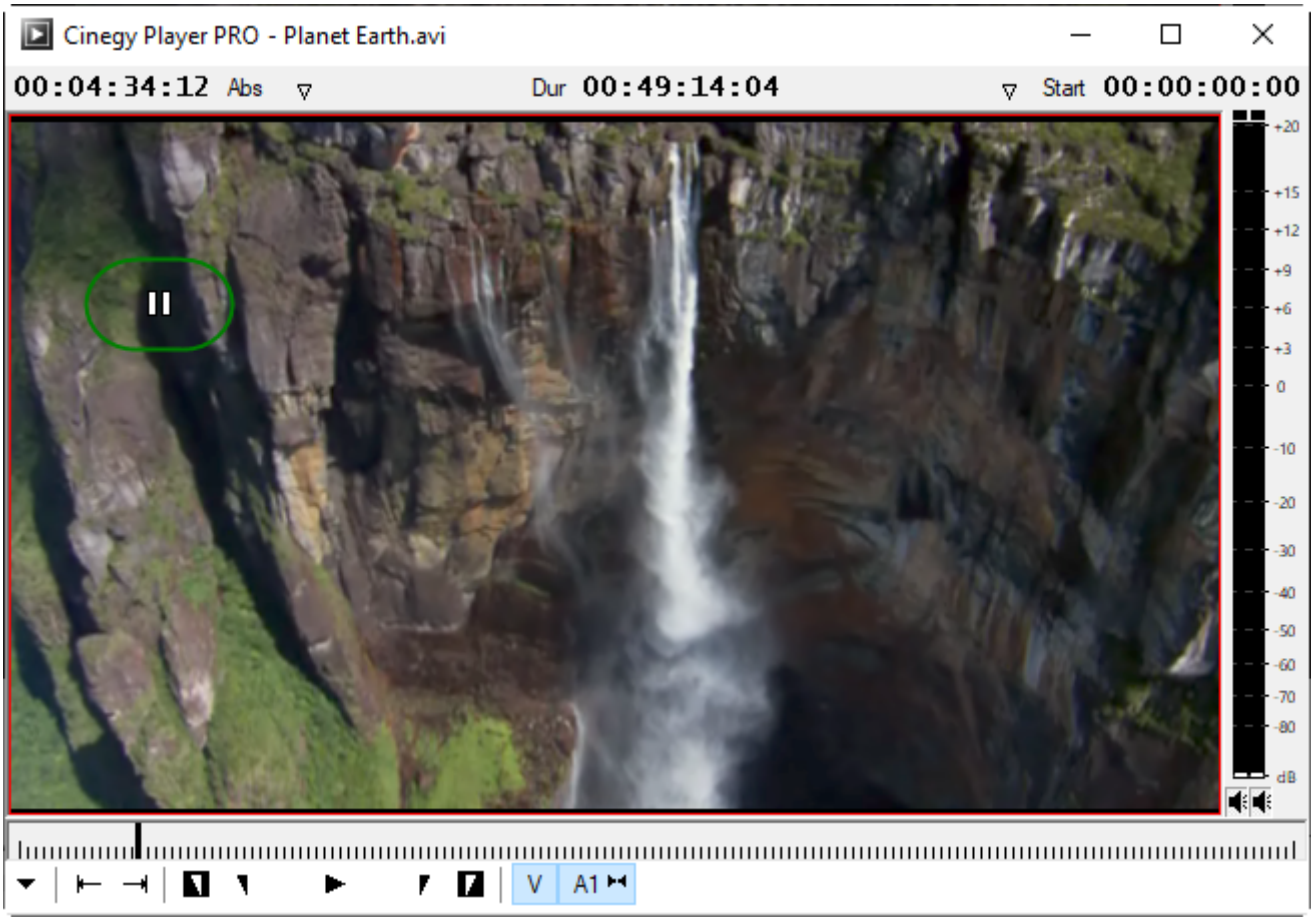
Playback Control Using Mouse

Play / Stop Button

▶ The "Play" button starts the playback.

■ When the file is being played, press the "Stop" button, which replaces the "Play" button, to stop the playback.

You can also click anywhere on the screen to pause the clip – the cursor turns into a pause sign:



Navigating Through the Material

A ruler below the player screen allows you to navigate to any desired clip position. You can view any frame of the material by dragging the time slider or by clicking any position on the ruler:



Setting and Deleting Marks In and Out

Press the "In" button to set a mark In.

To remove a mark In, press the "Delete In" button (inversed In).

Press the "Out" button to set a mark Out.

To remove a mark Out, press the "Delete Out" button (inversed Out).

Jumping to Events

You can use the "Jump to Event" buttons to move from event to event. Events are the beginning and the end of a clip, as well as marks In and Out.

Use the "Previous Event" button to jump to the previous event.



Use the "Next Event" button to jump to the next event.

Shuttling Using Mouse

To shuttle through the material with the mouse, drag the time slider horizontally in the frame window of the player. The playback speed and direction depend on the intensity and direction of your drag:

- drag to the right to play forward;
- drag to the left to play backward.

You can use the mouse wheel to scroll frames in the video player.

Shuttling Using Jog-Shuttle



Cinegy Player PRO supports any jog-shuttle device that can emulate keyboard input. Refer to the documentation of your jog-shuttle device to find out how to configure the shortcuts.

Playback Control Using Keyboard

Play / Stop Using the Keyboard

The following keys are used to control the playback:

- to toggle between play/stop mode, hit the Space bar;
- to loop play from In to Out, hit the 6 key;
- to go to the start, hit the Y key;
- to go to the end, hit the U key;
- to go to the previous event, hit the A key;
- to go to the next event, hit the S key;
- the Q key takes you to the mark In;
- the W key takes you to the mark Out.

Shuttling through the Video Material

Cinegy Player PRO allows you to shuttle through the material at different speeds.

J-K-L Shuttle

You can shuttle through the material by using the J-K-L keys on the keyboard. Use the following keys to shuttle:

- hit the L key to move forward through the footage at normal speed;
- hit the J key to move backward at normal speed;
- hit the K key to pause the shuttling;

- hit the L or J key several times to increase the speed according to the following table:

Hit the J or L key	To play at speed	PAL rate	NTSC rate
2 times	2x normal speed	50 fps	54.94 fps
3 times	3x normal speed	75 fps	89.91 fps
4 times	5x normal speed	125 fps	149.85 fps
5 times	8x normal speed	200 fps	339.76 fps
6 times	12x normal speed	300 fps	359.64 fps
7 times	16x normal speed	400 fps	479.52 fps

Home, End, and Arrow Keys

Additionally, you can use the following keys on your keyboard to navigate through the entire clip:

- the Home key takes you to the beginning of the clip;
- the End key takes you to the end of the clip;
- the ← key moves one frame backward;
- the → key moves one frame forward;
- hitting Alt + ← moves 10 frames backward;
- hitting Alt + → moves 10 frames forward.

Working with Marks In and Out

You can use the following shortcuts to work on your marks In and Out:

- the I or E keys set up the mark In;
- the O or R keys set up the mark Out;
- the D key sets the mark In to the start position;
- the F key sets the mark Out to the end position;
- the G key deletes both In and Out marks;
- the 6 key loop plays from In to Out;
- the 5 key loop plays a two-second range with the playhead position as its center.

Playback Speed Control

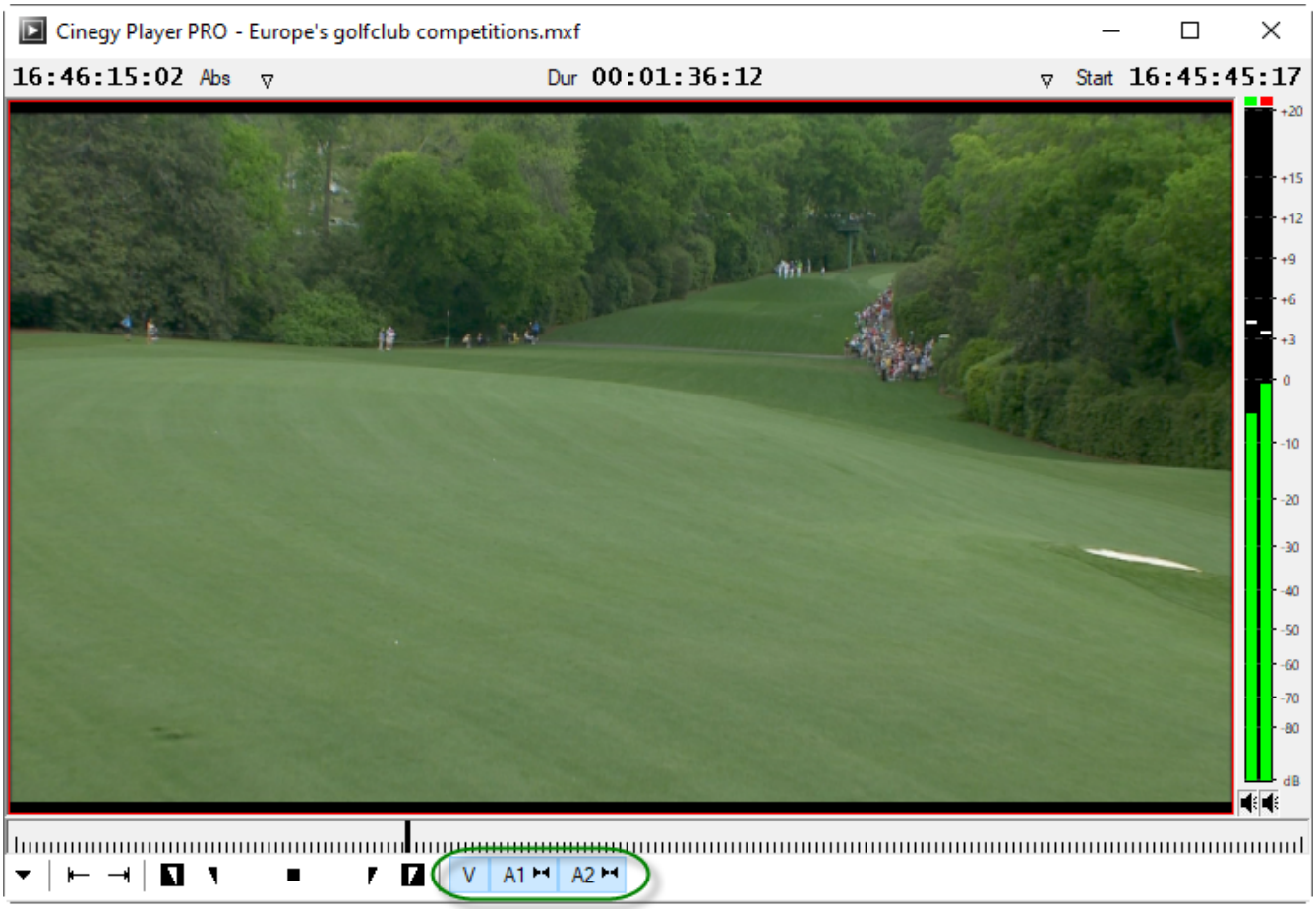
Cinegy Player PRO provides extra hotkeys for controlling playback speed, which can be found in the following table:

Shortcut	Playback speed
Ctrl+Alt+Q	Play forward at 12.5% speed
Ctrl+Alt+W	Play forward at 25% speed
Ctrl+Alt+E	Play forward at 50% speed
Ctrl+Alt+R	Play forward at 100% speed
Ctrl+Alt+T	Play forward at 200% speed

Shortcut	Playback speed
Ctrl+Alt+Y	Play forward at 400% speed
Ctrl+Alt+U	Play forward at 1600% speed
Ctrl+Alt+I	Play forward at 6400% speed
Shift+Ctrl+Alt+Q	Play backward at 12.5% speed
Shift+Ctrl+Alt+W	Play backward at 25% speed
Shift+Ctrl+Alt+E	Play backward at 50% speed
Shift+Ctrl+Alt+R	Play backward at 100% speed
Shift+Ctrl+Alt+T	Play backward at 200% speed
Shift+Ctrl+Alt+Y	Play backward at 400% speed
Shift+Ctrl+Alt+U	Play backward at 1600% speed
Shift+Ctrl+Alt+I	Play backward at 6400% speed

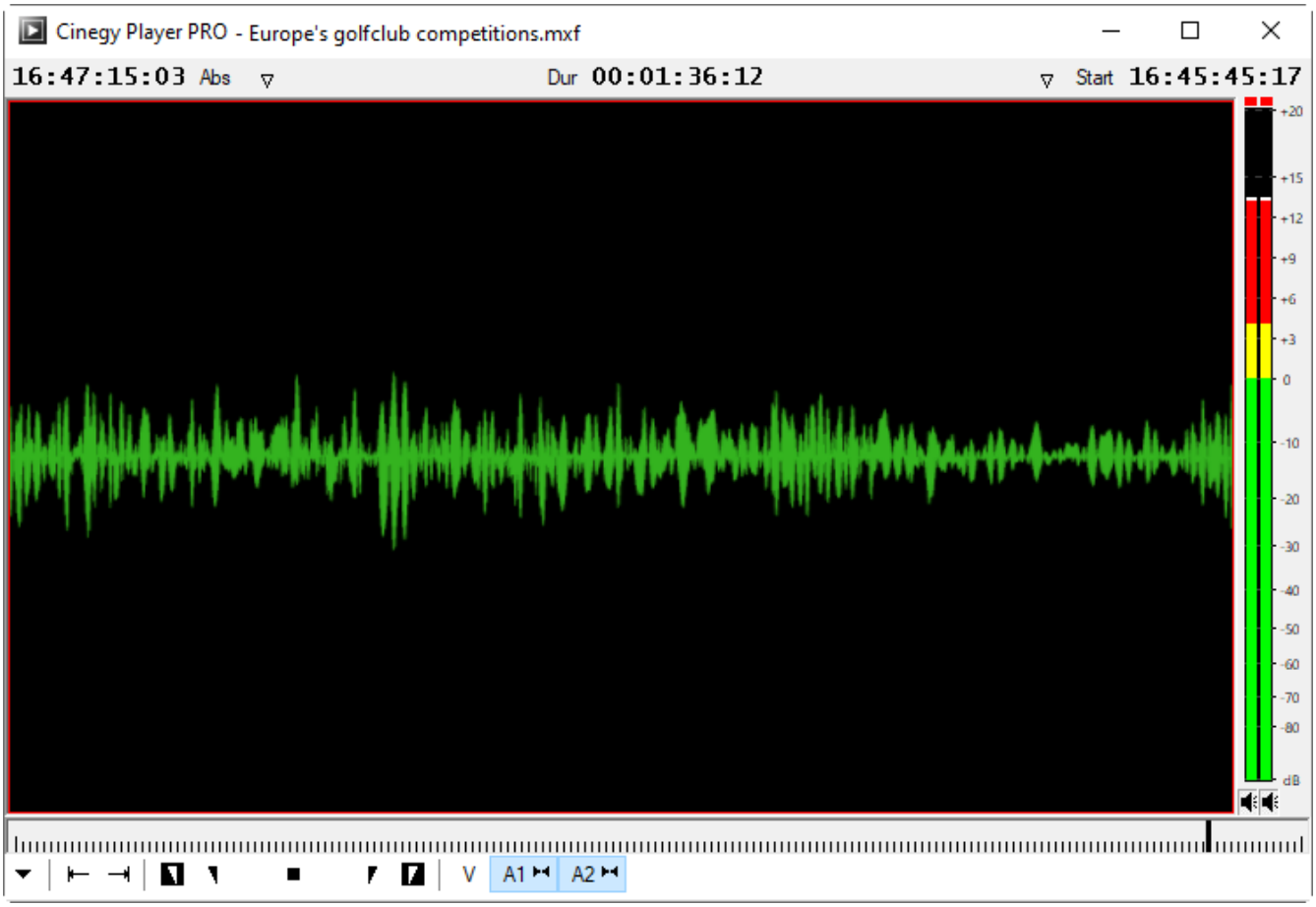
Selecting Tracks for Playback

Use the track selectors to choose the tracks you want to play. The track selector shows video and audio channels available in the clip.



V — Release the "Video" button to switch off the video track. Only audio is played.

A1 — Release the corresponding "Audio" button(s) to switch off unnecessary audio track(s).



Only audio playback; the viewer shows the waveform of all audio channels

The waveform shows all the enabled channels mixed together.

IP-Based Sources Playback

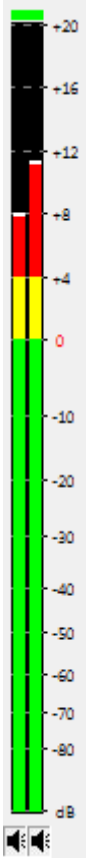
Having opened an SRT, RTP/UDP, or HTTP source stream, Cinegy Player PRO has the following interface:



Press the "Stop" button to stop the playback. The black frame will be displayed. The "Stop" button is changed into the "Play" button.

Press the "Play" button to resume the defined stream playback.

2.4 Audio VU Meter



The VU meter is shown on the right of the player screen. It shows peak and integrated audio levels in the dB scale as the master output for all the available audio channels mixed together. The scale has the following areas for the instant level display (the values here are in the user's scale):

- Green – below 0 dB
- Yellow – 0 to 4 dB
- Red – above 4 dB

In addition, there are integrated (1000 ms) levels shown with the white bars. At the top of the scale, there is an additional color indicator. It shows the integrated status of the signal (during approximately the last 1.5 seconds). The following states are indicated (note, the value here is absolute, in dBFS, or dB Full Scale):

- Black – digital silence (below -120 dBFS)
- Green – signal below -6 dBFS
- Red – signal above -6 dBFS

At the bottom of the scale, there are two speaker buttons which you can use to mute audio channel(s). To mute an individual left/right audio channel, press the corresponding speaker button or both buttons to mute both audio channels simultaneously.

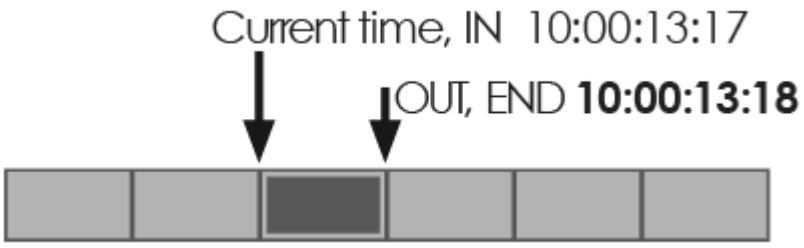
The typical parameter values in broadcasting are -21 dB for NTSC and -18 dB for PAL.

2.5 Working with Timecodes

When working with video material, it is efficient to use timecodes to identify the start and the end of video files as well as separate frames.

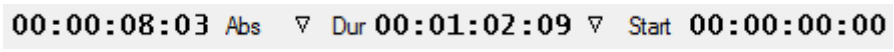
Understanding the Timecode of the System Events

The End and Out events are related to the end of the respective frame. All the other events (Start, In, current time, etc.) are at the beginning of the respective frame.



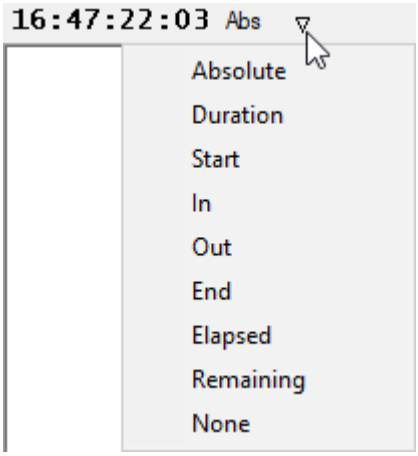
Therefore, if you mark the same frame as In and Out, the duration of the segment will be 1 frame. That is why, if you navigate to the end of a clip, the End mark is always displayed 1 frame greater than the current time.

The timecodes are displayed on the top panel of the player window.



The middle timecode shows the clip duration. The other two counters show the original timecode and the default start time of the clip; it is possible to change them, if necessary.

Press the ▽ button to open the list of available display modes:



The functions of display modes are described in the table below:

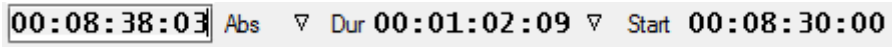
Display Mode	Function
Absolute	Timecode for every frame corresponding to the original material
Duration	Clip duration
Start	Start timecode
In	In timecode
Out	Out timecode
End	End timecode
Elapsed	Time elapsed from the start of the clip
Remaining	Time remaining to the end of the clip (total duration minus current time slider position)
None	No display

When the time slider is out of the I/O range, counters display --:--:--:-- in Elapsed and Remaining display modes.

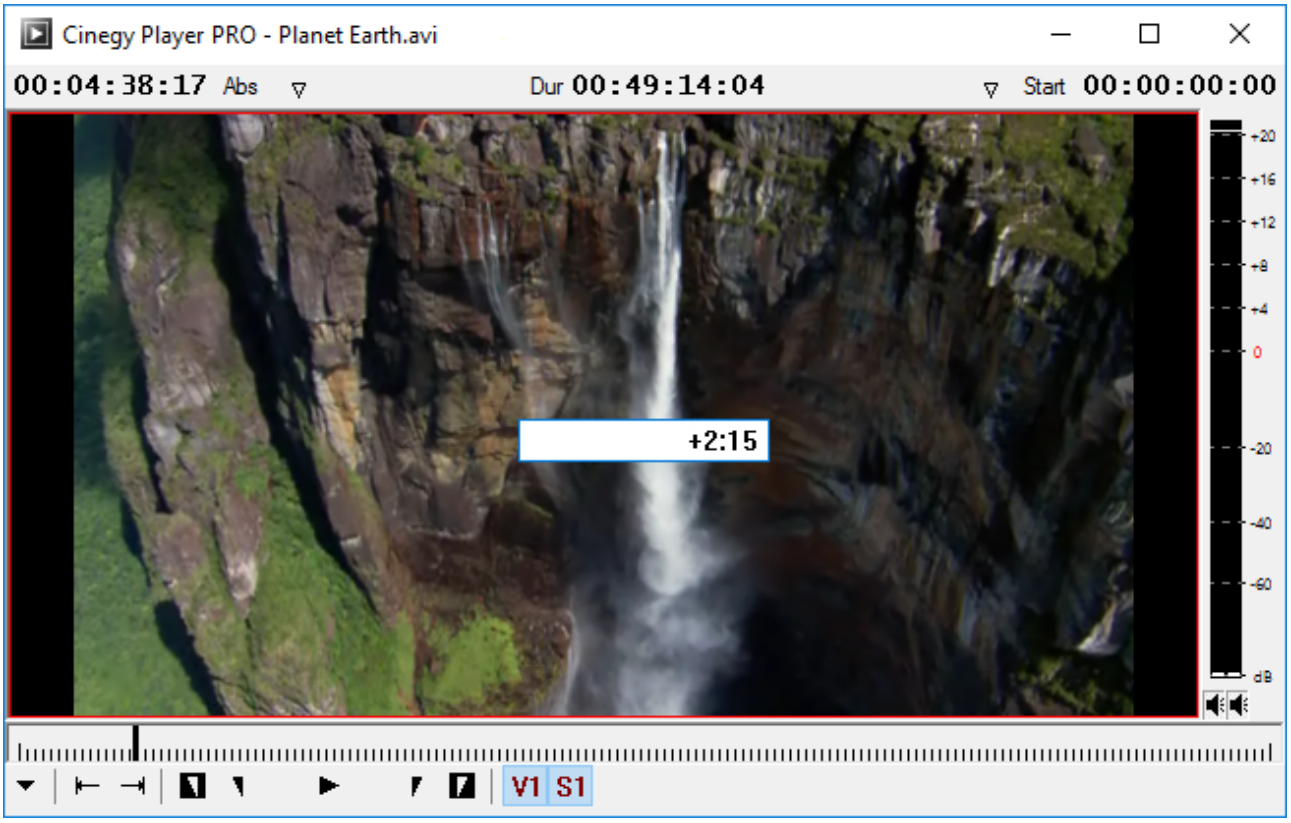
Using Timecode to Find a Frame

Any time during preview, you can enter a timecode value (using the numeric keypad on the right side of the keyboard) to navigate to a specific frame within a clip. In addition, you can cue forward and backward from the current position of the clip by a specified number of minutes, seconds, and frames using positive or negative frame offset values.

- To cue to a frame based on a known timecode, enter the timecode using the numeric keypad. You can also enter the timecode value into the corresponding field on the timecodes panel.



- To cue forward from the current position, enter + and the offset amount using the numeric keypad.
- To cue backward from the current position, enter – and the offset amount using the numeric keypad.

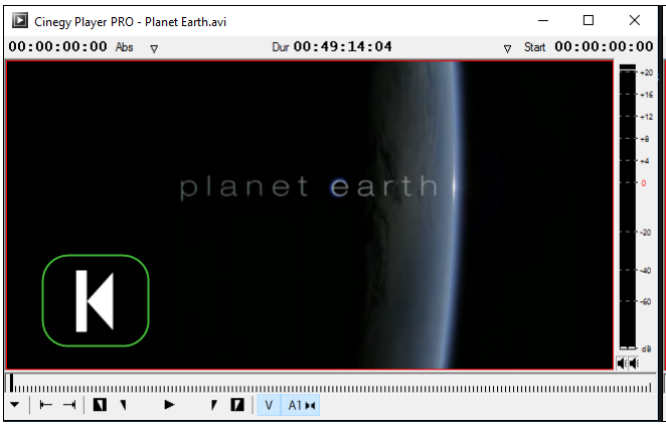


In the example above, the current viewing position will be moved forward to 2 seconds and 15 frames

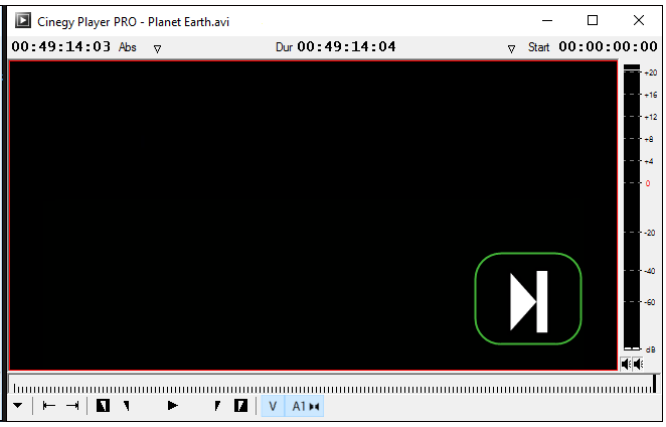
2.6 Start / End Clip Hints

When you are at the very first or the very last frame of the footage, Cinegy Player PRO displays a hint marker on the frame.

Start frame marker



End frame marker



When both hints are displayed simultaneously, this means that the clip is empty.



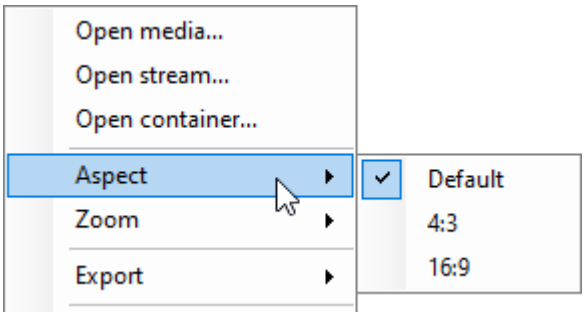
This feature can be enabled/disabled in the **"Preferences"** dialog.

2.7 Aspect and Video Image Size

When a video file is loaded to the player, the window fits its aspect automatically. However, you can manage the aspect ratio of the footage and the video image size according to your needs with the help of the corresponding commands available from the "Aspect" and "Zoom" context menu.

Aspect Ratio Changing

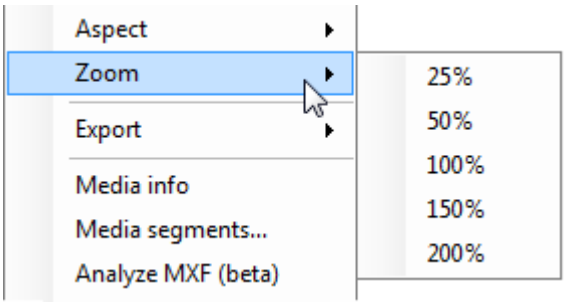
From the "Aspect" context menu command, select 4:3 or 16:9 aspect ratio, or choose "Default" for the original aspect ratio of the clip to be used. The current aspect ratio value is marked with a tick:



If the selected aspect ratio value does not match the original aspect ratio of the clip, the image will be distorted.

Video Image Size Changing

To view the clip in original size, select 100% from the "Zoom" context menu command. The current zoom value is marked:

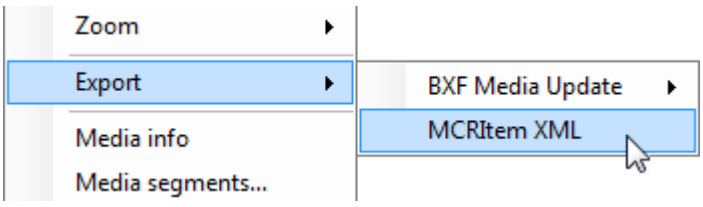


2.8 Export

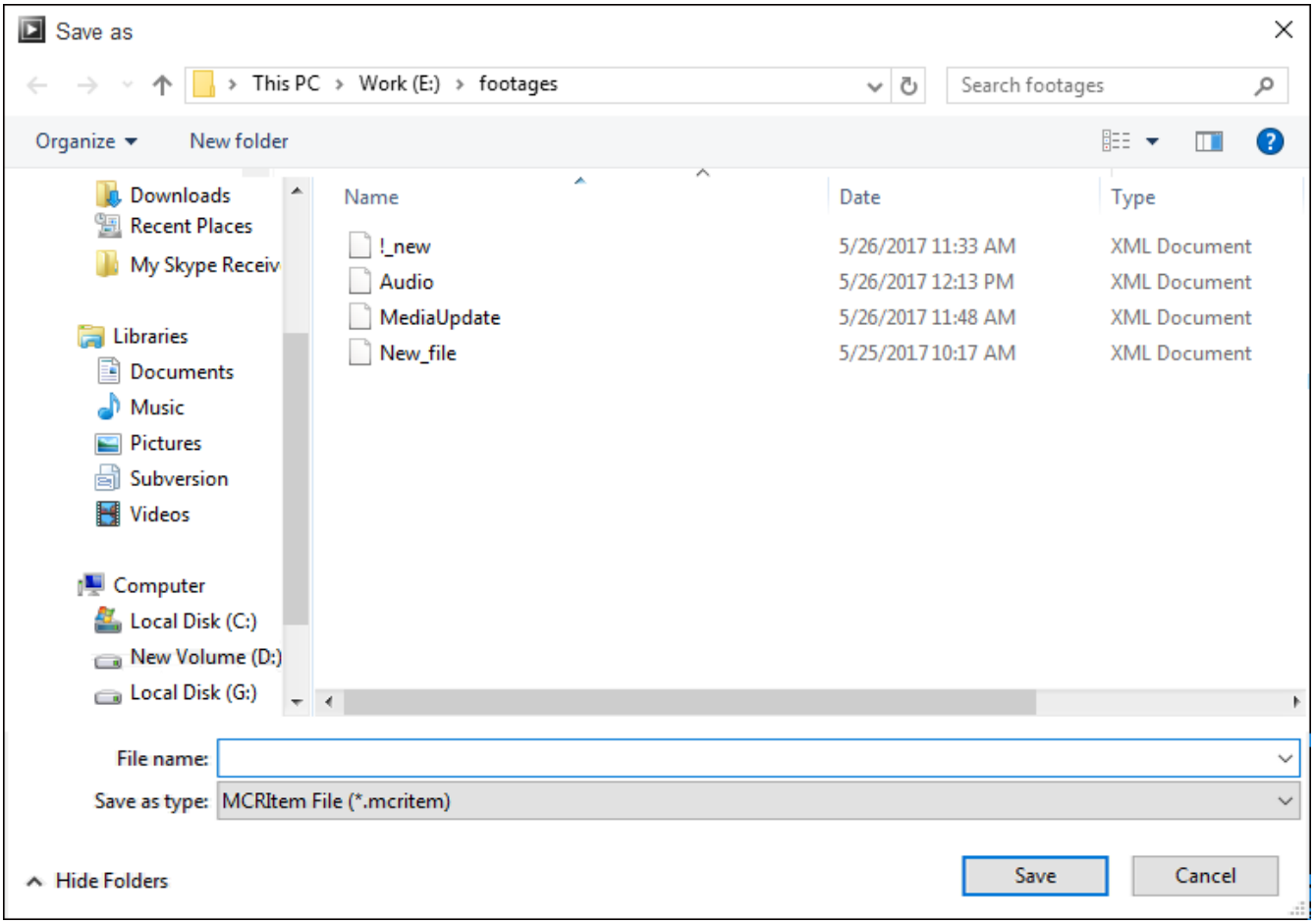
MCRItem XML

The currently loaded media file can be exported into the MCRItem XML file with titles, effects, pictures, and voice-overs inside, if any.

To do this, use the "Export" > "MCRItem XML" context menu option:



The common "Save as" dialog box appears:



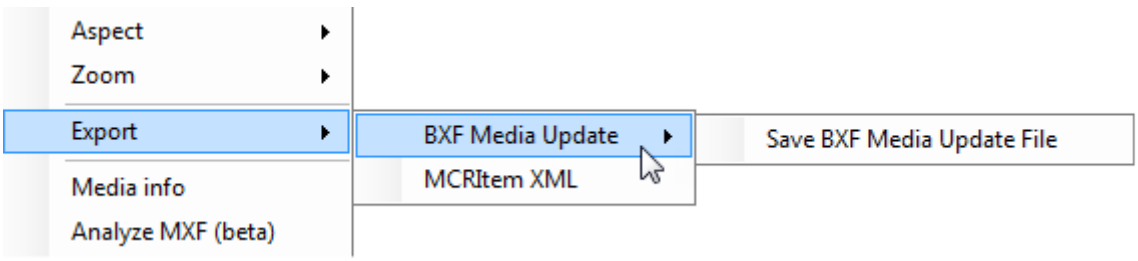
Navigate to a dedicated folder and enter a file name into the text field. Press the "Save" button to create the .MCRItem file with the specified name.

	*.MCRItems are commonly used in the Cinegy Air software.

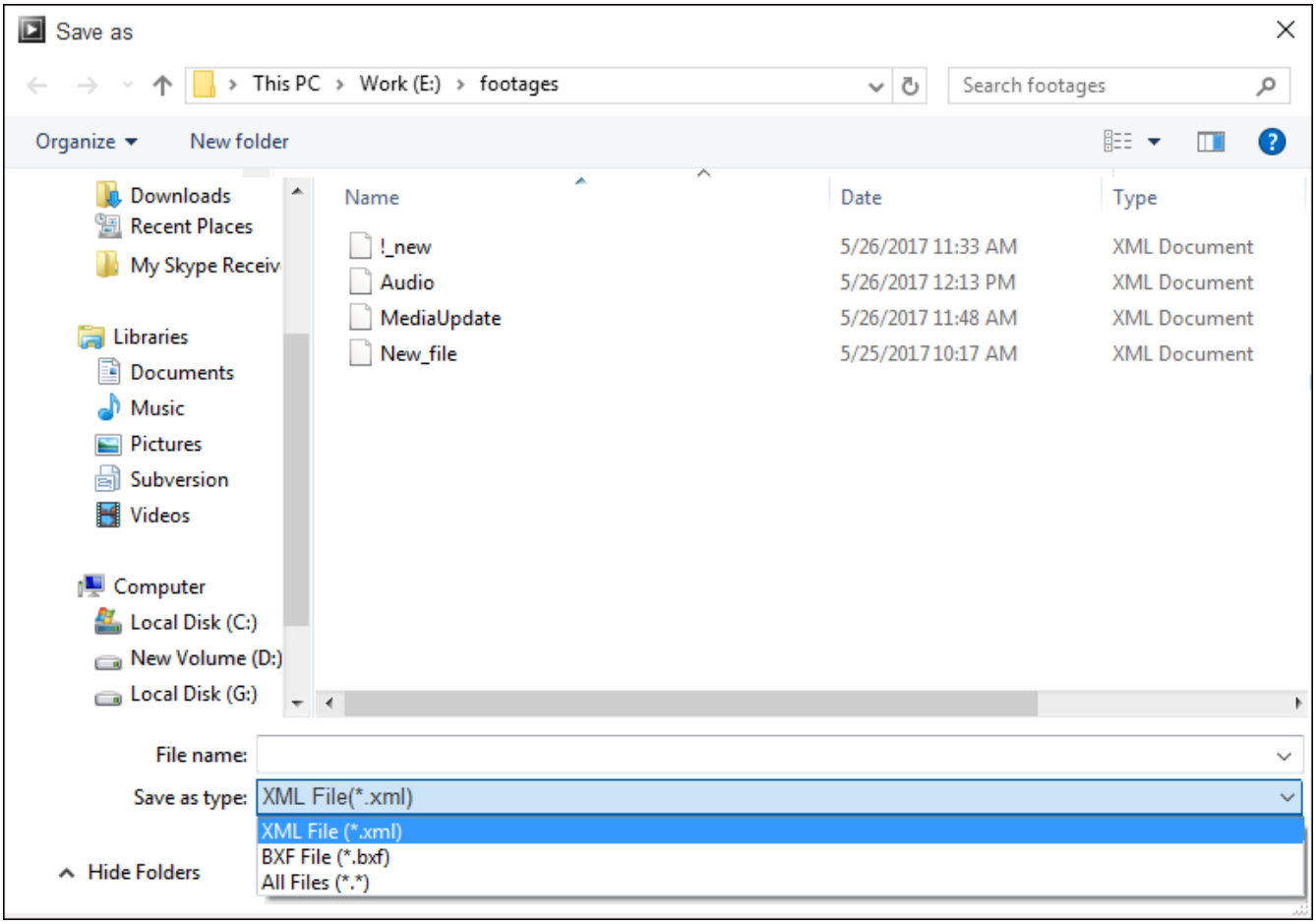
	Refer to the **Adding Items to Playlist** article in the **Cinegy Air Manual** to learn how to add the *.MCRItems to the Cinegy Air playlist.

BXF Media Update

This feature allows the user to create a BXF Media Update message from the currently loaded media file. To do this, use the "Export" > "BXF Media Update" > "Save BXF Media Update File" context menu option:



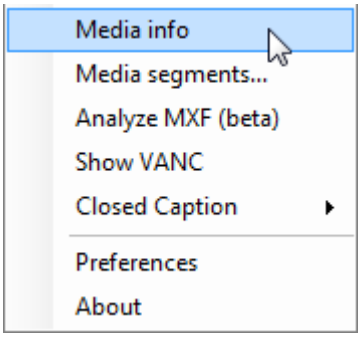
The common "Save as" dialog box appears:



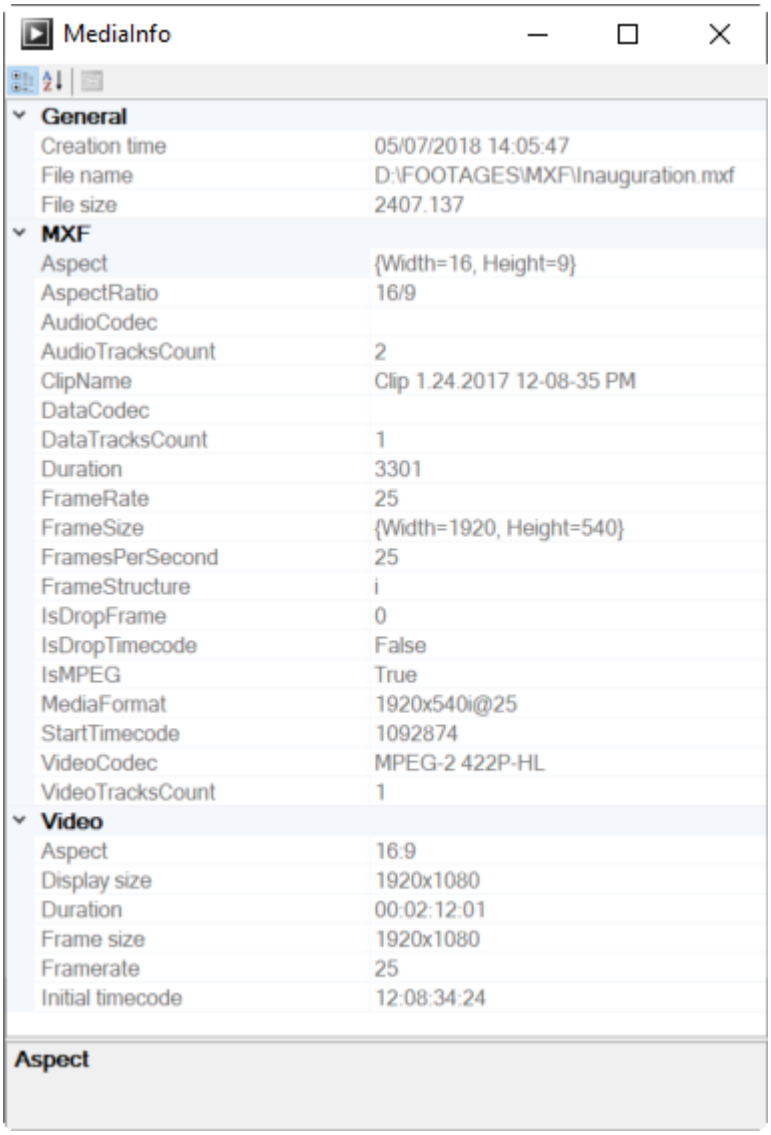
Navigate to a dedicated folder and enter a file name into the text field. You can select either XML or BXF file type for the media file to be saved in. Press the "Save" button to create the file with the name and type you have specified.

2.9 Media Information

It is possible to view media information about the footage, if any is available. To do this, select the "Media info" command from the right-click context menu:



Media information about the video file is displayed in the following window:



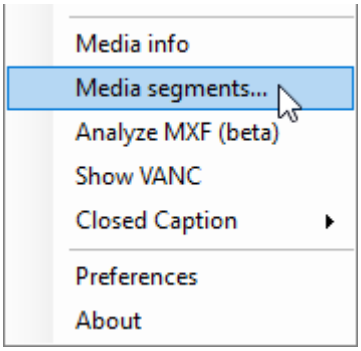
The "MediaInfo" window contains general information about the file, its location, creation time, and size, as well as detailed information such as original aspect, duration, frame size, framerate, etc.

 Use these buttons to switch between a categorized and alphabetical view of the media information.

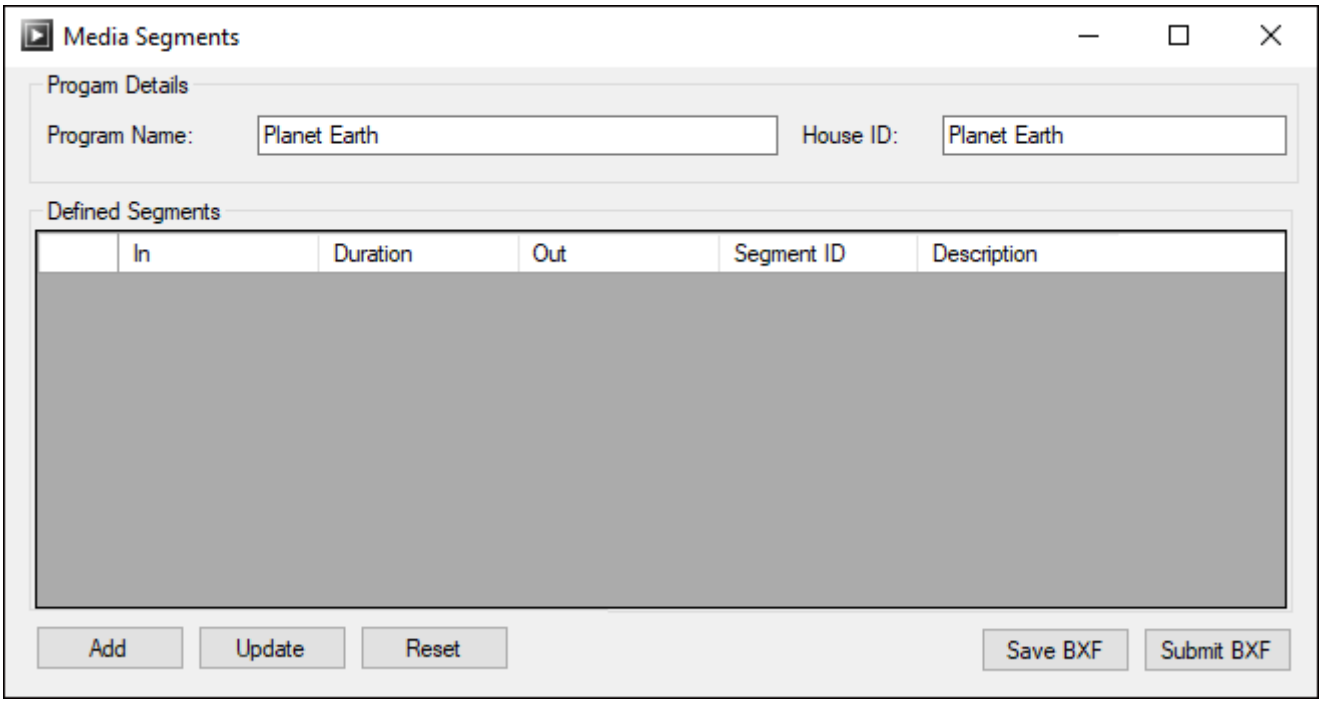
2.10 Media Segments

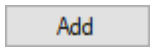
Cinegy Player PRO provides the means for creating traffic lists as a standard BXF XML file, updating media segments, setting In and Out flags, adding comments, and exporting messages with accurate timing information directly to traffic systems.

To create a BXF XML file, open a video file and select the "Media segments…" context menu command:

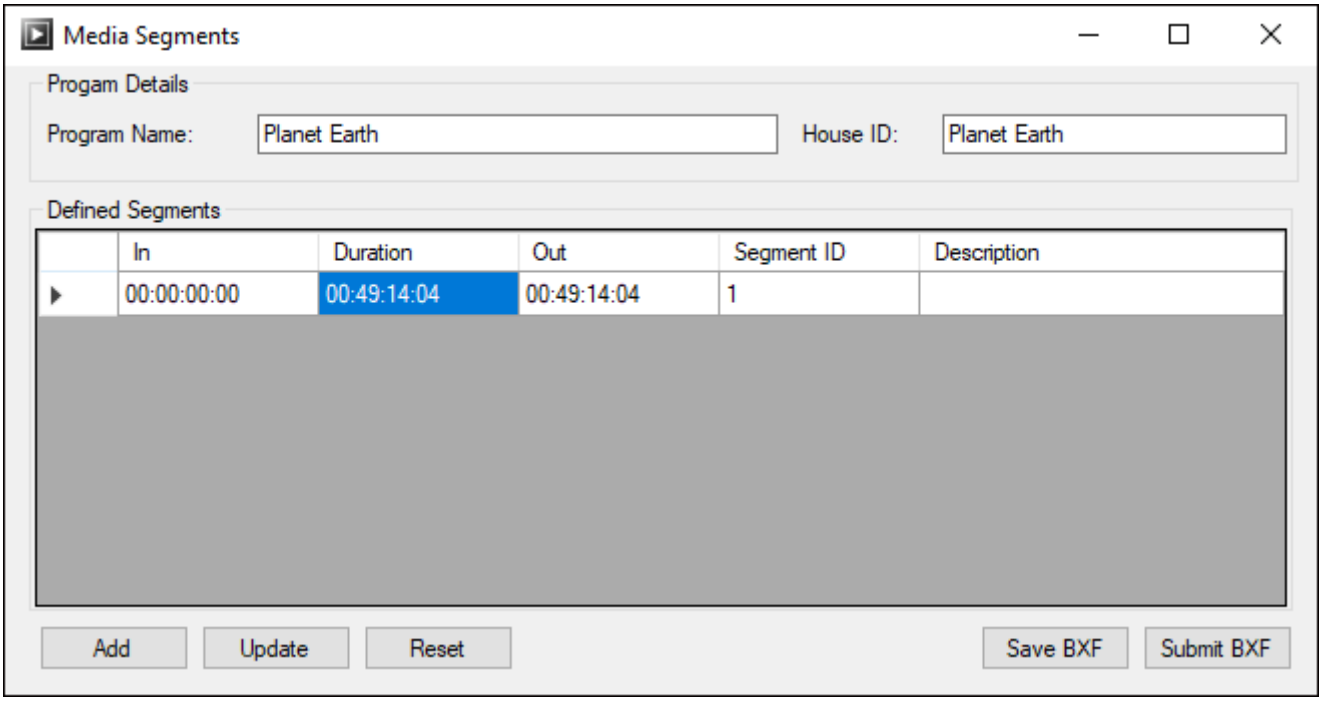


The following dialog box appears:





Press the "Add" button to add the whole video as a separate segment; its full length will be displayed in the "Duration" column:



Specify the following parameters in the "Program Details" section:

- **Program Name** – the program name with details. The media name is substituted by default.

> The "Program Name" field is limited to 102 characters.

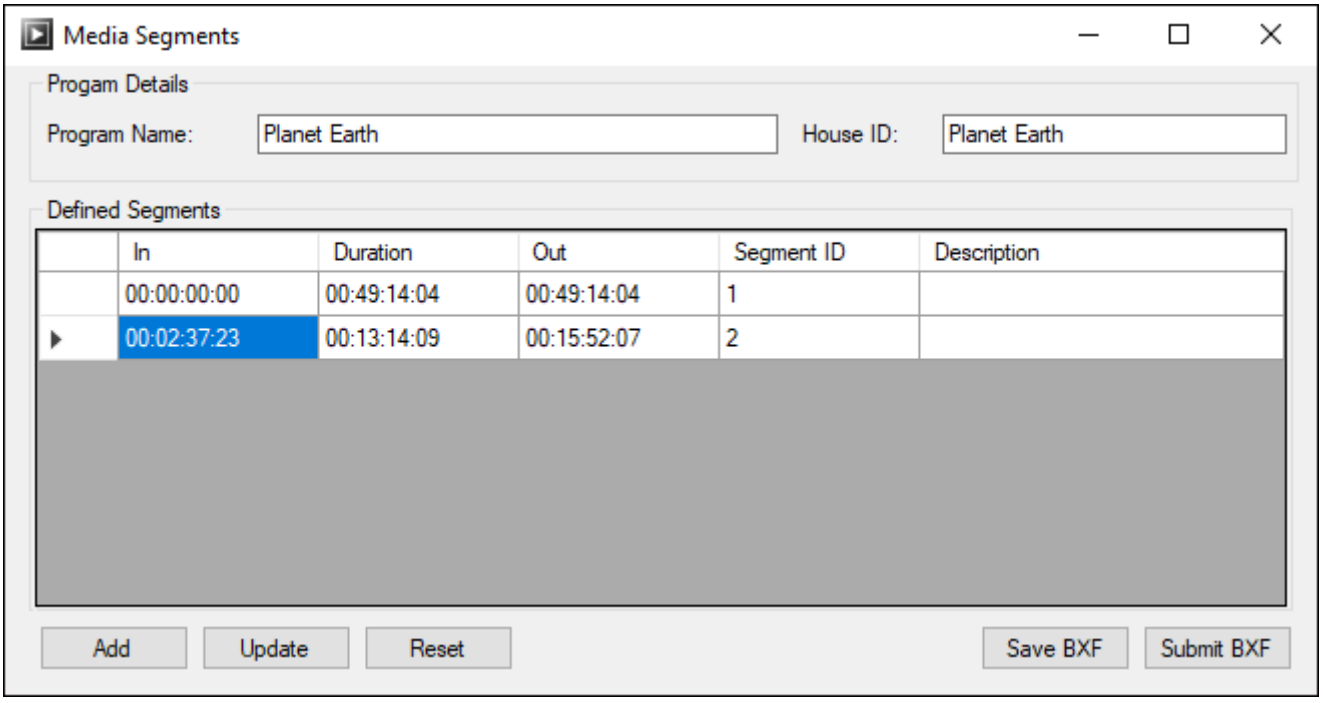
- **House ID** – the key used to locate indicated media and match it to some distinct material. The house ID is generated from the media name by default.

> The "House ID" field is limited to 55 characters.

The "Defined Segments" section contains the list of added segments. Information is given in a table consisting of the following columns:

- **In** – the In point of the segment.
- **Duration** – the duration of the segment.
- **Out** – the Out point of the segment.
- **Segment ID** – the segment ID used to display media order.
- **Description** – the segment description.

You can also add different video segments defined by the In / Out marks on the time slider. Once the segment is defined, press the "Add" button. The full segment length will be displayed in the "Duration" column, and the In and Out marks will be shown in the corresponding columns:



Update — Press the "Update" button to modify the In/Out marks of the selected media segment.

Reset — Press the "Reset" button to revert all changes and return to the default state.

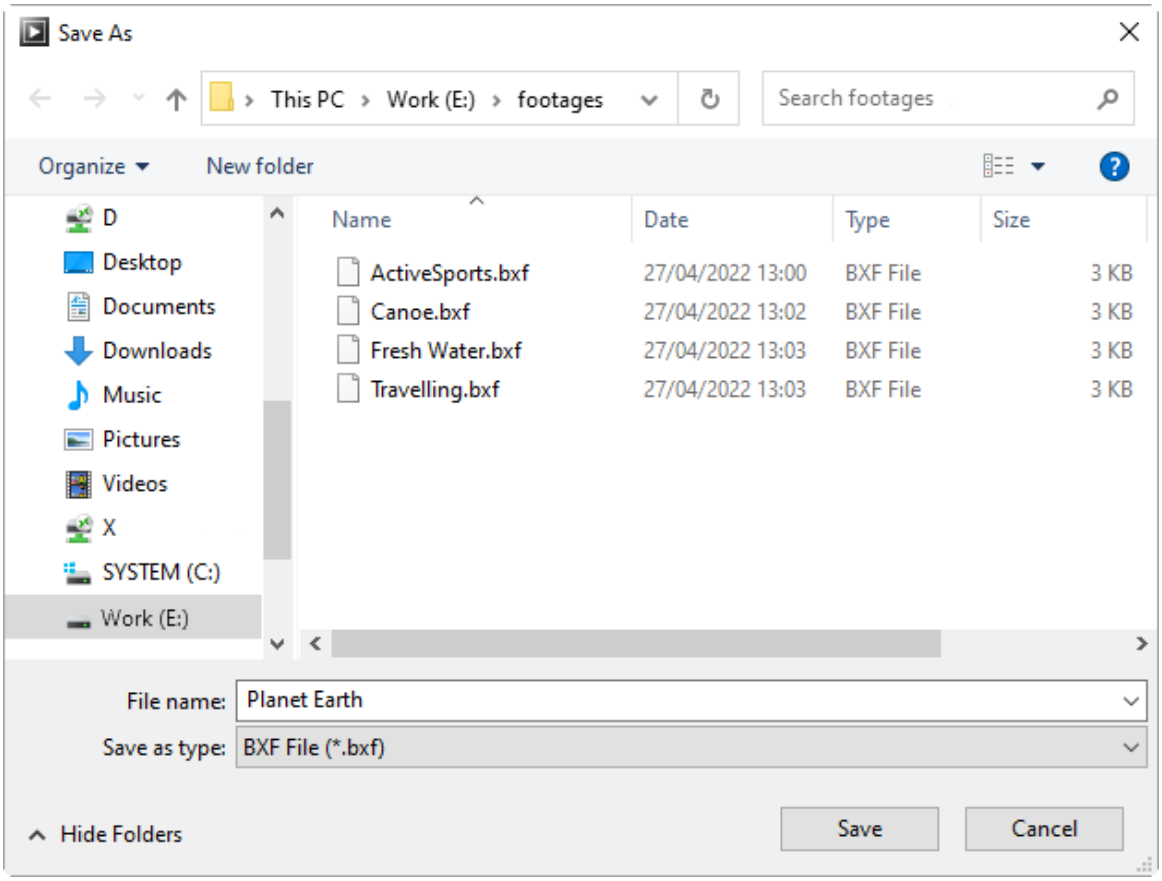
BXF

BXF (Broadcast Exchange Format) is an XML-based standard for exchanging playlists, record lists, and other data in broadcasting. The "Media Segments" dialog allows creating BXF media files and submitting them directly to the Myers BXF Web Service.

Save BXF

Press the "Save BXF" button to create a BXF Media Update message from the currently loaded media segments.

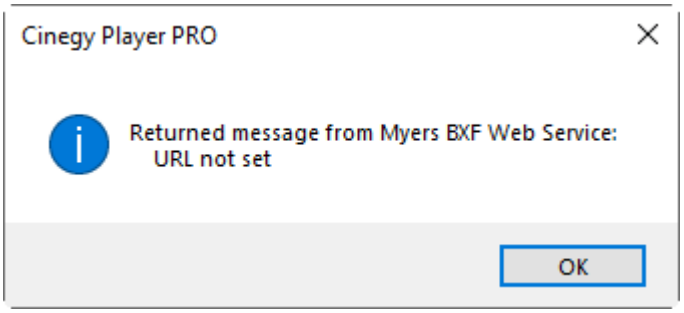
In the "Save as" dialog that appears, navigate to a dedicated folder, specify a file name, and select a BXF file type from the drop-down list. Press the "Save" button to create the file with the name and type you have selected:



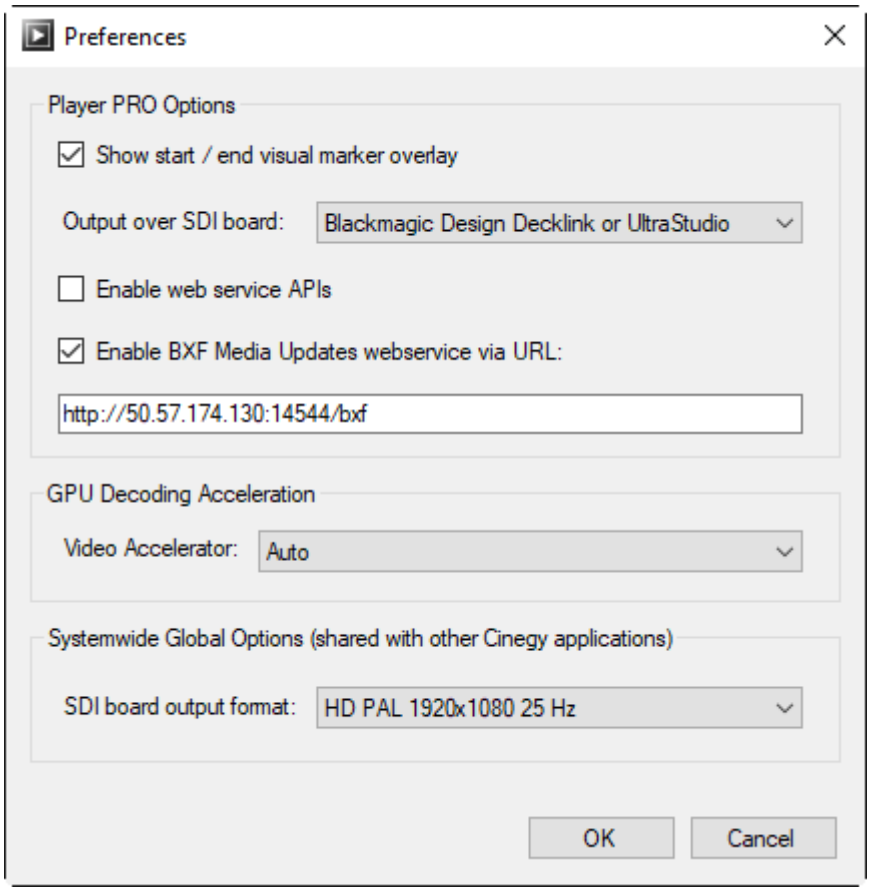
Submit BXF

Press the "Submit BXF" button to submit BXF files directly to the Myers BXF Web Service.

If you submit a BXF file without specifying the traffic system URL, the following error message appears:



To enable this feature, select the corresponding checkbox and specify the BXF Media Updates web service URL in the Preferences dialog.

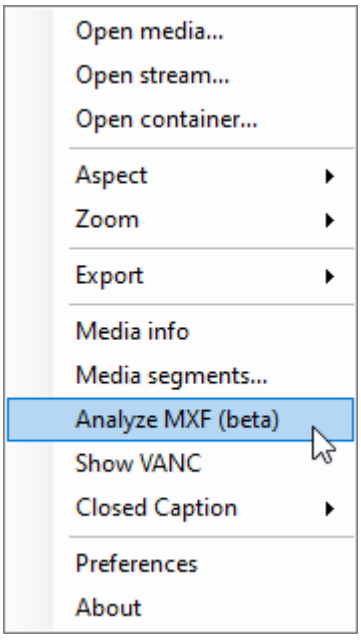


Created BXF files can be used by broadcasters in traffic systems. The BXF traffic lists are supported by **Cinegy Traffic Gateway**.

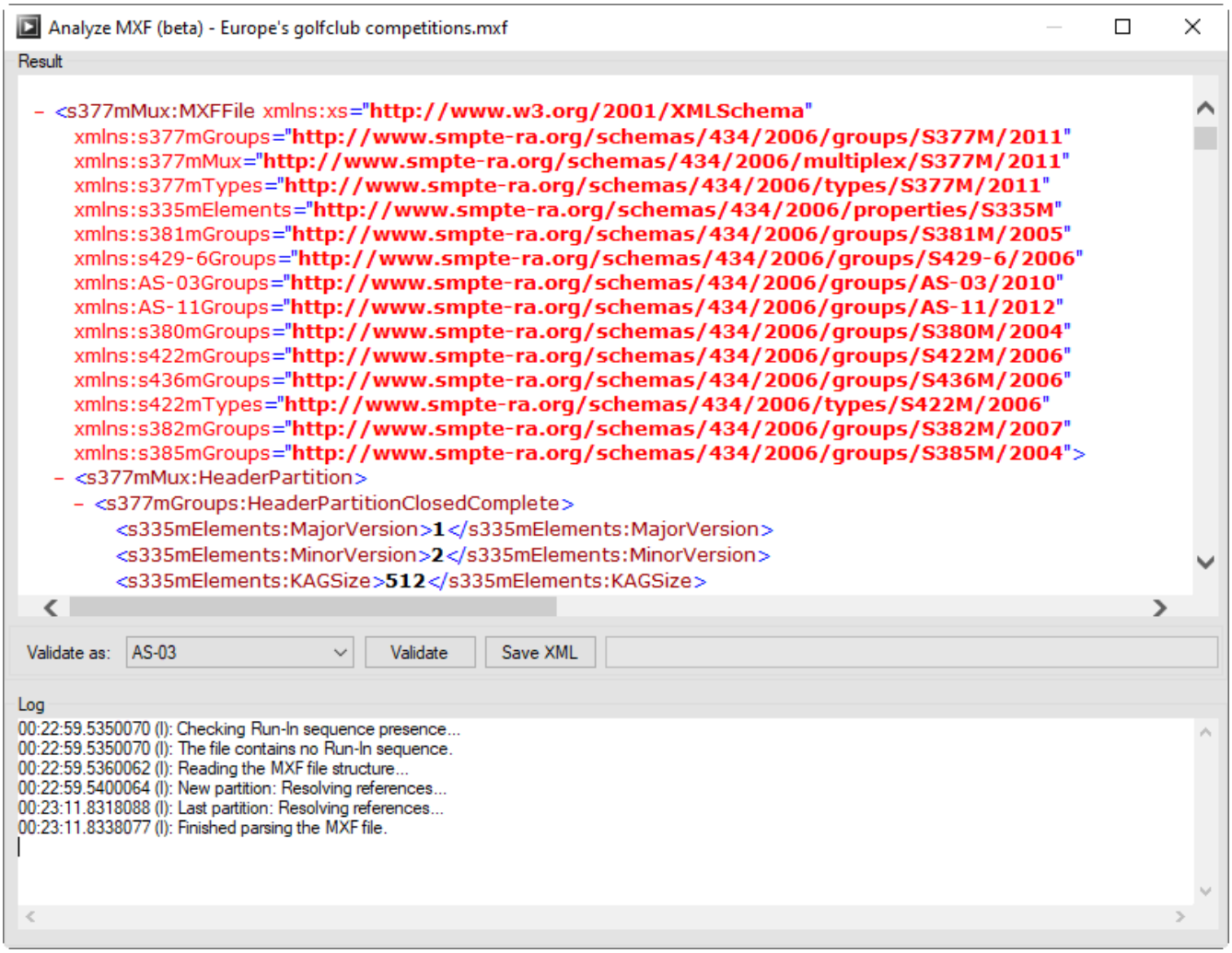
2.11 Analyzing MXF

This functionality is in beta stage.

Select the "Analyze MXF" command from the context menu:



Select the MXF media file; the following window will show the result of MXF analysis and generate the log:



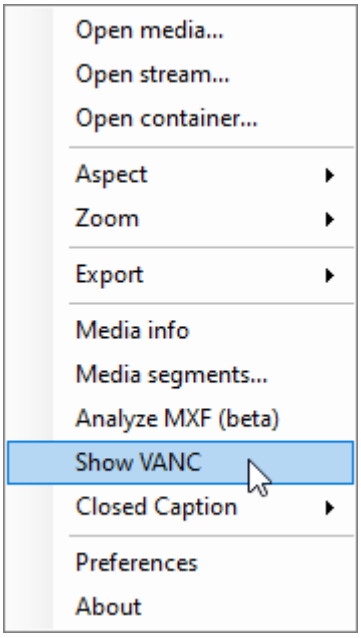
In the "Validate as" field, choose one of the two available options: AS-03 or AS-11.

Validate — Press this button to validate the analysis results.

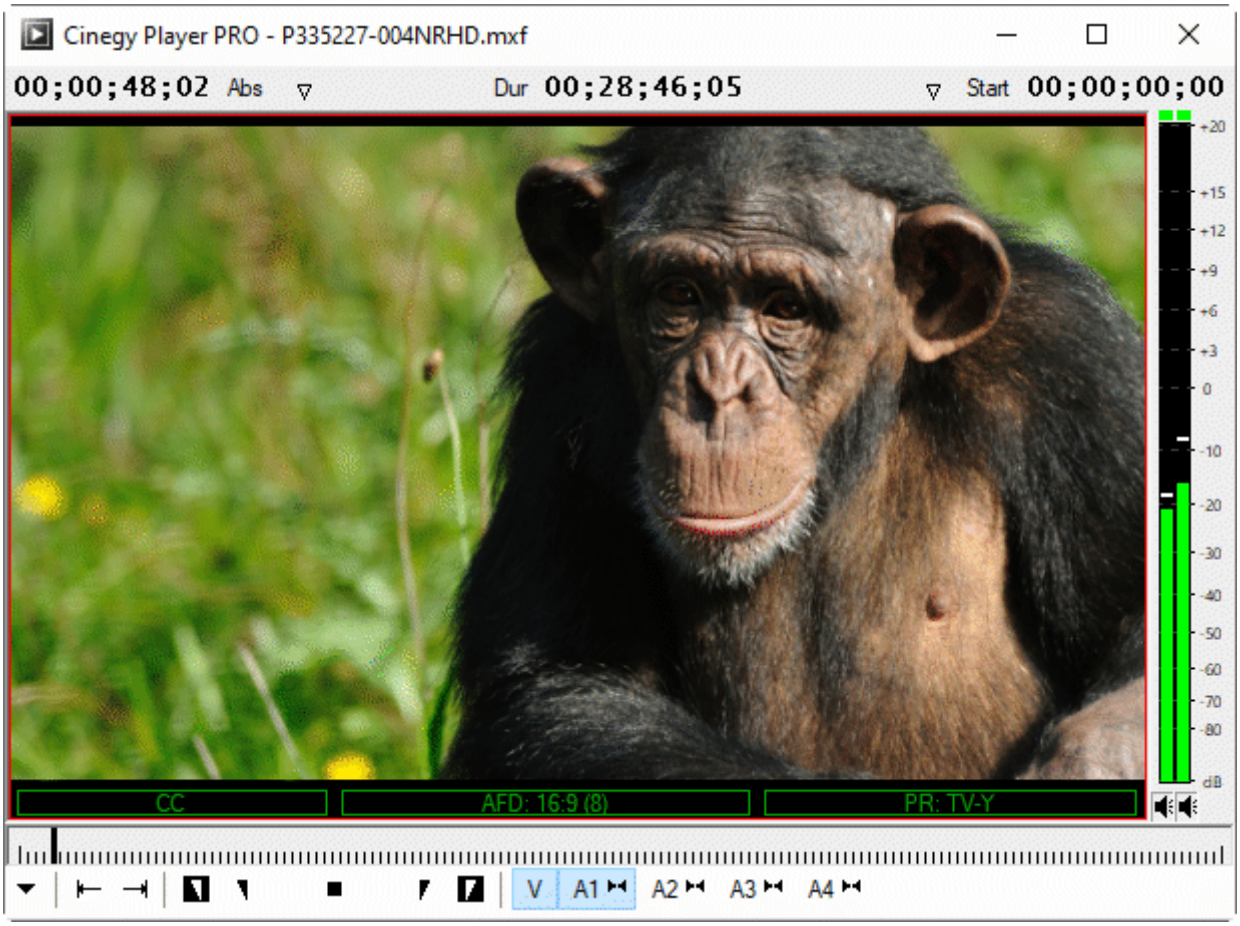
Save XML — Press this button to save the file in *.xml format; in the launched window, specify the desired location where the file will be saved.

2.12 VANC Data Display

Cinegy Player PRO can be set up to show the VANC data indicators. To enable this function, select the "Show VANC" option from the Cinegy Player PRO context menu:



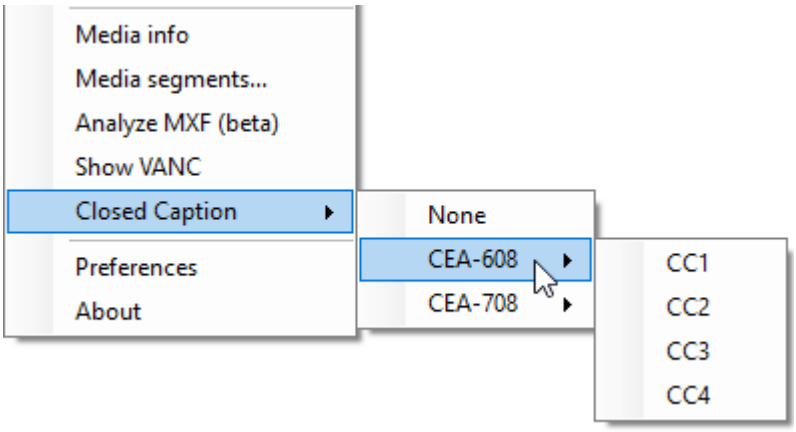
If a clip contains VANC data, the VANC indicators will display the corresponding values:



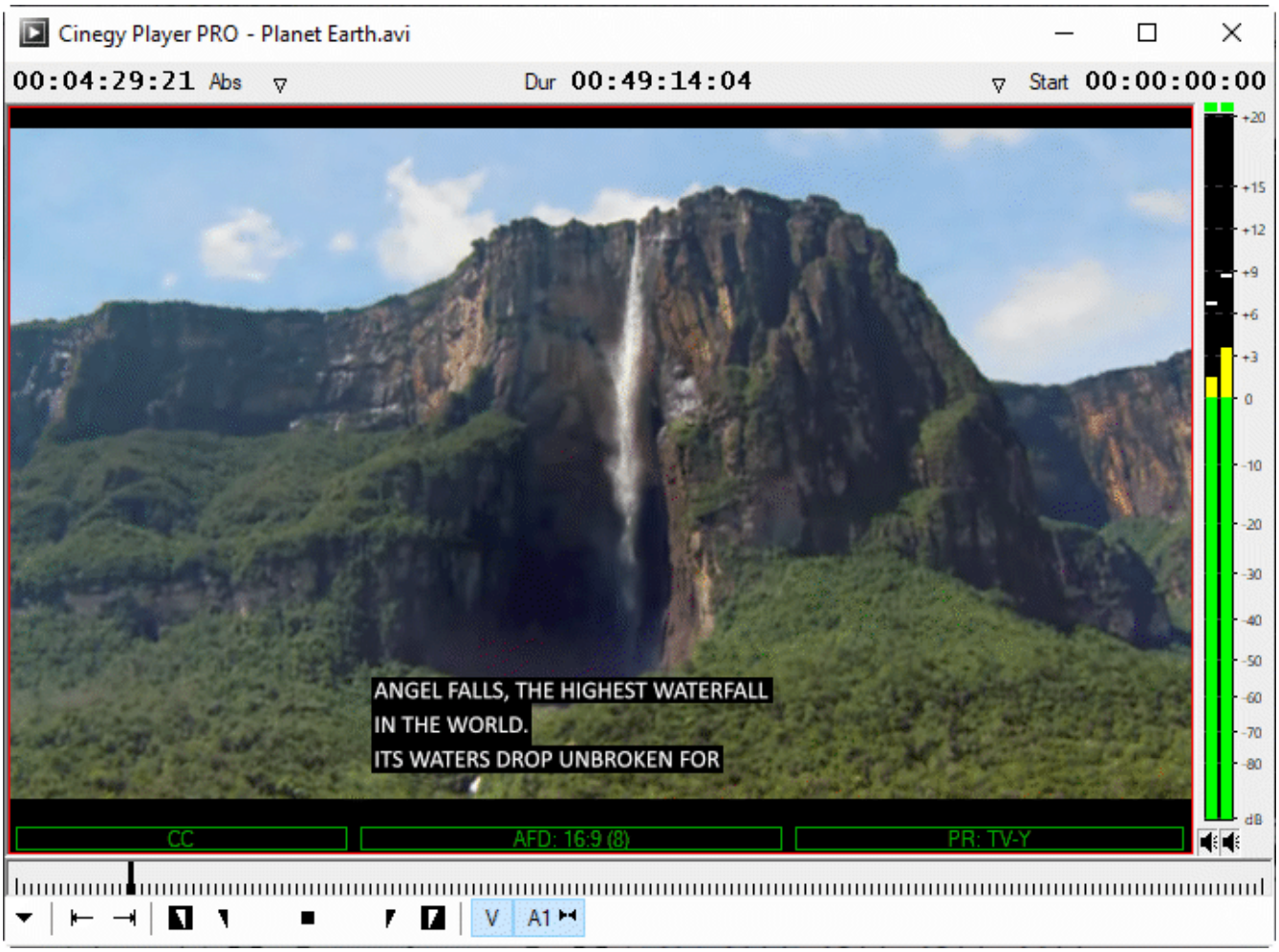
- **CC (Closed Captions)** – indicates if closed captions are present in the current media file.
- **AFD (Active Format Description)** – displays the active picture's aspect ratio.
- **PR (Parental Rating)** – displays the TV parental guidelines rating of the current media content.

2.13 Closed Captioning

Cinegy Player PRO supports closed captions decoding and display. To enable this function, use the "Closed Caption" option from the context menu and choose the way to encode your closed captioning by selecting CEA-608 or CEA-708 from the drop-down list. Depending on the defined format, choose the number of the track or service from which closed captions will be decoded:



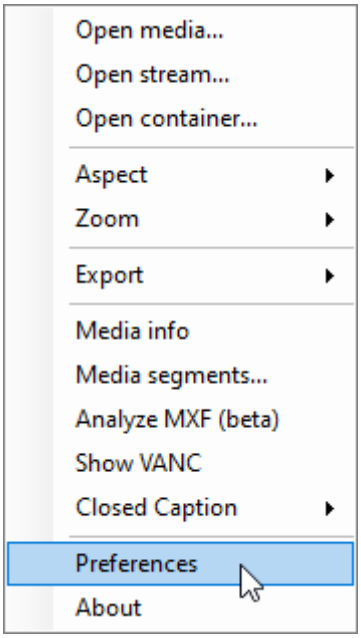
The corresponding closed captions will be displayed:



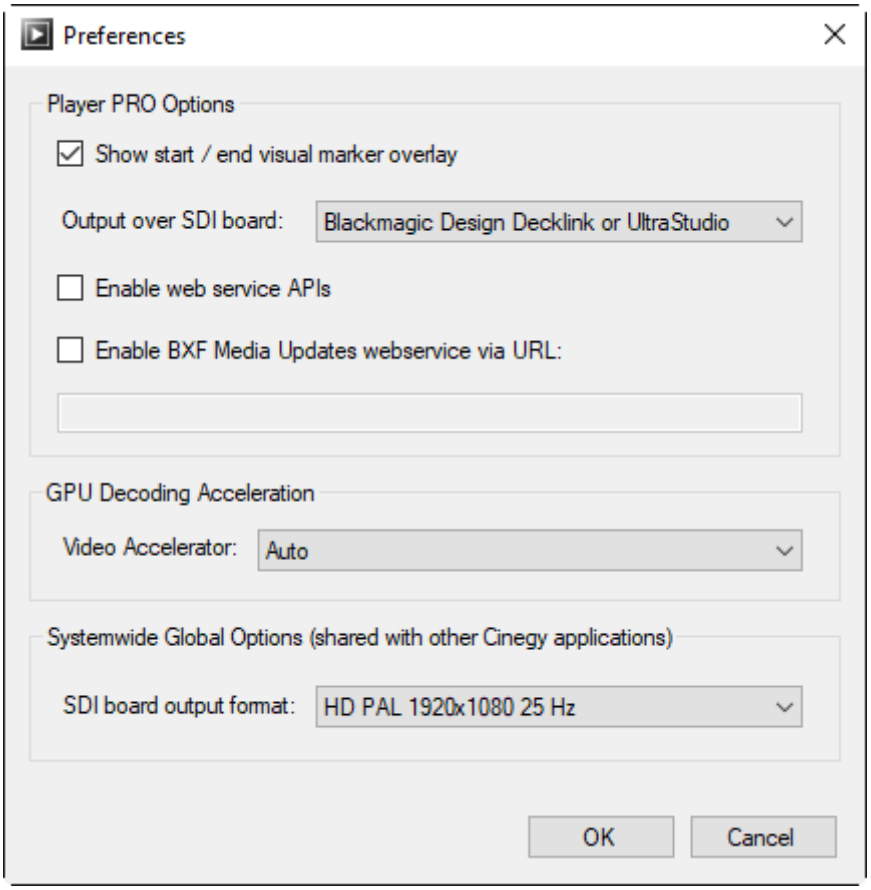
Decoding and display of closed captions are supported for file-based playback as well as for streaming from a URL.

2.14 Preferences

To configure the player and enable Cinegy Player PRO features, select the "Preferences" command from the context menu:



The following "Preferences" dialog appears:



Here you can set up the following parameters:

- **Show start / end visual marker overlay** – enable/disable the start and end hints in Cinegy Player PRO.



Refer to the **Start / End Clip Hints** article for more information.

- **Output over SDI board** – choose the required SDI board for output from the drop-down list.



Refer to the **System Recommendations** for more information.

- **Enable web service APIs** – enable/disable performing Cinegy Player PRO control actions via API.
- **Enable BXF Media Updates webservice via URL** – enable/disable BXF files submission directly to Myers BXF Web Service.
- **GPU Decoding Acceleration** – use the "Video Accelerator" drop-down list to select whether the default CPU or an external graphics card will be used for encoding and processing.



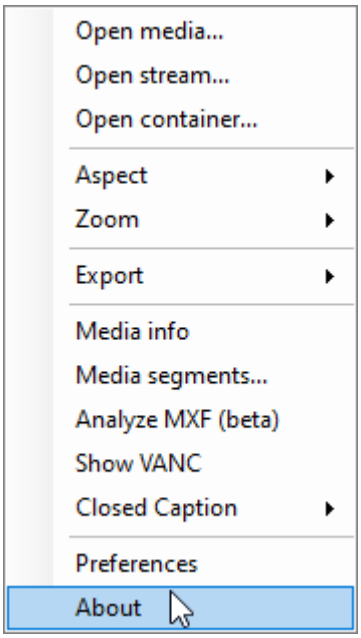
The drop-down list options depend on the graphics card(s) installed on your machine.

- **Systemwide Global Options** – use the "SDI board output format" drop-down list to define a default TV format to be used for output over the SDI board.

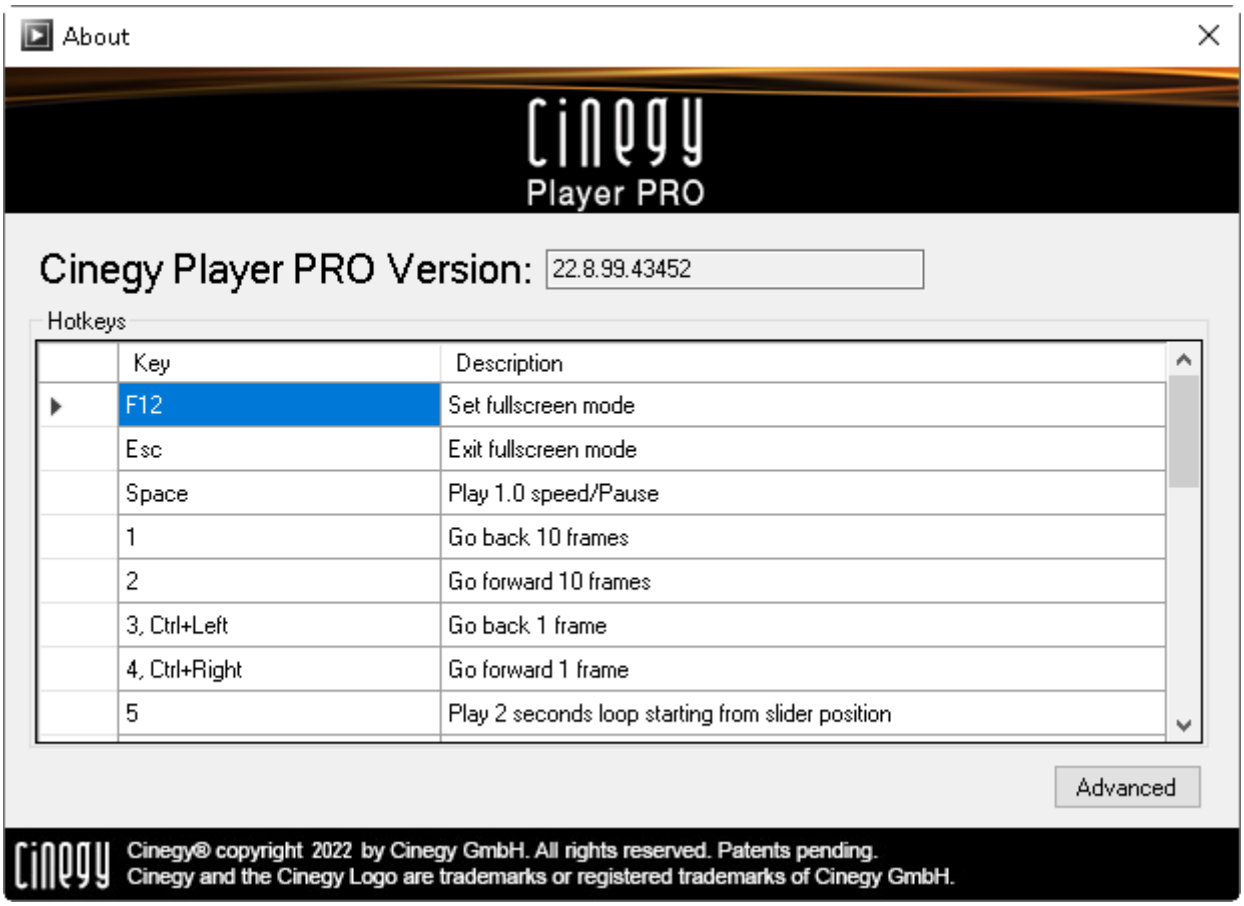
Chapter 3 About Cinegy Player PRO

Cinegy Player PRO is a user-friendly and easy-to-handle tool due to the industry-standard keyboard shortcuts and intuitive interface. These features make it indispensable for modern professional broadcasting.

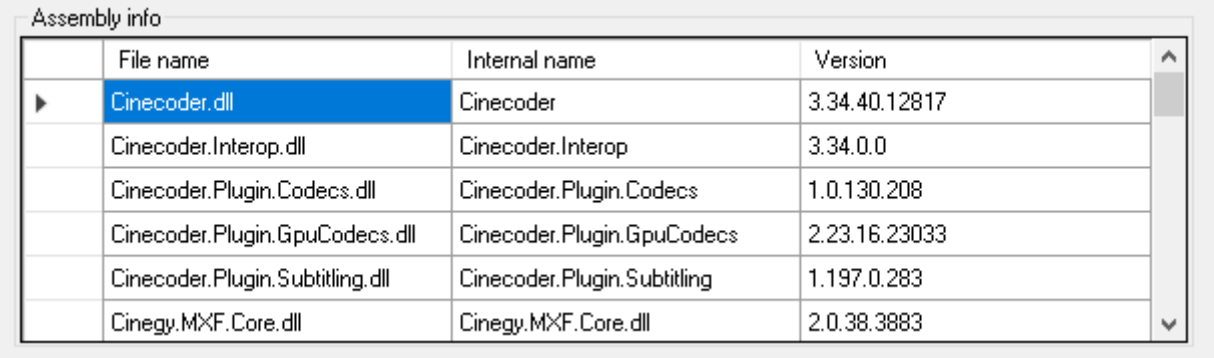
Right-click anywhere within the player window and choose the "About" command from the context menu:



This will open the window with information about the product version and the table with hot keys and their description:



Advanced Press the "Advanced" button to show/hide the assembly information.


Assembly info

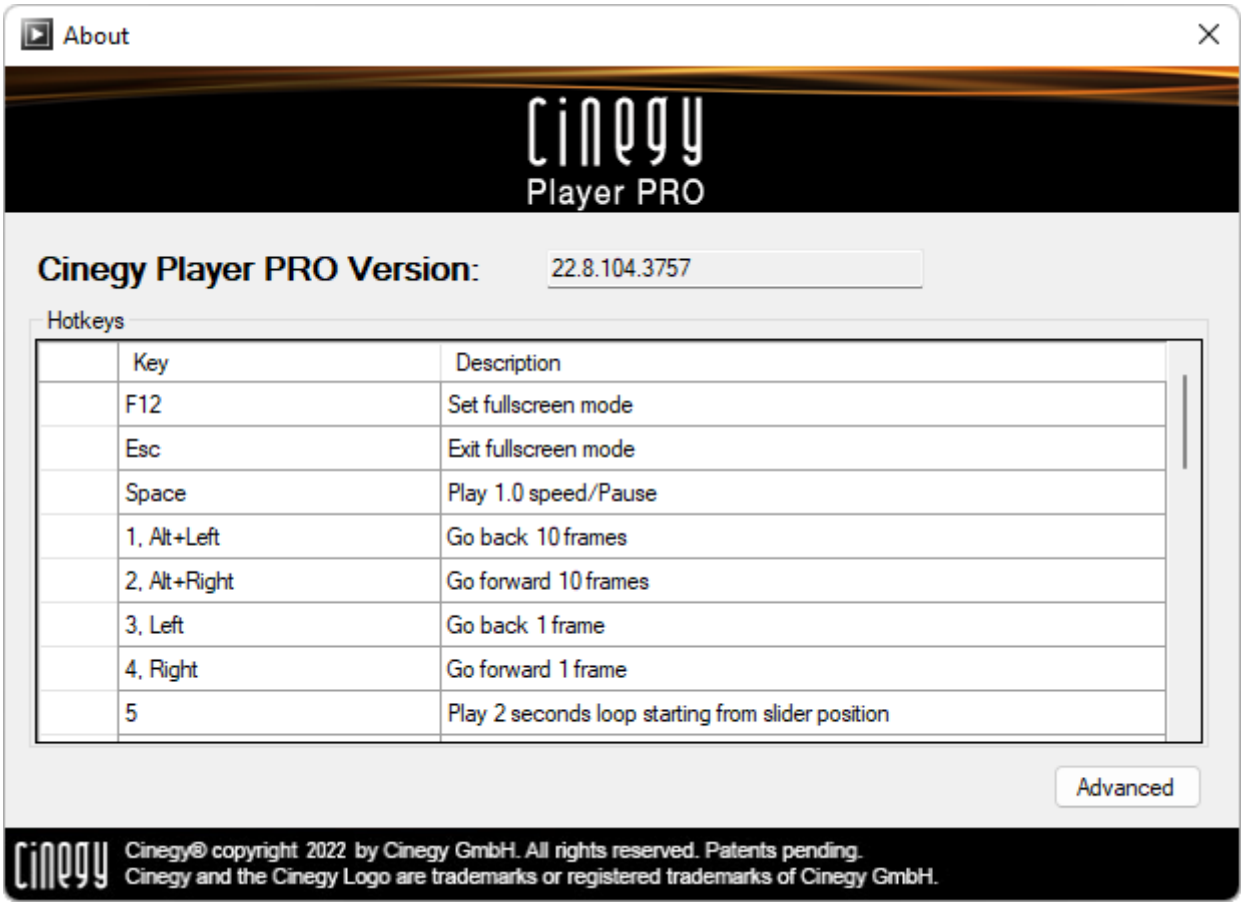
File name	Internal name	Version
Cinecoder.dll	Cinecoder	3.34.40.12817
Cinecoder.Interop.dll	Cinecoder.Interop	3.34.0.0
Cinecoder.Plugin.Codecs.dll	Cinecoder.Plugin.Codecs	1.0.130.208
Cinecoder.Plugin.GpuCodecs.dll	Cinecoder.Plugin.GpuCodecs	2.23.16.23033
Cinecoder.Plugin.Subtitling.dll	Cinecoder.Plugin.Subtitling	1.197.0.283
Cinegy.MXF.Core.dll	Cinegy.MXF.Core.dll	2.0.38.3883

The information is given in a table consisting of three columns that contain the file name, internal name, and version number.

You can find the full list of hotkeys and their descriptions in the **Shortcuts** article.

Chapter 4 Shortcuts

The list of shortcuts supported in Cinegy Player PRO is available in the "About" dialog:



The following table represents the full list of shortcuts supported in Cinegy Player PRO:

Hotkey	Description
F12	Set full-screen mode
Esc	Exit full-screen mode
Space	Play 1.0 speed / Pause
1 or Alt + ←	Go back 10 frames
2 or Alt + →	Go forward 10 frames
3 or ←	Go back 1 frame
4 or →	Go forward 1 frame
5	Play 2 seconds loop starting from the slider position
6	Play In-Out
Ctrl+6	Play In-Out only once
8	Enable/disable the V1 video channel
9	Enable/disable the S1 audio channel
0	Enable/disable the S2 audio channel
–	Enable/disable the S3 audio channel

Hotkey	Description
=	Enable/disable the S4 audio channel
Y or Home	Go to the start
U or End	Go to the end
K	Pause
J	Play backward
L	Play forward
E	Set the mark In
R	Set the mark Out
D	Set the mark In to the start position
F	Set the mark Out to the end position
G	Clear the mark In / mark Out
A	Go to the previous search event
S	Go to the next search event
Q	Go to the mark In
W	Go to the mark Out
Ctrl+Alt+Q	Play forward at 12.5% speed
Ctrl+Alt+W	Play forward at 25% speed
Ctrl+Alt+E	Play forward at 50% speed
Ctrl+Alt+R	Play forward at 100% speed
Ctrl+Alt+T	Play forward at 200% speed
Ctrl+Alt+Y	Play forward at 400% speed
Ctrl+Alt+U	Play forward at 1600% speed
Ctrl+Alt+I	Play forward at 6400% speed
Shift+Ctrl+Alt+Q	Play backward at 12.5% speed
Shift+Ctrl+Alt+W	Play backward at 25% speed
Shift+Ctrl+Alt+E	Play backward at 50% speed
Shift+Ctrl+Alt+R	Play backward at 100% speed
Shift+Ctrl+Alt+T	Play backward at 200% speed
Shift+Ctrl+Alt+Y	Play backward at 400% speed
Shift+Ctrl+Alt+U	Play backward at 1600% speed
Shift+Ctrl+Alt+I	Play backward at 6400% speed