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Produce and Share a Video

The production process, also called rendering, creates an output file based on the sequence of video clips, audio clips, images, and effects on the Timeline.

Preset production options contain settings that have been optimized for your popular distribution methods: Blog, CD, DVD-Ready, HD, iPhone, iPod, Screencast.com, Web, or YouTube.

Produce Your First Recording

1. After recording, within Recorder's *Preview Window*, click **Produce**.
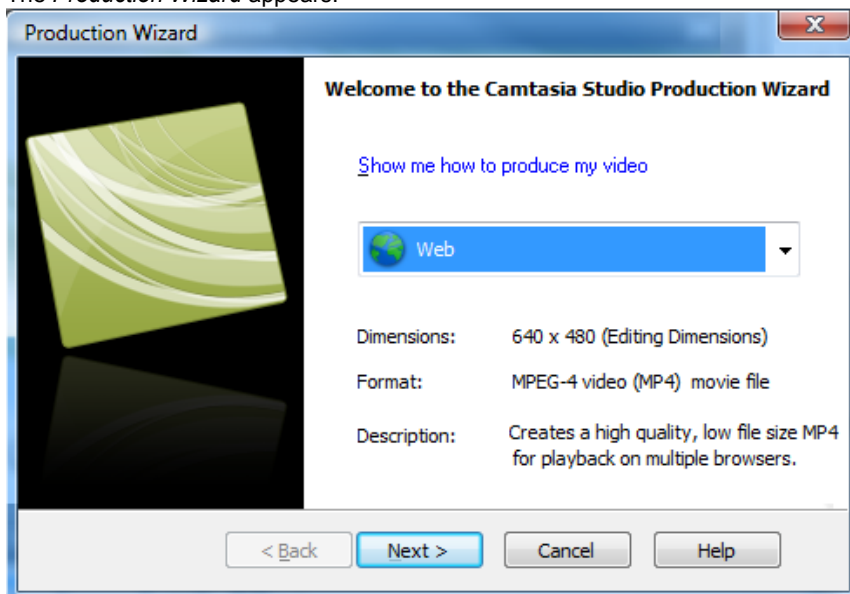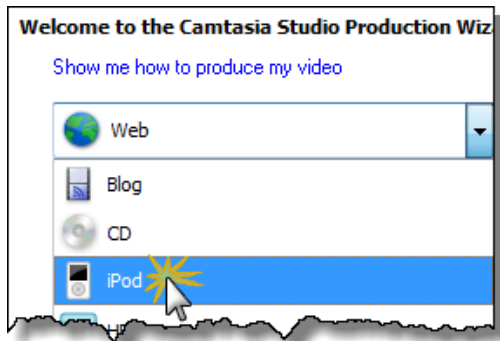

    -Or-

    Within Camtasia Studio, click **Produce and Share**.
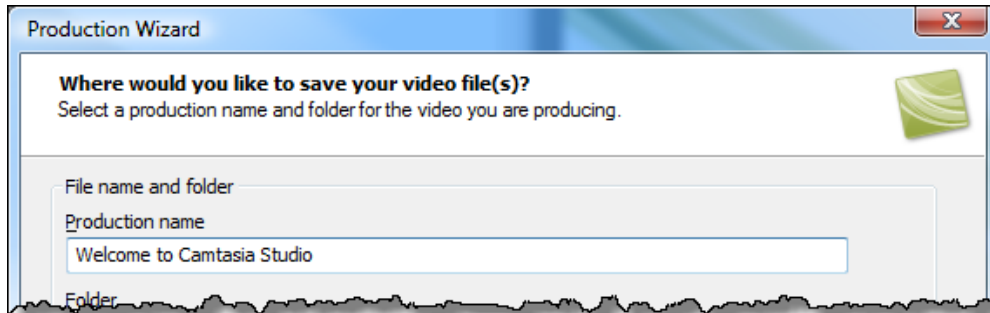

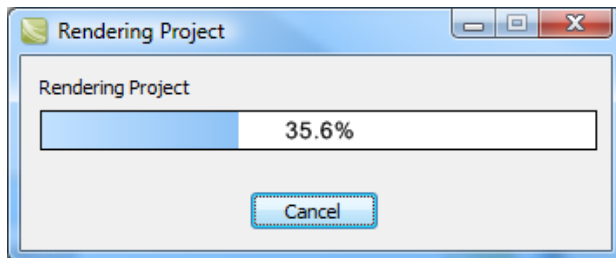
    The *Production Wizard* appears.

2. The default setting is the recommended video file format based on the recording dimensions, editing dimensions and / or content on the timeline. To change to another output destination, select an option from the dropdown menu:

3. Click **Next**. In the **Production name** field, give your video a name.

4. Click **Finish**. The rendering process begins.

5. When rendering is complete, the *Production Results* screen appears. This is an overview listing the specifics of your video such as files created, duration, file size, etc.
6. Click **Finish** to close the Production Wizard.

To learn how to use other Production options, see the following tutorials:

▶ Produce and Share Directly to YouTube
▶ **Produce and Share Directly to ScreenCast.com**
▶ **Produce and Share to Popular Destinations**
▶ **Produce to Flash (MPEG-4, FLV or SWF)**
▶ **Produce to iPod, iPhone, or iTunes (M4V)**

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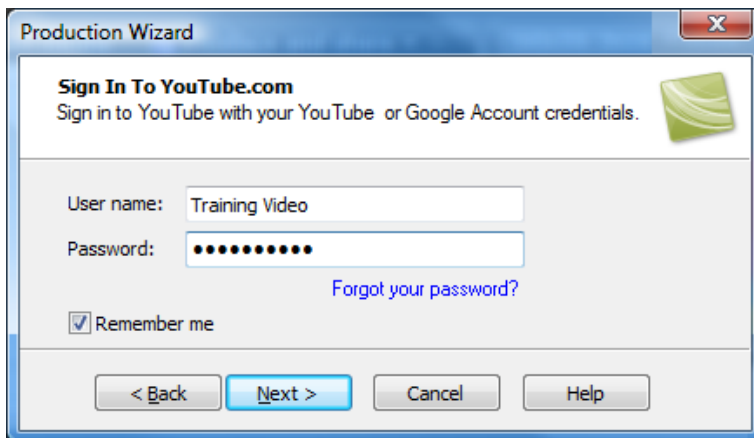Produce and Share a Video : Produce and Share Directly to YouTube

Produce and Share Directly to YouTube
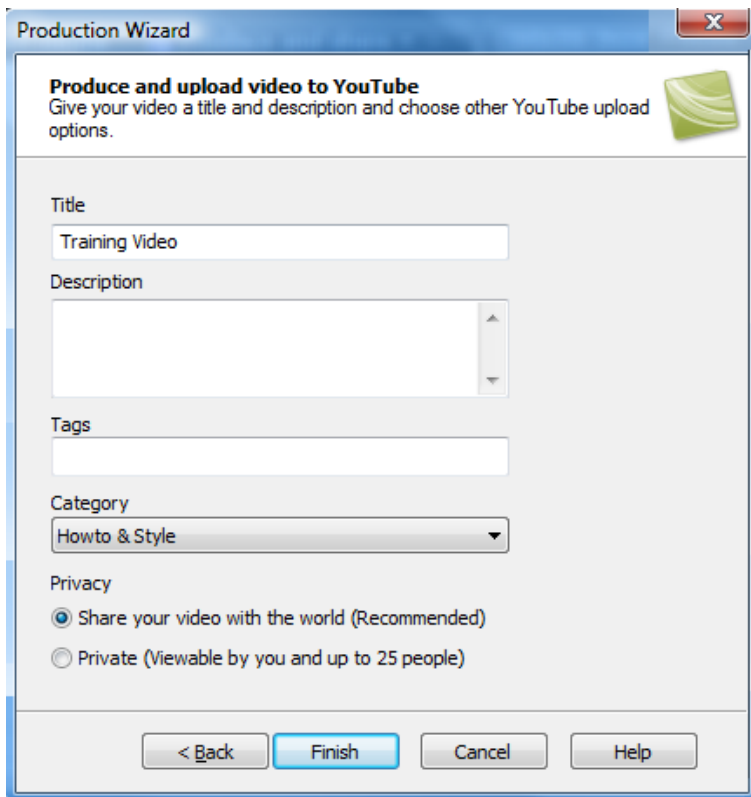
From within Camtasia Studio

1. Within Camtasia Studio, click **Produce and Share** down arrow > **Share to YouTube**.
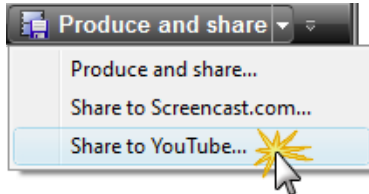
The *Sign In to YouTube* screen appears.

2. Enter your YouTube credentials. Click **Next**.
3. Give your video a title, choose the category, and select other YouTube options.

4. Click **Finish**. The video begins the rendering process.

5. When rendering is complete, the video appears on YouTube and is ready to play.

From Recorder's Preview Window

1. After recording, within Recorder's *Preview Window*, click **Produce**.

   The Production Wizard appears.

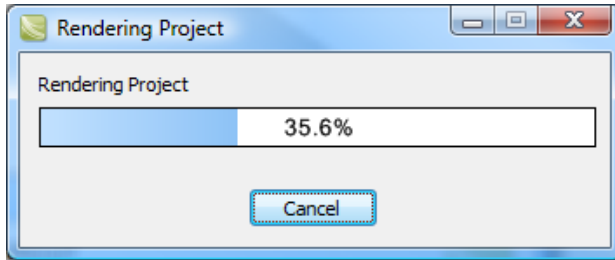2. From the dropdown menu, choose **Share to YouTube**.
3. Click **Next**. The *Sign In to YouTube* screen appears.

4. Enter your YouTube credentials. Click **Next**.
5. Give your video a title, choose the category, and select other YouTube options.
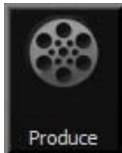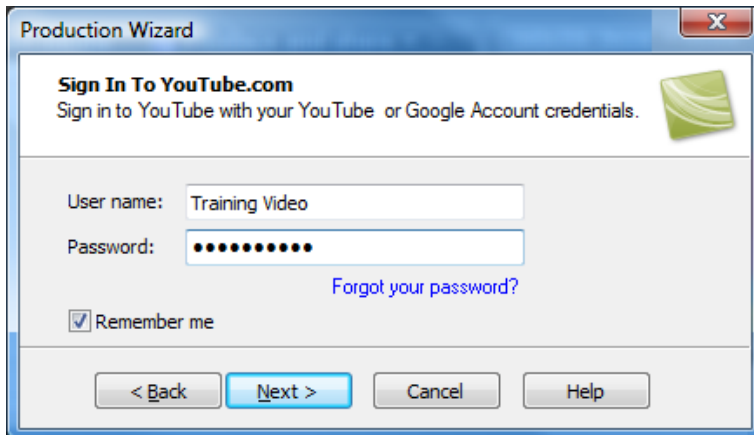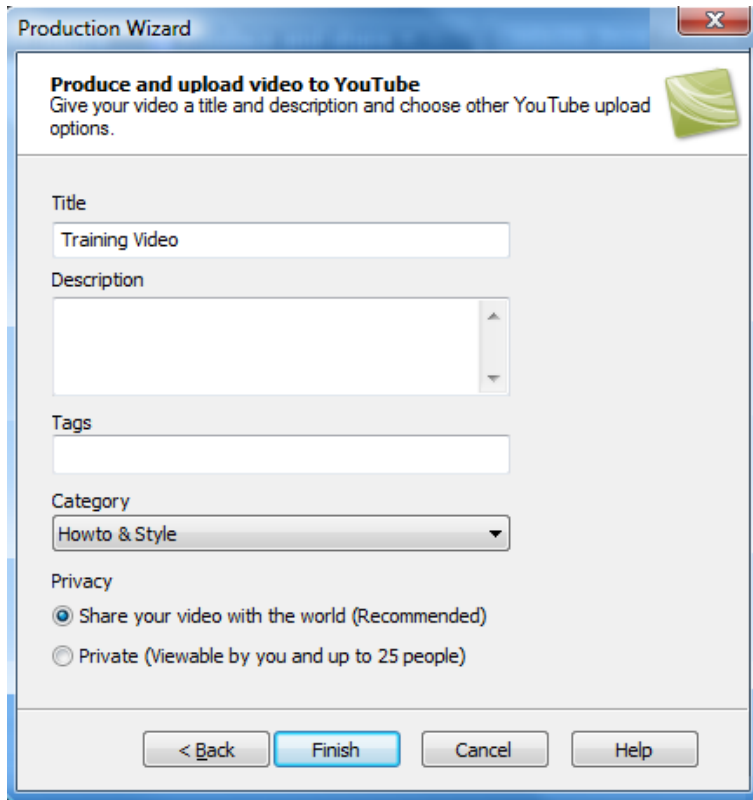
6. When rendering is complete, the video appears on YouTube and is ready to play.

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Produce and Share a Video : Produce and Share Directly to ScreenCast.com

Produce and Share Directly to ScreenCast.com

From within Camtasia Studio

1. Within Camtasia Studio, click **Produce and Share** down arrow > **Share to Screecast.com**.
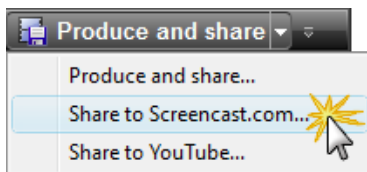
The *Sign In to Screencast*.com screen appears.
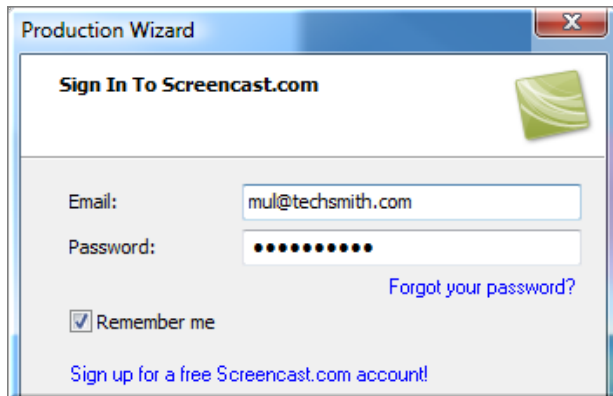
2. Enter your Screencast.com credentials. Click **Next**.
3. Give your video a title and choose the folder that will hold this video. If desired, select other Screencast.com options or add attachments.

4. Click **Finish**. The video begins the rendering process.
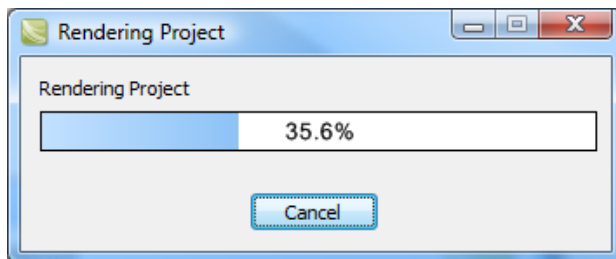
5. When rendering is complete, the video appears on Screencast.com and is ready to play.
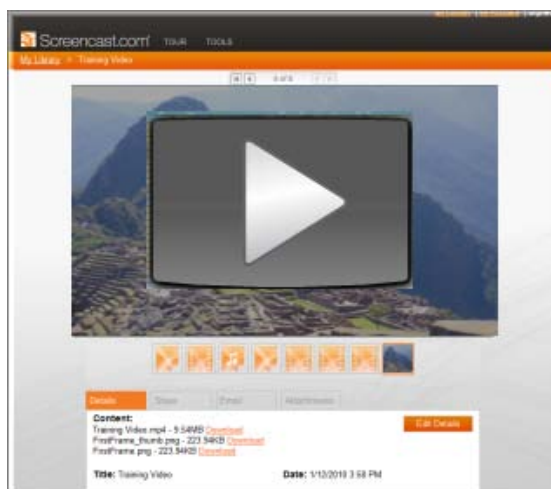
From Recorder's Preview Window

1. After recording, within Recorder's *Preview Window*, click **Produce**.
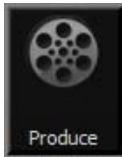
   The Production Wizard appears.

2. From the dropdown menu, choose **Share to Screencast.com**.
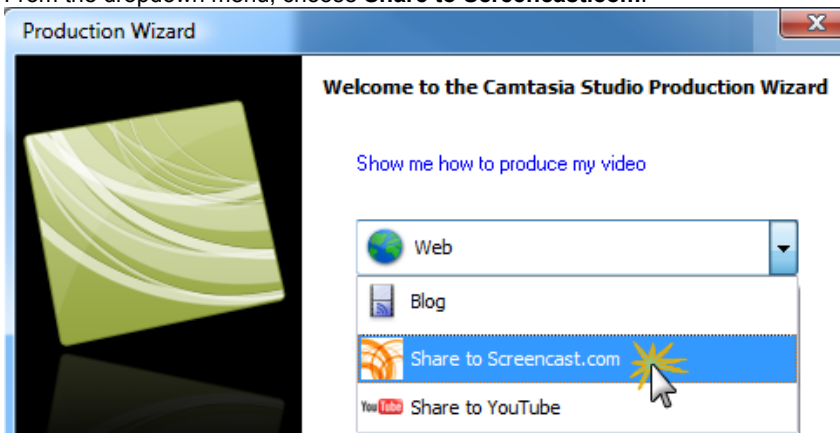
3. Click **Next**. The *Sign In to Screencast*.com screen appears.
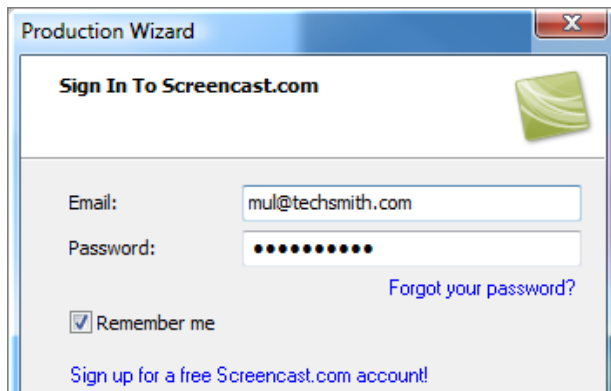
4. Enter your Screencast.com credentials. Click **Next**.

5. Give your video a title and choose the folder that will hold this video. If desired, select other Screencast.com options or add attachments.
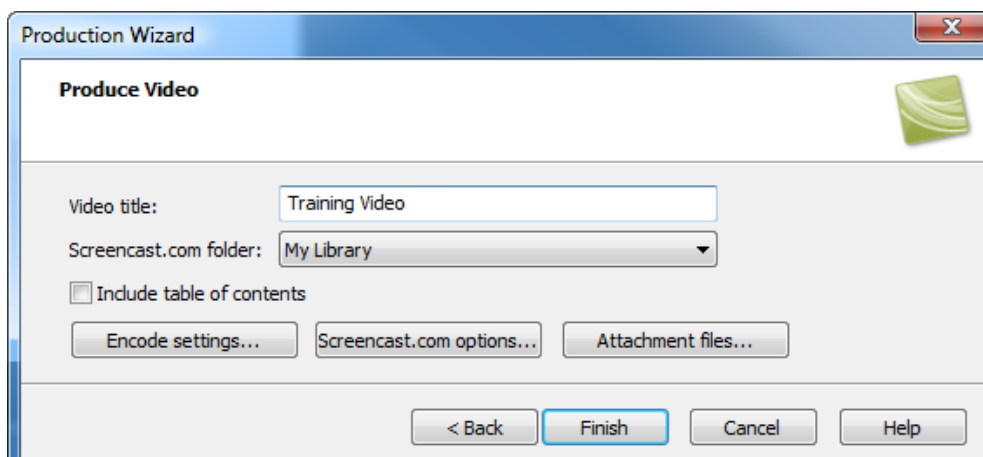
6. Click **Finish**. The video begins the rendering process.
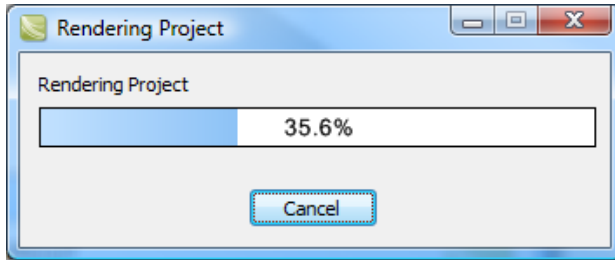
7. When rendering is complete, the video appears on Screencast.com and is ready to play.
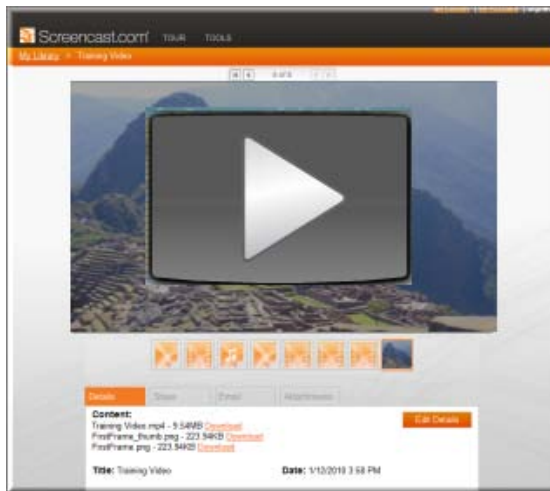
Produce and Share a Video : Produce and Share to Popular Destinations

Produce and Share to Popular Destinations

Production presets contain production settings optimized for your intended distribution method: Blog, CD, DVD-Ready, HD, iPhone, iPod, Screencast.com, Web, or YouTube.

The Production Wizard automatically selects a preset setting compatible with the dimensions selected in the **Editing Dimensions** dialog box.

To Produce and Share

1. Make all edits to your video.
2. Click **Produce and Share**.

3. The *Production Wizard* appears. A preset based on your editing dimensions is the default. To choose another preset, make a selection from the dropdown menu.
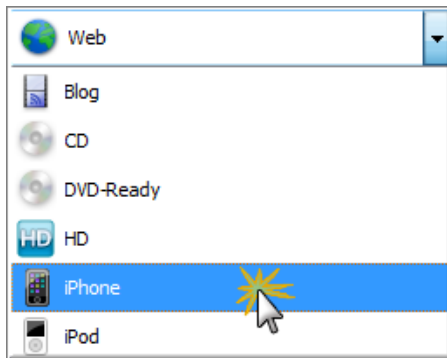
4. The specific settings for the preset appear.
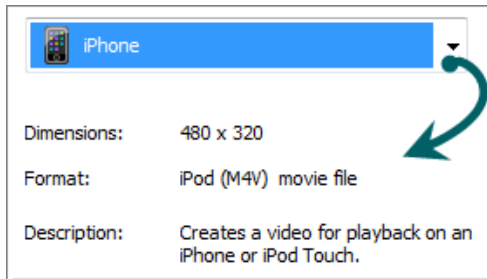
5. Click **Next**.
6. Enter a name and file location. Click **Next**.
7. Click **Finish**.

The video begins rendering and saves to the selected location.

Produce and Share a Video : Produce and Share to Popular Destinations : Add or Edit a Production Preset

Add or Edit a Production Preset

Add a new production preset to:

▶ Create a production standard for company, team, or yourself.
▶ Save frequently used production settings.

Edit a production preset to:

▶ Customize the default presets to fit your production needs.
▶ Make changes to existing presets

1. In Camtasia Studio, click **Produce and Share**.

2. The Production Wizard appears. Select **Add / Edit preset** from the dropdown.
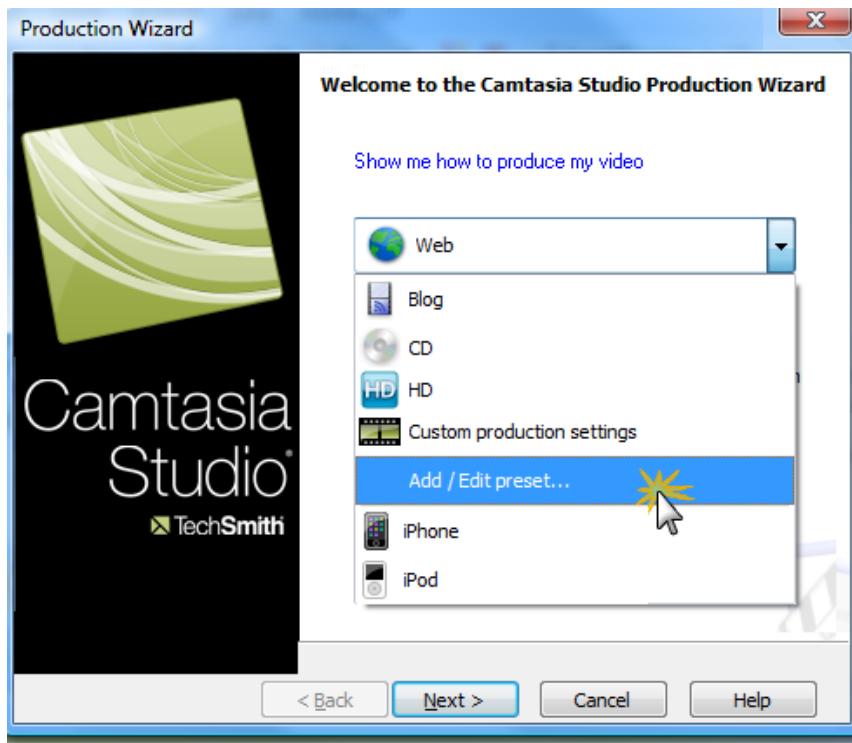
3. Click **Next**. The *Manage Production Presets* dialog box appears.
4. To add a preset, click the **New** button. The *Create a Production Preset Wizard* opens.
   To edit an existing preset, select a preset from the dropdown and click the **Edit** button. The *Edit a Production Preset Wizard* opens.
5. Enter a name and description for the preset and choose a file format.
6. Click **Next**. Step through the rest of the wizard to make selections relevant to the file format that you chose.
7. At the end of the wizard, click **Finish**.
8. In the *Manage Production Presets* dialog box, click **Close**.

The production preset appears in the dropdown list in the Production Wizard.

See also:

▶ **Produce and Share to Popular**
▶ **Share a Production Preset**
▶ **Save Production Settings as a Preset**

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Produce and Share a Video : Produce and Share to Popular Destinations : Share a Production Preset

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Share a Production Preset

Share production presets to:

▶ Share an optimal way to display videos for a particular form of media, such as for a mobile device.
▶ Work on a project or class assignment with multiple people that require specific dimensions, file formats, or other production options.
▶ Define a standard look for a company's videos.

Share a Production Preset

⚠ You cannot share presets created in previous versions of Camtasia Studio.

1. Open the following file location:
   ■ On Windows XP or earlier version: C:\Documents and Settings\My Documents\Camtasia Studio\Custom Production Presets 7.0
   ■ On Windows Vista: C:\User\Documents\Camtasia Studio\Custom Production Presets 7.0
2. Right-click on the production preset (.xml) to share. Select **Send To > Mail Recipient**.
3. The recipient needs to copy the file into the same file location.

The production preset appears in the recipient's dropdown in the Production Wizard.

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Produce and Share a Video : Produce using Custom Production Settings

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Produce using Custom Production Settings

The **Custom production settings** option allows you to select detailed production options and save the settings as a preset for future use.

In the Production Wizard, select the following series of production options for the **Custom production settings** option. The options available depend on the file format selected.

1. In Camtasia Studio, click **Produce and Share**.

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2. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.
3. Select the appropriate file format based how you will distribute the video. See **Production File Format Overview** for recommendations.
4. Select any additional output options. You can choose to include a .mp3, .m4v (for iPod or iTunes), or a PowerPoint presentation with the produced video for viewer's to download. Click **Next**.
5. Select the encoding options. Click **Next**.
6. Select the **Production Wizard: Video Size**. Click **Next**.
7. Select the **Production Wizard: Video Options**. Click **Next**.
8. If you have markers on the Timeline, customize the table of contents or choose to create multiple videos based on the markers. Click **Next**. See **Customize a Video Based on Markers**.
9. On the *Produce Video* screen, select the file save, **post production**, and upload options.
10. Click **Finish**. The video begins rendering.

Production File Format Overview

File Format	Recommended Distribution	Description
Flash (MPEG-4 AVC) *Recommended	Web playback in multiple browsers	Ideal for longer or high motion videos
Flash (FLV)	Web playback when Flash video player accepts the FLV format and does not accept MPEG-4 AVC	Good for longer or high motion videos
Flash (SWF)	Web playback in multiple browsers	Ideal for short, low motion screen videos
Windows Media Player (WMV)	Windows Media Player Web	Good choice for audiences on Windows operating system. Windows Media Player is installed on most Windows computers.
QuickTime movie (MOV)	Cross-platform playback (Mac or Windows) QuickTime Movie Player	Good choice for audiences on both Macintosh and Windows operating systems. QuickTime Player required for playback.
Audio Video Interleave (AVI)	CD DVD Hard drive	Retains the highest quality settings. You can import .avi files into other video editing software.
iPod, iPhone, iTunes (M4V)	Video capable iPod iPod Touch iPhone iTunes	Produces a video for playback on a video capable iPod, iPod Touch, iPhone, or within iTunes.
Audio only (MP3)	Audio playback	Produces an audio file.
RealMedia (RM)	RealMedia Player	Produces a video for playback in RealPlayer.
Camtasia for RealPlayer (CAMV)	Camtasia for RealPlayer Plug-In Playback on a viewer's hard drive, from a network, or over the Web.	Produces lossless, highly compressed video. Ideal for content with few color gradient and low motion. RealPlayer required for playback.
Animation File (Animated GIF)	Web Email Documents	Ideal for short animations such as animated graphics or 1-5 second clips. GIF files do not include audio and are limited to 256 colors.
Additional Outputs		
MP3	Audio playback	Audio only file. Select the audio format from the dropdown list.
M4V	Video capable iPod iTunes	Produces a copy of the produced video for playback on an iPod or within iTunes.
PPT	Microsoft PowerPoint®	Include a PowerPoint presentation to download.

		⚠ This option is only available when the Timeline includes a .camrec recorded with the PowerPoint Add-in.

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Produce and Share a Video : Produce using Custom Production Settings : Produce to Flash (MPEG-4, FLV or SWF)

Produce to Flash (MPEG-4, FLV or SWF)

The Flash output (MPEG-4, FLV or SWF) creates a high quality, low file size video for playback on multiple Web browsers.

▸ The MPEG-4 AVC file format offers the best compression for both screen recordings and high motion videos.

▸ The FLV format should be used for Web playback when the Flash video player accepts the FLV format and does not accept MPEG-4 AVC.

▸ The SWF file format is ideal for producing short videos (approximately 15 minutes or less) that do not contain a great deal of motion, such as transitions, Zoom-n-Pan keyframes, or animation.

📌 With the ExpressShow Flash template, you can customize the video's table of contents, about box, start screen and end screen.

1. In Camtasia Studio, click **Produce and Share**.

   The Production Wizard appears.

2. Select **Custom production settings** from the dropdown. Click **Next**.
3. Select the **MP4/FLV/SWF – Flash output** option. Click **Next**.
4. In the *Flash Templates* screen, select a **Flash template** and a **Flash Template Theme**. Click the **Flash options** button to customize the Flash format, audio, table of contents, and controls. Click **Next**.
5. Select the **video options**. Click **Next**.
6. On the *Produce Video* screen, select the file save, **post production**, and upload options.
7. Click **Finish**. The video begins rendering.

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Produce and Share a Video : Produce using Custom Production Settings : Produce to Flash (MPEG-4, FLV or SWF) : Flash Templates

Flash Templates

🔷 Camtasia Studio > Produce video as > Custom production settings > Next > MP4/FLV/SWF – Flash Output > Next

The *Flash Templates* screen in the Production Wizard determines the appearance, layout, and dimensions of the final Flash video.

- The **Flash Template** defines the layout of the video based on elements on the Timeline such as markers, Flash quizzes or surveys, and Picture-in-Picture (PIP).
- The **Flash Template Theme** defines the appearance of the video controller and wrapper.
- Click the **Flash options** button to select advanced Flash options such as file format, audio encoding, table of contents, controls and end actions.
- Select the maximum dimensions for the video from the **Fit in** dropdown list.
- The Preview area shows a sample of the Flash template, theme, and Flash options selected. Click the **Video**, **Controls**, **TOC**, or **PIP** links within the Preview area to select options.
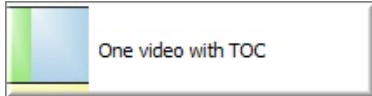

Produce and Share a Video : Produce using Custom Production Settings : Produce to Flash (MPEG-4, FLV or SWF) : Flash Template Examples

Flash Template Examples

Camtasia Studio > Produce and Share button > Custom production settings > Next > MP4/FLV/SWF – Flash Output > Next

The **Flash Template** defines the layout of the video based on elements on the Timeline such as markers, Flash quizzes or surveys, and Picture-in-Picture (PIP).

Template	Description	Minimum Version Required
One video	Produces a main video with embedded playback controls.	▶ MPEG-4: Flash Player 9.0.115 ▶ SWF: Flash Player 8
One video with TOC	Produces a main video with embedded playback controls and a table of contents (TOC). **Table of contents** entries are based on any markers, quizzes, or surveys on the Timeline.	▶ MPEG-4: Flash Player 9.0.115 ▶ SWF: Flash Player 8
One video with PIP	Produces a main video with embedded Picture-in-Picture (PIP) video and embedded playback controls.	▶ MPEG-4: Flash Player 9.0.115 ▶ SWF: Flash Player 8

One video with PIP		
One video with PIP and TOC	Produces a main video with embedded Picture-in-Picture (PIP) video, embedded playback controls, and a table of contents (TOC). **Table of contents** entries are based on any markers, quizzes, or surveys on the Timeline.	▶ MPEG-4: Flash Player 9.0.115 ▶ SWF: Flash Player 8
Two videos side-by-side	Produces a main video with a Picture-in-Picture (PIP) video located to the side of the main video and embedded playback controls.	▶ Flash Player 9.0.115
Two videos side-by-side with TOC	Produces a main video with a Picture-in-Picture (PIP) video located to the side of the main video, embedded playback controls, and a table of contents. **Table of contents** entries are based on any markers, quizzes, or surveys on the Timeline.	▶ Flash Player 9.0.115
ExpressShow	Produces a main video with embedded playback **controls** and customizable	▶ MPEG-4: Flash Player 9.0.115 ▶ SWF: Flash Player 8. If the Full Screen option is enabled, Flash Player 9.0.28.
ExpressShow with TOC	Produces a main video with embedded playback controls, customizable and a table of contents. **Table of contents** entries are based on any markers, quizzes, or surveys on the Timeline.	▶ MPEG-4: Flash Player 9.0.115 ▶ SWF: Flash Player 8. If the Full Screen option is enabled, Flash Player 9.0.28.
ExpressShow with PIP	Produces a main video with embedded playback controls, embedded Picture-in-Picture video (PIP), and other customizable Flash options.	▶ MPEG-4: Flash Player 9.0.115 ▶ SWF: Flash Player 8. If the Full Screen option is enabled, Flash Player 9.0.28.
ExpressShow with PIP and TOC	Produces a main video with embedded playback controls, embedded Picture-in-Picture (PIP), customizable and other customizable Flash options. **Table of contents** entries are based on any markers, quizzes, or surveys on the Timeline.	▶ MPEG-4: Flash Player 9.0.115 ▶ SWF: Flash Player 8. If the Full Screen option is enabled, Flash Player 9.0.28.
Legacy SWF Output	Produces one video in SWF format with embedded basic playback controls.	▶ Flash Player 6
No Controls	Produces a video only file with no embedded playback controls. Ideal for importing into other video editing applications.	▶ SWF: Flash Player 6

Produce and Share a Video : Produce using Custom Production Settings : Produce to Flash (MPEG-4, FLV or SWF) : Flash Template Theme

Flash Template Theme

Camtasia Studio > Produce and Share button > Custom production settings > Next > MP4/FLV/SWF – Flash Output > Theme

The theme determines the appearance of the video controller and wrapper. The selected theme appears in the Preview.

▶ **Glass**:

▶ **Matte**:

▶ **Classic**:

▶ **Onyx**:

Produce and Share a Video : Produce using Custom Production Settings : Produce to Flash (MPEG-4, FLV or SWF) : Flash Video Dimensions
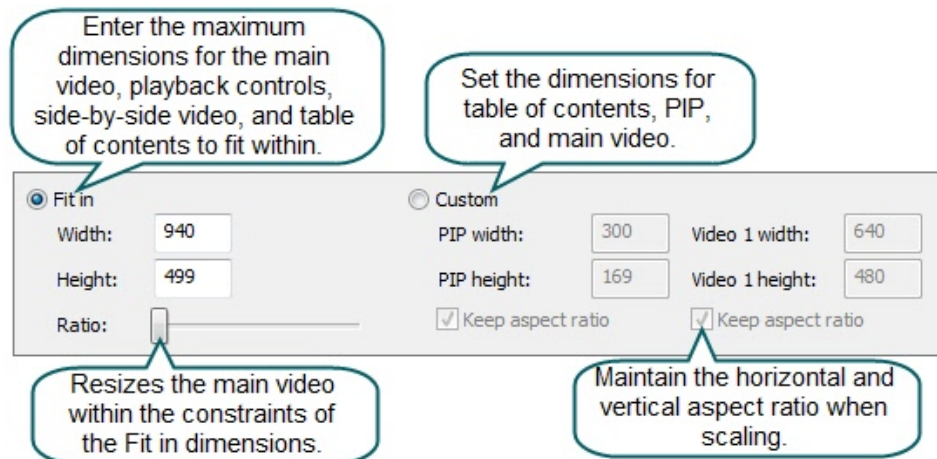
Flash Video Dimensions

> Camtasia Studio > Produce and Share button > Custom production settings > Next > MP4/FLV/SWF – Flash Output > Next > Change Dimensions button

The total dimensions for the video include the main video and any side-by-side video, table of contents, playback controls, and player wrapper. The **Fit in** option determines the maximum dimensions for the video.

- ► **Fit in:** Select the maximum dimensions for the video. The total dimensions will always be less than or equal to the Fit in dimensions.
- ► **Video:** Dimensions of the main video
- ► **PIP/TOC:** Dimensions of side-by-side video. Only applies to side-by-side templates.
- ► **Controls:** Dimensions of playback controls. The controls width always matches the main video width. The controls height is determined by the theme selected.
- ► **Total:** The total dimensions for the video including the main video, any side-by-side video, table of contents, and playback controls. The total dimensions will always be less than or equal to the **Fit in** dimensions.

Change the Dimensions

Click the **Change Dimensions** button to enter custom dimensions.

Produce and Share a Video : Produce using Custom Production Settings : Produce to Flash (MPEG-4, FLV or SWF) : Flash File Format and Compression

Flash File Format and Compression

> Camtasia Studio > Produce and Share button > Custom production settings > Next > MP4/FLV/SWF – Flash Output > Next > Flash Options button > Video tab

File Format

The Flash output (MPEG-4, FLV or SWF) creates a high quality, low file size video for playback on multiple Web browsers. Select the Flash file format:

- ► **MPEG-4 (Recommended):** Offers the best compression for both screen recordings and high motion videos.
- ► **FLV:** The FLV format should be used for Web playback when the Flash video player accepts the FLV format and does not accept MPEG-4 AVC.

▶ **SWF:** Ideal for producing short videos (approximately 15 minutes or less) that do not contain a great deal of motion, such as transitions, Zoom-n-Pan keyframes, or animation.

MP4 and FLV Options

Option	Description
Frame rate	The Automatic option preserves the highest frame rate for all clips on the Timeline. To decrease the file size, select a lower frame rate. 🔖 Decreasing the frame rate to reduce the bandwidth required by the video stream may cause the video to appear choppy during playback.
Key frame every	Key frames determine accuracy when seeking through a video. To decrease file size, increase the number of seconds between key frames.
Encoding mode	The Quality (strongly recommended) encoding mode allows the bitrate to vary as needed to achieve a given quality without unnecessarily increasing file size. The Bitrate encoding mode sets the maximum data transfer rate (in Kbps). A lower bitrate produces a smaller file size but may decrease the video quality.

SWF Options

Option	Description
Colors	The Automatic option preserves the highest color settings for all clips on the Timeline. To decrease the file size, select a lower color depth. 🔖 Decreasing the color depth degrades the quality of the produced video.
Frame rate	The Automatic option preserves the highest frame rate for all clips on the Timeline. To decrease the file size, select a lower frame rate. 🔖 Decreasing the frame rate to reduce the bandwidth required by the video stream may cause the video to appear choppy during playback.
Use JPEG compression and quality slider	JPEG compression loses some image quality. 100% is the highest quality for the compressed video and 10% is the lowest. Higher image quality results in larger file sizes for the produced video.
Compressed SWF (Recommended)	(ExpressShow template only) Compresses the SWF video file. Disable the **Compressed SWF** option when embedding the produced video into a PDF or PowerPoint presentation.

Produce and Share a Video : Produce using Custom Production Settings : Produce to Flash (MPEG-4, FLV or SWF) : Customize Side-by-Side Video Options

Customize Side-by-Side Video Options

🔹 Camtasia Studio > Produce and Share button > Custom production settings > Next > MP4/FLV/SWF– Flash Output > Next > Select the Two videos side-by-side template > Flash Options button > PIP tab

Option	Description
Frame rate	The Automatic option preserves the highest frame rate for all clips on the Timeline. To decrease the file size, select a lower frame rate. 🔖 Decreasing the frame rate to reduce the bandwidth required by the video stream may cause the video to appear choppy during playback.
Bitrate	Drag the Bitrate slider to adjust the data transfer rate (in Kbps).

	Determines the overall size of the video by setting a maximum Kilobytes per second to use. A lower bitrate produces a smaller file size but may decrease the video quality.
Background Image	Select a background image to display when the PIP video is not present. 💡 Use a corporate logo, Web site address, etc.

Produce and Share a Video : Produce using Custom Production Settings : Produce to Flash (MPEG-4, FLV or SWF) : Flash Options Audio Tab

Flash Options Audio Tab

Camtasia Studio > Produce and Share button > Custom production settings > Next > MP4/FLV/SWF – Flash Output > Flash Options button > Audio tab

Option	Description
Encode audio	Disable this option if you do not want to include audio in the final video. Select the audio bitrate from the dropdown.
Initial volume slider position	Drag the slider to set the initial volume level for the video.

Produce and Share a Video : Produce using Custom Production Settings : Produce to Flash (MPEG-4, FLV or SWF) : Customize the Flash Table of Contents
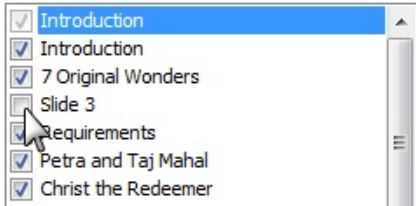
Customize the Flash Table of Contents

Camtasia Studio > Produce and Share button > Custom production settings > Next > MP4/FLV/SWF – Flash Output > Next > Select a Template with a TOC> Flash Options button > Table of Contents tab

Markers, quizzes, and surveys create navigation points within a video. When you select a Flash template with a table of contents, the markers, quizzes, and surveys appear as interactive hyperlinks within the table of contents.

To edit and customize the table of contents, select from the following options:

Option	Description
Produce multiple files based on my markers	Produce a separate video production for each marker on the Timeline.
Number the marker entries	Number the table of contents entries sequentially in the produced TOC. 7. Colliseum 8. Great Wall of China 9. Machu Picchu 10. Chichen Itza 11. Restoration
Markers, quizzes, and surveys	Disable the markers, quizzes, or surveys you do not want to appear in the table of contents. Introduction Introduction 7 Original Wonders Slide 3 Requirements Petra and Taj Mahal Christ the Redeemer
Rename	To rename a TOC entry, double-click the entry in the list and type a new name. Or, select the entry from the list and click **Rename**.
Move Left	To decrease the indent, select an entry from the list and click **Move Left**.
Move Right	To indent an entry, select an entry from the list and click **Move Right**.

The **ExpressShow with TOC** Flash template provides additional customization options for the table of contents:

	Option	Description
1	Title	Enter a title to appear at the top of the table of contents. The default TOC width can fit a title approximately 15 characters long. **See Flash Video Dimensions**.

	TOC Position	Select the position of the table of contents: ▶ Fixed-Left (shown below) ▶ Fixed-Right ▶ Floating: The viewer can click the **TOC** button in the video controls to show or hide the TOC pane. Viewers can drag the floating TOC anywhere within the viewing area.
②	Image	Click **Browse** to select a static image file to display at the top of the table of contents such as a headshot of the speaker or a company logo. The image resizes to the selected table of contents dimensions. See **Flash Video Dimensions**.
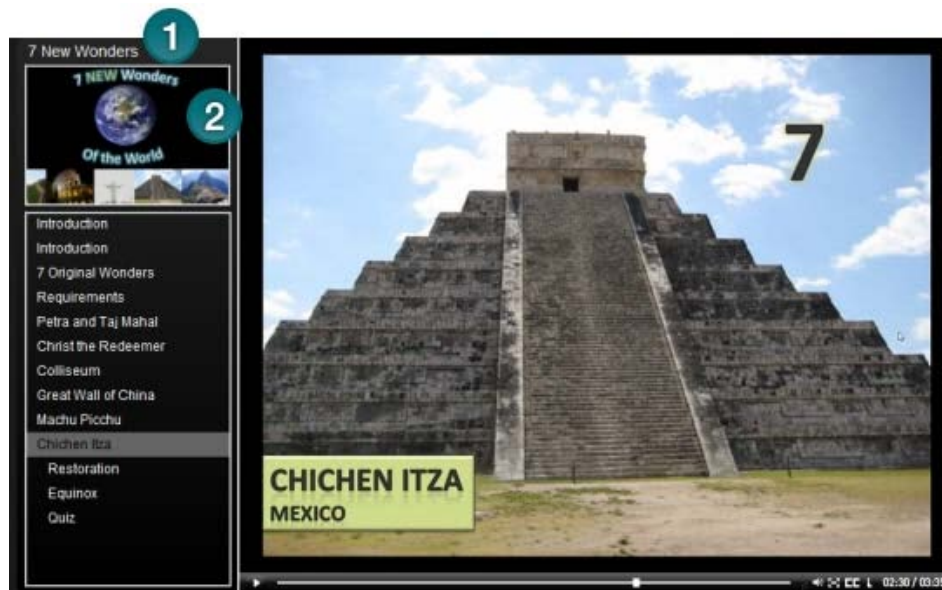
See also:

▶ **Add Markers While Recording**
▶ **Add a Marker**
▶ **Flash Quiz and Survey**

Customize Quiz Placement and Opacity

Camtasia Studio > Produce and Share button > Custom production settings > Next > MP4/FLV/SWF – Flash Output > Next > Select an ExpressShow Template > Flash Options button > Quiz tab
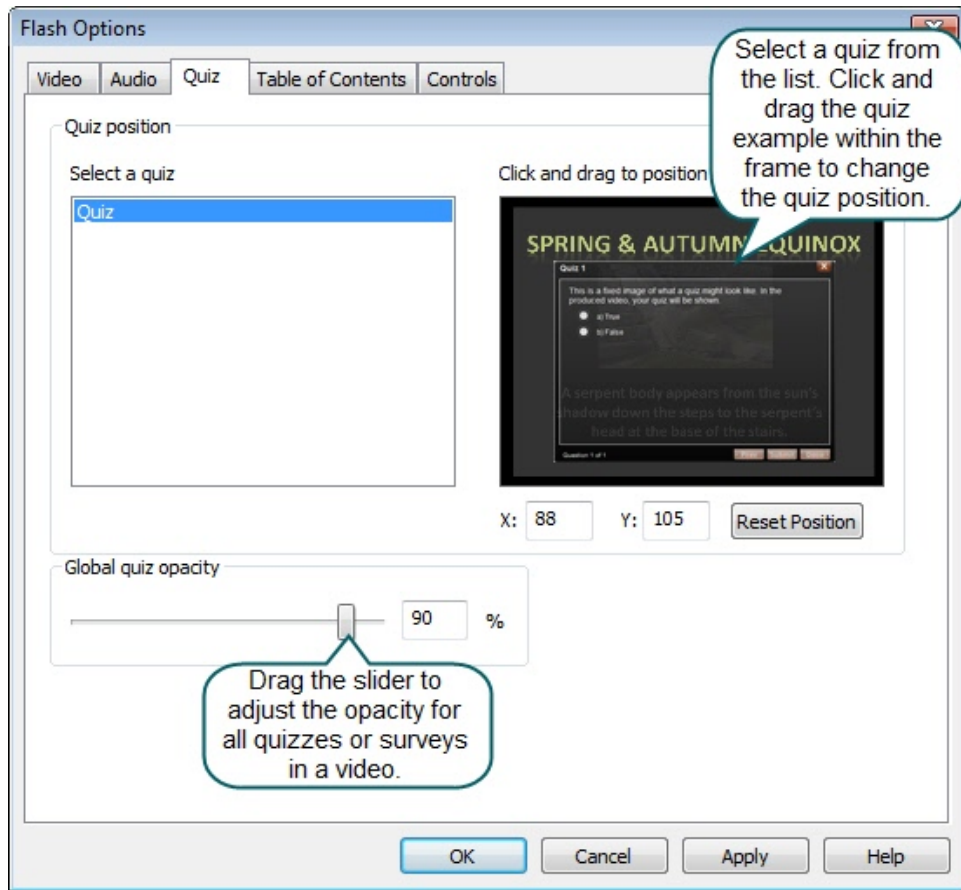
Customize the Flash Controls

> Camtasia Studio > Produce and Share button > Custom production settings > Next > MP4/SWF – Flash Output > Next > Flash Options button > Controls tab

Playback Controls and Flash Actions

Enable any of the following options on the **Controls** tab to customize the playback controls available within the video.

Option	ExpressShow Templates	Non-ExpressShow Templates	Description
Captions initially visible	X	X	Displays overlaid captions on the video on startup. You must select the **Overlay** and **Display** options in the *Captions* pane.

Viewers can click the closed caption icon to hide the overlaid caption text.

Camtasia Studio context menu	X		Displays the "Powered by Screencast.com" and "Created with Camtasia Studio" options in the context menu when a viewer right-clicks on the video. Enable this option to provide information about the tools used to create the video.
Use external config	X		Creates a config.xml file in the production directory for customization of additional options.
Allow resizing	X		Viewers can manually resize the video while playing.
Full screen option	X		Allow viewers to expand the video to full screen mode. Press **<ESC>** to exit full screen mode. You must enable the **Embed video into HTML** option to expand the video to full screen.
Pause at start	X	X	Starts the video paused requiring viewers to click the Play button to start playback.
Controller Color		X	Determines the color of the playback controls.
Show loading movie		X	Displays a preload movie while the Flash video downloads. See **Customize the Loading** Movie Options.
① Show duration		X	
② Show elapsed time		X	
③ Display format		X	

Produce and Share a Video : Produce using Custom Production Settings : Produce to Flash (MPEG-4, FLV or SWF) : Customize the End Actions

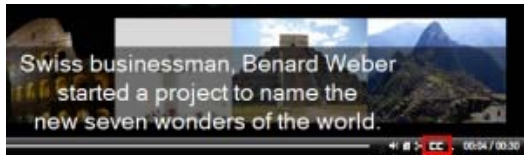## Customize the End Actions

The end action options determine the action to occur when the video ends. Select any of the following end actions from the **Controls** tab.

Option	ExpressShow Templates	Non-ExpressShow Templates	Description
Stop	X	X	The video stops and displays the last frame of the video with a Replay button.
Go to first frame		X	Returns the video to the first frame.
Jump to URL	X	X	Opens the URL in the viewer's default web browser. Select which browser window the video should open in: ► _self: the current frame in the current window ► _blank: a new window ► _parent: the parent of the current frame ► _top: the top-level frame in the current window
Go to time	X		Jumps to a specific time in the video. Enable the **Pause after seeking** option to pause the video at the time entered in this field.
Loop playback	X		Continuously play the video.

For more information on customizing the About Box, start screen, and end screen for the video with text and graphics, see:

► **Customize the About Box**
► **Customize the Start and End Screens**

Produce and Share a Video : Produce using Custom Production Settings : Produce to Flash (MPEG-4, FLV or SWF) : Customize the Loading Movie Options

Customize the Loading Movie Options

Camtasia Studio > Produce video as > MP4/FLV/SWF – Flash Output > Next > Flash Options button > Controls tab > Loading Movie options button

Select the options for the movie that plays while the main movie loads:

Option	Description
Match loading movie size to main movie size	Displays the loading and main movies at the same dimensions.
	If this option is disabled, the background color may show if the main movie's dimensions are larger than the loading movie's dimensions.
Loading movie URL	Enter a URL or path for the movie that plays while the main movie is loading. The **Default Movie** option plays a Camtasia Studio-produced preload SWF file.
	The URL can be absolute (**http://www.mydomain.com/mymovie.swf**) or relative (./mymovie.swf).
Percent of main movie to preload	Enter the percentage of the main movie to preload before playing. The preload movie displays until reaching this percentage.
Minimum preload movie display time	Enter the minimum time (in seconds) that the preload movie displays.

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Produce and Share a Video : Produce using Custom Production Settings : Produce to Flash (MPEG-4, FLV or SWF) : Customize the About Box

Customize the About Box

Camtasia Studio > Produce and Share button > Custom production settings > Next > MP4/FLV/SWF – Flash Output > Next > Flash Options button > Controls tab

To include an about box in the video, enable the **Show About Box** option in the *Flash Options* dialog box.

For ExpressShow templates:

Click the **About Box Options** button to customize the About Box.
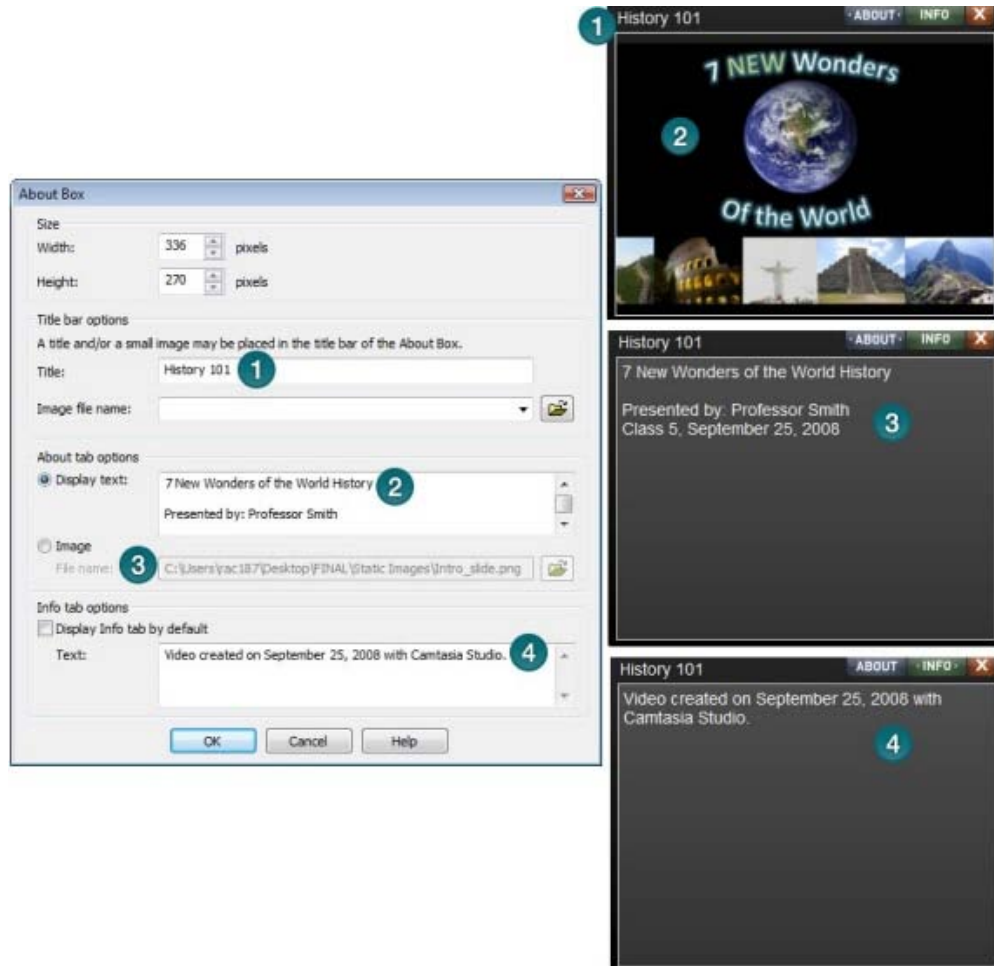
The About Box appears in a video when a viewer clicks the information icon.

For Non-ExpressShow templates:
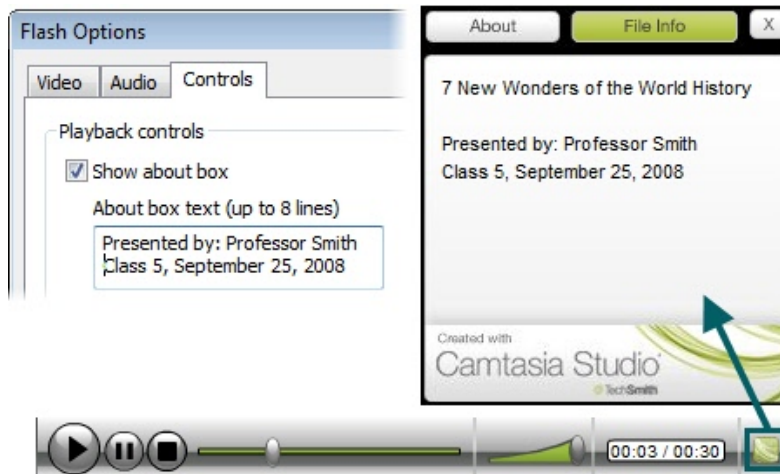
💡 To preview the About Box, click the **Preview** dropdown on the *Flash Templates* screen and select **Preview Current Settings**. A 30 second preview appears.

Customize the Start and End Screens

Camtasia Studio > Produce and Share button > Custom production settings > Next > MP4/FLV/SWF – Flash Output > Next > ExpressShow template > Flash Options button > Controls tab > Start Screen Options or End Screen Options

Customize a video by adding graphics and/or text to the start and end screens. Use company logos, information about the recording, etc. You can also change the thumbnail image that first displays in the video. We recommend setting the Thumbnail scale to 60% or less.

Camtasia Studio provides sample images and text to use. The examples below show the sample images. To include the sample images in a video, select the **Camtasia Studio sample** from the **Start screen icon** or the **End screen icon** dropdown list.
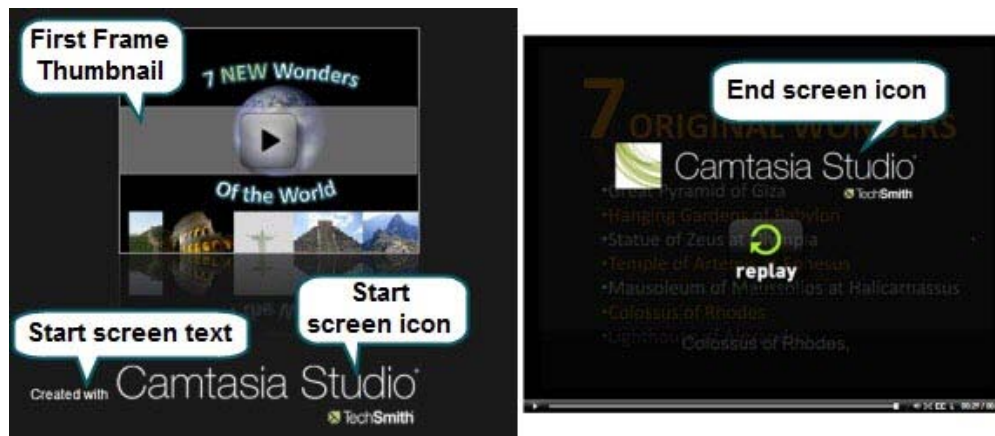
To preview the Start and End screens, click the **Preview** dropdown on the *Flash Templates* screen and select **Preview Current Settings**. A 30 second preview appears.

Produce to Windows Media Player (WMV)

File Format	Recommended Distribution	Description
Windows Media Player (WMV)	Windows Media Player Web	Good choice for audiences on Windows operating system. Windows Media Player is installed on most Windows

		computers.

1. Make all edits to your video.
2. Click **Produce and Share**.

3. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.
4. Select the **WMV-Windows Media video** option. Click **Next**.
5. Select a **Profile** on the **Windows Media Encoding Options** screen. Click **Next**.
6. Select the dimensions and options to reduce file size on the Production Wizard: Video Size screen.
7. Select the **Production Wizard: Video Options**. Click **Next**.
8. If you have markers on the Timeline, **customize the table of contents or choose to create multiple videos based on the markers**. Click **Next**.
9. On the *Produce Video* screen, select the file save, **post production**, and upload options.
10. Click **Finish**. The video begins rendering.
11. Continue with **Production Wizard: Video Size**.

Windows Media Encoding Options

Camtasia Studio > Produce and Share button > Custom production settings > WMV-Windows Media video > Next

► For best results, select **Camtasia Studio Best Quality and File Size (Recommended)** for the encoding profile. The profile adapts well to a variety of source content and maintains high quality while using only as much file size as needed.

► For advanced users, you can install Microsoft Windows Media Encoder to create new encoding profiles for use in Camtasia Studio. For more information, visit the Windows Media Encoding documentation or visit the Microsoft website: **http://www.microsoft.com/windows/windowsmedia/forpros/encoder/default.mspx**

►

Windows Media Encoding Option	Description
Profiles	Select the a profile that contains the desired encoding settings.
Description	Read-only field provides a description of the selected profile.
Details	Provides details about the selected audio and video encoding options.

![TechSmith logo]

Produce and Share a Video : Produce using Custom Production Settings : Produce to QuickTime Movie (MOV)

Produce to QuickTime Movie (MOV)

File Format	Recommended Distribution	Description
QuickTime movie (MOV)	Cross-platform playback (Mac or Windows) QuickTime Movie Player	Good choice for audiences on both Macintosh and Windows operating systems. QuickTime Player required for playback.

To produce to the .mov file format, install the latest version of QuickTime from **http://www.apple.com/quicktime**.

1. Make all edits to your video.
2. Click **Produce and Share**.

1. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.
2. Select the **MOV-QuickTime movie** option. Click **Next**.
3. Select the **QuickTime Encoding Options**. Click **Next**.
4. Select the dimensions and options to reduce file size on the **Production Wizard**: Video Size screen.
5. Select the **Production Wizard**: Video Options. Click **Next**.
6. If you have markers on the Timeline, **customize the table of contents or choose to create multiple videos based on the markers**. Click **Next**.
7. On the *Produce Video* screen, select the file save, **post production**, and upload options.
8. Click **Finish**. The video begins rendering.
9. Continue with **Production Wizard: Video Size**.

QuickTime Encoding Options

> Camtasia Studio > Produce and Share button > Custom production settings > MOV-QuickTime movie > Next

> The .mov file format has a wide selection of video and audio compression options. We recommend H.264 for the video compression and MPEG-4 Audio (AAC) for the audio compression.

QuickTime populates the options available on the *QuickTime Encoding Options* screen. See the QuickTime documentation for more information on these settings.

Produce and Share a Video : Produce using Custom Production Settings : Produce to Audio Video Interleave (AVI)

Produce to Audio Video Interleave (AVI)

File Format	Recommended Distribution	Description
Audio Video Interleave (AVI)	CD DVD Hard drive	Retains the highest quality settings. You can import .avi files into other video editing software.

1. Make all edits to your video.
2. Click **Produce and Share**.

3. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.

4.   Select the **AVI-Audio Video Interleave video file** option. Click **Next**.

5.   Select the **AVI Encoding Options**. Click **Next**.

6.   Select the dimensions and options to reduce file size on the **Production Wizard**: Video Size screen.

7.   Select the **Production Wizard**: Video Options. Click **Next**.

8.   If you have markers on the Timeline, **customize the table of contents or choose to create multiple videos based on the markers**. Click **Next**.

9.   On the *Produce Video* screen, select the file save, **post production**, and upload options.

10. Click **Finish**. The video begins rendering.

11. Continue with **Production Wizard: Video Size**.

AVI Encoding Options

> Camtasia Studio > Produce and Share button > Custom production settings > AVI-Audio Video Interleave video file > Next

The .avi file format retains the highest quality and allows for editing in Camtasia Studio or other video editing programs. Camtasia Studio uses the TechSmith Screen Capture Codec (TSCC) as the default video compressor. See **AVI and TSCC**.

Option	Description
Colors	The **Automatic** option preserves the highest color setting for clips on the Timeline. To decrease the file size, select a lower color depth.
Frame rate	The **Automatic** option preserves the highest frame rate for clips on the Timeline. To decrease the file size, select a lower frame rate.
Audio Format	Opens the **Audio Format** dialog box to set the playback rate options.
Encode audio	Disable this option if you do not want to include audio in the produced video.
Details	Displays the audio and video encoding options selected.

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Produce and Share a Video : Produce using Custom Production Settings : Produce to Audio Video Interleave (AVI) : AVI and TSCC

AVI and TSCC

The .avi file format retains the highest quality and allows for editing in Camtasia Studio or other video editing programs. If the TechSmith Screen Capture Codec (TSCC) is used, the video retains all of its original quality.

TechSmith Screen Capture Codec (TSCC) and EnSharpen

By default, Camtasia Studio encodes .avi files with the TechSmith Screen Capture Codec (TSCC). TSCC is lossless, meaning the original quality is preserved to maintain the highest quality output. EnSharpen decodes TSCC .avi files in any application that uses QuickTime.

The codec(s) used to create the .avi file must be installed on the viewer's computer to play the .avi file. The TSCC and EnSharpen codecs are installed on your computer during Camtasia Studio installation.

Play TSCC AVI on…	Download
PC computer	Download or distribute the free Camtasia Player from the TechSmith website. Camtasia Player has a built-in decoder for TSCC video.

	No codec installation required.
Windows Media Player	Download and run the free TSCC codec installer from the TechSmith website.
QuickTime Player on a Mac or PC	Download and run the free EnSharpen installer from the TechSmith website.
Mac computer	Download and run the free EnSharpen installer from the TechSmith website.
3rd party application on Windows	Download and run the free TSCC codec installer from the TechSmith website.
	If the application uses QuickTime, you need to download and run the free EnSharpen installer from the TechSmith website.

Uses for AVI Files

▶ Export the video on the Timeline as an .avi file to use as a source clip in other projects.

▶ Include an .avi as a video link in a Camtasia MenuMaker menu for CD-ROM distribution. To ensure playback on any Windows PC, MenuMaker automatically includes Camtasia Player with the CD menu. Camtasia Player decodes the TSCC .avi without viewers needing to install the codec on their computer.

▶ Use with a 3rd party DVD-authoring software. The dimensions for DVDs differ across countries. The NTSC standard is 720 x 480 and the PAL standard is 720 x 576. Select the correct dimensions on the *Video Size* screen.

Recommended AVI Settings

Option	Recommended Setting
Colors	Automatic
Frame Rate	Automatic
Video Compression	TSCC
Audio Format	PCM, 44.1 kHz, 16 bit, Mono
Largest Video Size	Largest Video Size
Largest Video Size	For DVD: 720 x 480 (NTSC) 720 x 576 (PAL)

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Produce to iPod, iPhone, or iTunes (M4V)

iPod is a portable media player designed and marketed by Apple Computer. Select the .m4v option to create a video specifically formatted to play on a video-capable iPod, iPod Touch, iPhone, or within iTunes.

> To improve viewing on smaller resolutions, such as on an iPod or an iPhone, apply **SmartFocus** or add Zoom-n-Pan keyframes to the Timeline.

1. Make all edits to your video.
2. Click **Produce and Share**.

3. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.
4. Select the **M4V-iPod, iPhone, iTunes compatible video** option. Click **Next**.
5. Select the **iPod Options**. Click **Next**.

6. On the *Produce Video* screen, select the file save, **post production**, and upload options.
7. Click **Finish**. The video begins rendering.
8. Continue with **Production Wizard: Video Size**.

iPod Options

Camtasia Studio > Produce and Share button > Custom production settings > M4V-iPod, iPhone, iTunes compatible video > Next

Option	Description
Options	Opens the *Project Properties* dialog box to enter iTunes and author information. See **Add Metadata**.
M4V subtype	Select the bandwidth and dimensions for the video: ▶ Select **320 x 240** dimensions for playback on an iPod or in iTunes. ▶ Select **iPhone (480 x 320)** for playback on an iPhone, iPod Touch, or in iTunes.

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Produce and Share a Video : Produce using Custom Production Settings : Produce Audio Only (MP3)

Produce Audio Only (MP3)

File Format	Recommended Distribution	Description
Audio only (MP3)	Audio playback	Produces a audio file.

1. Make all edits to your video.
2. Click **Produce and Share**.

   Produce and share ▾ ▿

3. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.
4. Select the **MP3-audio only** option. Click **Next**.
5. Select the **MP3 Encoding Options**. Click **Next**.
6. On the *Produce Video* screen, select the file save, **post production**, and upload options.
7. Click **Finish**. The audio begins rendering.
8. Continue with **Production Wizard: Video Size**.

MP3 Encoding Options

Camtasia Studio > Produce and Share button > Custom production settings > MP3-audio only > Next

Option	Description
Options	Opens the *Project Properties* dialog box to enter author and copyright information. See **Add Metadata**.
Audio encoding bitrate	Select the data transfer rate for the audio encoding.

Produce to Real Media (RM)

File Format	Recommended Distribution	Description
RealMedia (RM)	RealMedia Player	Produces a video for playback in RealPlayer.

1. Make all edits to your video.
2. Click **Produce and Share**.

3. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.
4. Select the **RM-RealMedia streaming video** option. Click **Next**.
5. Select the **RealMedia Encoding Options**. Click **Next**.
6. Select the dimensions and options to reduce file size on the **Production Wizard**: Video Size screen.
7. Select the **Production Wizard**: Video Options. Click **Next**.
8. If you have markers on the Timeline, **customize the table of contents or choose to create multiple videos based on the markers**. Click **Next**.
9. On the *Produce Video* screen, select the file save, **post production**, and upload options.
10. Click **Finish**. The video begins rendering.
11. Continue with **Production Wizard: Video Size**.

RealMedia Encoding Options

> Camtasia Studio > Produce and Share button > Custom production settings > Next > RM-RealMedia streaming video > Next

Option	Description
File type	Select **Single rate** for web delivery using a Web server. Select **SureStream** to allow streaming the video to the target audiences at different bit rates. The streaming server detects the connection speed of the viewer and selects the correct stream for the file.
Target audience	Select the bandwidth of your target audience. For the best performance, select the largest likely bandwidth. 💡 If you select too low of a bitrate, frames may be dropped in the final video. We recommend viewing the output to verify the results before pushing the content to a server. Streaming files are generally not editable and cannot be converted into another file format. Keep the original source content in the .avi file format.
Audio format	Select an option from the dropdown list that describes the audio content on the Timeline.
Video quality	Select an option from the dropdown list that describes the video content on the Timeline.
2-pass encoding	Attempts to achieve better compression by analyzing the video prior to encoding. This results in a longer encoding process, but may produce a smaller file size.
Variable bit rate (VBR) encoding	Attempts to achieve better compression by varying the bit rate for encoding different portions of the video.

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Produce to Camtasia for RealPlayer (CAMV)

File Format	Recommended Distribution	Description
Camtasia for RealPlayer (CAMV)	Camtasia for RealPlayer Plug-In Playback on a viewer's hard drive, from a network, or over the Web.	Produces lossless, highly compressed video. Ideal for content with few color gradient and low motion. RealPlayer required for playback.

The first time a .camv file plays, the RealPlayer contacts Real Networks and automatically downloads the CAMV Plug-In for the player. The viewer must have RealPlayer installed and an Internet connection.

1. Make all edits to your video.
2. Click **Produce and Share**.

3. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.
4. Select the **CAMV-Camtasia for RealPlayer streaming video** option. Click **Next**.
5. Select the **Camtasia RealPlayer Plugin Encoding Options**. Click **Next**.
6. Select the dimensions and options to reduce file size on the **Production Wizard**: Video Size screen.
7. Select the **Production Wizard**: Video Options. Click **Next**.
8. If you have markers on the Timeline, **customize the table of contents or choose to create multiple videos based on the markers**. Click **Next**.
9. On the *Produce Video* screen, select the file save, **post production**, and upload options.
10. Click **Finish**. The video begins rendering.
11. Continue with **Production Wizard: Video Size**.

Camtasia RealPlayer Plugin Encoding Options

> Camtasia Studio > Produce and Share button > Custom production settings > Next > CAMV-Camtasia for RealPlayer streaming video > Next

Option	Description
Target audience	Select the bandwidth of your target audience. For the best performance, select the largest likely bandwidth. 💡 If you select too low of a bitrate, frames may be dropped in the final video. We recommend viewing the output to verify the results before pushing the content to a server. Streaming files are generally not editable and cannot be converted into another file format. Keep the original source content in the .avi file format.
Target Bitrate settings	Select the overall bitrate (video and audio) for each target audience.
Audio target settings	Set the bitrate for the audio stream. The video stream uses the remaining bandwidth. For example, if you select 56K modem for the target audience, 34 Kbps for the overall bitrate, and 16 Kbps for the audio stream, the video stream encodes at an 18 Kbps bitrate. 💡 Select a lower audio bit rate if the video is resulting in dropped frames.
Colors	Select the color depth for the video stream. For best results, select 16-bit color. 12- and 9-bit color may result in some loss of video quality and display bands of color gradients. However, lowering the color bit can reduce the bandwidth required

	for the video stream.
Keyframe every	Determines the frequency for including a keyframe in the video stream. A keyframe is a video frame that does not depend on the previous frames streamed from RealPlayer.
	Increasing the keyframe frequency results in quicker and smoother seeking. However, it can increase the bandwidth required for the video stream.
Frame rate	Select **Automatic** to use the highest frame rate for all clips on the Timeline.
Audio Format	Select the option in the dropdown list that best describes the audio content on the Timeline. Select **No Audio** to not include audio in the final video.
Preroll	Select the amount of time (in seconds) for RealPlayer to buffer the audio and video stream before playing the video.
Details	Displays the audio and video options selected.

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Produce and Share a Video : Produce using Custom Production Settings : Produce an Animated File (GIF)

Produce an Animated File (GIF)

File Format	Recommended Distribution	Description
Animation File (GIF)	Web Email Documents	Ideal for short animations such as animated graphics or 1-5 second clips. GIF files do not include audio and are limited to 256 colors.

1. Make all edits to your video.
2. Click **Produce and Share**.

3. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.
4. Select the **GIF-animation file** option. Click **Next**.
5. Select the **Animated GIF Encoding Options**. Click **Next**.
6. Select the dimensions and options to reduce file size on the **Production Wizard**: Video Size screen.
7. Select the **Production Wizard**: Video Options. Click **Next**.
8. If you have markers on the Timeline, **customize the table of contents or choose to create multiple videos based on the markers**. Click **Next**.
9. On the *Produce Video* screen, select the file save, **post production**, and upload options.
10. Click **Finish**. The video begins rendering.
11. Continue with **Production Wizard: Video Size**.

Animated GIF Encoding Options

> Camtasia Studio > Produce and Share button > Custom production settings > Next > GIF-animation file > Next

Option	Description
Colors	Select **Automatic** to preserve the highest color setting for clips on the Timeline. To decrease the file size, select a lower color depth.
Frame rate	Select **Automatic** to preserve the highest frame rate for clips on the Timeline.

	To decrease the file size, select a lower frame rate.
Loop indefinitely	Continuously play the video.
Play	Enable to enter the number of times to loop the video.
Optimized palette	Uses all colors in all frames in the .gif file. Produces a better quality .gif file than a fixed palette.
Include windows colors	Include the standard Windows 20 colors in the .gif file palette.
Dithered color reduction	Dithering attempts to smooth the effects of color reduction. Select this option for real-world video content rather than for screen recordings.
Details	Displays the audio and video options selected.

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Produce and Share a Video : Produce using Custom Production Settings : Production Wizard: Video Size

Production Wizard: Video Size

Camtasia Studio > Produce and Share button > Custom production settings > Choose video file format > Next > Encoding Options > Video Size

Select the final dimensions for the video. The **Preset video size** option is recommended.
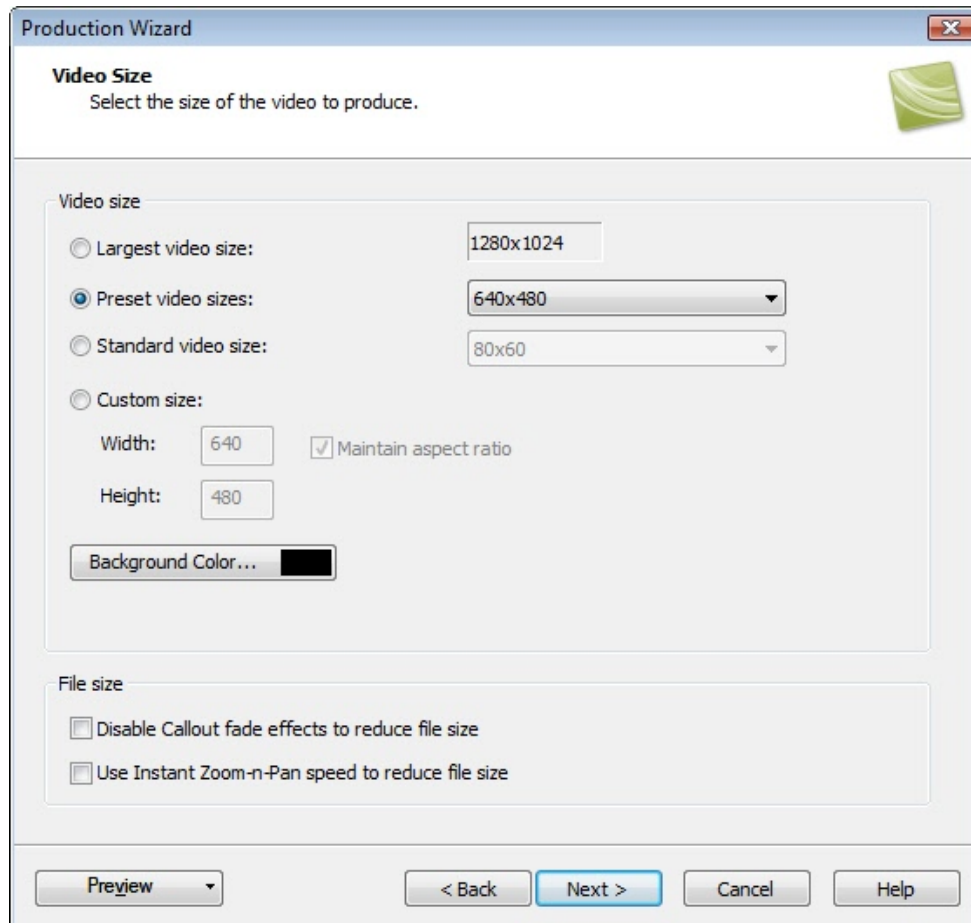
Option	Description

Largest video size	Produces a video at the dimensions of the largest clip on the Timeline.
Preset video size (Recommended)	Produces a video at the dimensions selected in the **Project Settings** dialog box.
Standard video size	Produces a video at a standard video dimension.
Custom size	Enter a custom width and height to produce the video.
Background color	Select the background color for clips smaller than the dimensions specified.
Disable Callout fade effects to reduce file size	Disables the fade in and/or out effects for callouts on the Timeline to help reduce the file size.
Use instant Zoom-n-Pan speed to reduce size	Changes all the speed for all Zoom-n-Pan effects on the Timeline to Instant to help reduce the file size.

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Produce and Share a Video : Produce using Custom Production Settings : Production Wizard: Video Options

Production Wizard: Video Options

Camtasia Studio > Produce and Share button > Custom production settings > Choose video file format > Next > Encoding Options > Video Size > Video Options

Add metadata and select the options for **Quiz and Survey Reporting**, **Watermark**, and **Embed Video into HTML**.
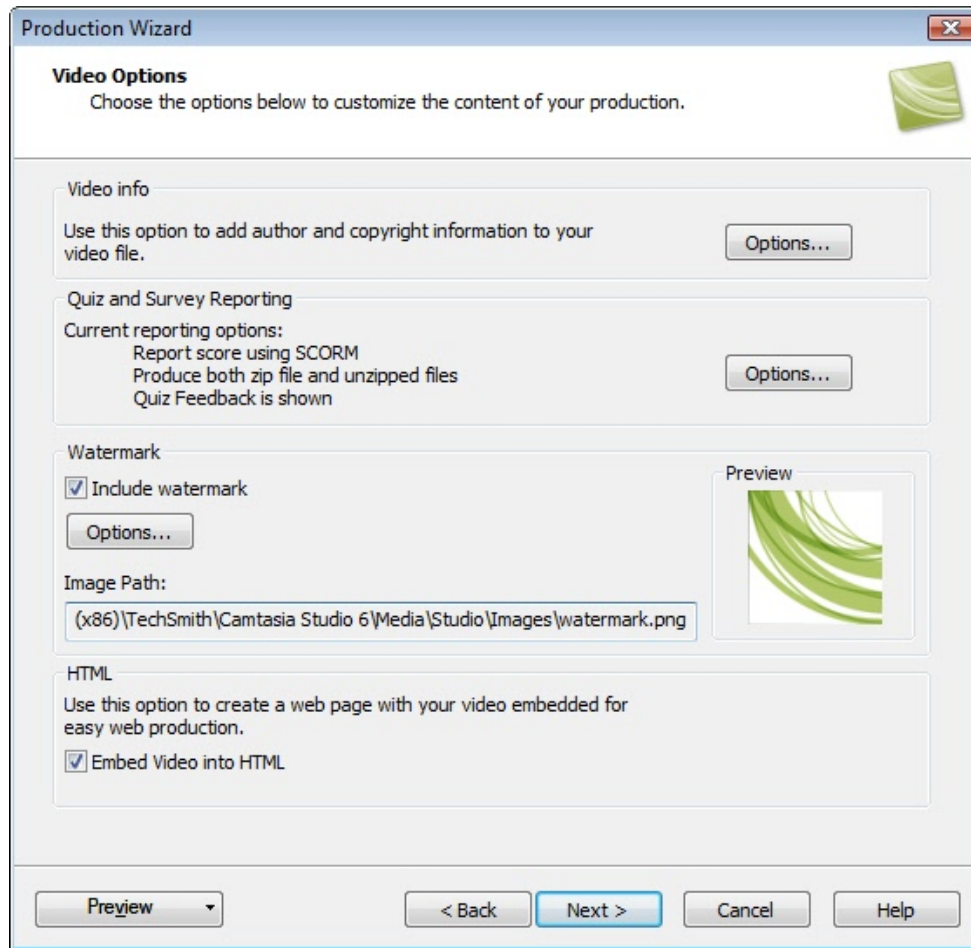
Option	Description
Video Info Options	Enter additional information about the video such as the title, author, and copyright information. See **Add Metadata**.
SCORM Options	Report **quiz and survey results** via SCORM.
Watermark Options	Add a watermark to: ▶ Identify the video owner/creator. ▶ Protect intellectual property. ▶ Brand a video with a company's or institution's logo. See **Production Wizard: Watermark Options**.
Image Path	Provides the path and file name for the watermark image.
HTML Options	Embed the video onto a Web page for Web production. See **Production Wizard: HTML Options**.

Produce and Share a Video : Produce using Custom Production Settings : Production Wizard: Video Options : Add Metadata

Add Metadata

File > Project Information

Enter additional information about the video viewable to others and searchable on the Internet. Include information such as a description of the video's content, author, publication date, or copyright information.

Metadata entered about the project may be viewed by others. Use caution when adding metadata that includes personal information.

For a detailed definition of these fields, go to the **Dublin Core** Web site.

For a detailed definition of the fields on the iTunes Information tab, go to **iTunes RSS Tags**.

Produce and Share a Video : Produce using Custom Production Settings : Production Wizard: Video Options : Production Wizard: Quiz and Survey Reporting Options

Production Wizard: Quiz and Survey Reporting Options

Camtasia Studio > Produce and Share button > Custom production settings > Choose video file format > Next > Encoding Options > Video Size > Video Options > Quiz and Survey Reporting group box > Options button

You can report the results of the quiz or survey through email or via a SCORM-compliant Learning Management System (LMS).

See also **Flash Quiz and Survey**.

Option	Description
No Reporting	No report provided for quizzes or surveys in a the video.
Report score using SCORM	Provides a packaged eLearning lesson with the video using SCORM. Click the **SCORM Options** button to select the eLearning lesson options.
Report results through e-mail	Enter an e-mail address. Provides the answers/responses to each question. Enable the **Include score in e-mail** option to report the overall score.
Disable Quiz Feedback	Disables the answer feedback. The viewer will not receive feedback on each question answered.

Manifest Options

Camtasia Studio > Produce and Share button > Custom production settings > Choose video file format > Next > Encoding Options > Video Size > Video Options > Quiz and Survey Reporting group box > Options button > SCORM Options button

The SCORM manifest is a mandatory XML files that describes the components of the content package, such as course name, course description, and lesson name. Complete the following options for the manifest:

Option	Description
Identifier	Unique identifier for the manifest. Created by default.
Title	Enter a title for the eLearning course.
Description	Enter a description for the eLearning course.
Subject	Enter a subject for the eLearning course.
Version	Indicates the version of the manifest. The default is version 1.2.

Duration	Read-only field that displays the total time to play the eLearning lesson at its intended speed.
Language	Enter the language code for the audience. By default, the language code is in English.
Lesson Title	Enter the title for the lesson.
Package Options	Select one of the following options for packaging the archive file: ▶ Produce zip file ▶ Produce unzipped file ▶ Produce both zip file and unzipped files

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Produce and Share a Video : Produce using Custom Production Settings : Production Wizard: Video Options : Production Wizard: Watermark Options

Production Wizard: Watermark Options

Camtasia Studio > Produce and Share button > Custom production settings > Choose video file format > Next > Encoding Options > Video Size > Video Options > Watermark group box > Options button

Add a watermark to:

▶ Identify the video owner/creator.
▶ Protect intellectual property.
▶ Brand a video with a company's or institution's logo.

To include a watermark, enable the **Include watermark** option on the *Video Options* screen in the Production Wizard.
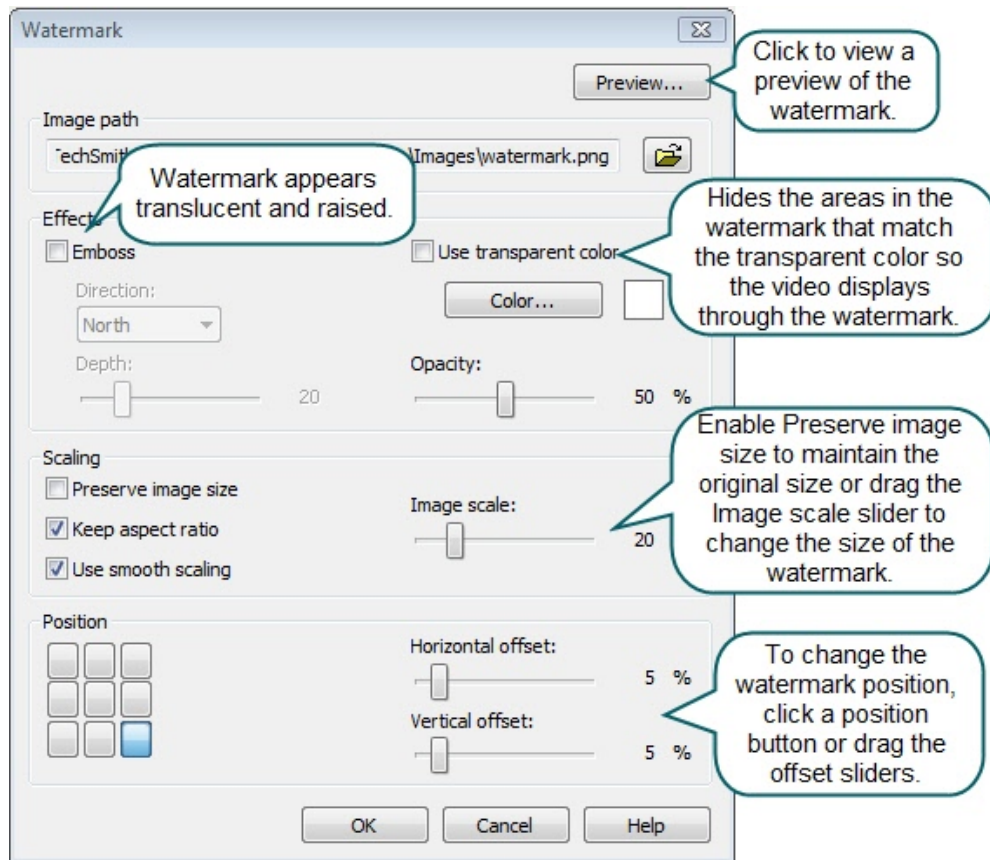
Produce and Share a Video : Produce using Custom Production Settings : Production Wizard: Video Options : Production Wizard: HTML Options

Production Wizard: HTML Options

> Camtasia Studio > Produce and Share button > Custom production settings > Choose video file format > Next > Encoding Options > Video Size > Video Options > HTML group box > HTML Options button
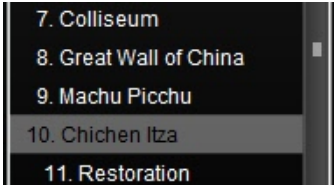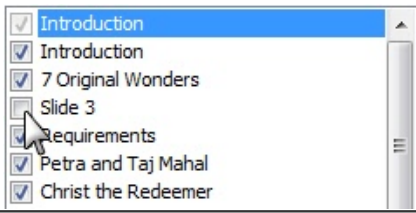
Create a Web page with the video embedded for Web production. Enable the **Embed video into HTML** option and select the following options:

Option	Description
Alignment	Select the video's alignment within the HTML page.
Show Play Controls	Display the player controls on the HTML page. Allows for easy navigation for the video.
Start Video Playing	Starts playing the video as soon as the HTML page opens.

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Customize a Video Based on Markers

Camtasia Studio > Produce and Share button > Custom production settings > Choose video file format > Next > Encoding Options > Video Size > Video Options > Marker Options screen

Markers, quizzes, and surveys create navigation points within a video. When you select a Flash template with a table of contents, the markers, quizzes, and surveys appear as interactive hyperlinks within the table of contents.

To edit and customize the table of contents, select from the following options:

Option	Description
Produce multiple files based on my markers	Produce a separate video production for each marker on the Timeline.
Number the marker entries	Number the table of contents entries sequentially in the produced TOC.
Markers, quizzes, and surveys	Disable the markers, quizzes, or surveys you do not want to appear in the table of contents.

Rename	To rename a TOC entry, double-click the entry in the list and type a new name. Or, select the entry from the list and click **Rename**.
Move Left	To decrease the indent, select an entry from the list and click **Move Left**.
Move Right	To indent an entry, select an entry from the list and click **Move Right**.

See also:

▶ **Add Markers While Recording**
▶ **Add a Marker**
▶ **Flash Quiz and Survey**

Produce and Share a Video : Produce using Custom Production Settings : Post-Production Options

Post-Production Options

Camtasia Studio > Produce and Share button > Custom production settings > Step through the Production Wizard screens > Produce Video screen

Save Produced Files

▶ Enter a file name and folder location for the produced video files.
▶ Enable the **Organize produced files into sub-folders** option to organize each produced video into its own folder.

Post-Production Options

▶ **Show production results:** After rendering the video, view a summary of the file location, output files created, and the settings used for production.
▶ **Play video after production:** Plays the produced video in a preview window for review.
▶ **Upload to Screencast.com:** Uploads the produced video and any additional output to Screencast.com, a media hosting website. See **Produce and Share Directly to ScreenCast.com**.
▶ **Upload by FTP:** **Upload the produce video files by FTP** (File Transfer Protocol). FTP allows you to transfer your files between your local computer and a server over the Internet.

Click the **Finish** button to begin rendering the video. This process produces the audio, video, and image clips into a video based on the sequence on the Timeline.

Upload Video by FTP

> Camtasia Studio > Produce and Share button > Custom production settings > Complete the Production
> Wizard > Produce Video > Production Results

You can upload videos files by FTP (File Transfer Protocol). FTP allows you to transfer files between your local computer and a server on the Internet.

1. Make all edits to your video.
2. Click **Produce and Share**.

3. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.
4. Step through the wizard. On the *Produce Video* screen, enable the **Upload video by FTP** option.
5. Click **Finish**.
6. The *FTP Settings* dialog box appears. Select a profile or enter the following FTP options:
   - **Server:** Enter the address for the site. You can enter a domain address such as **ftp.servername.com** or an IP address.
   - **Path:** Determines where to place your files on the server. Your path is your web-accessible directory such as public_html/directory/directory.
   - **Passive FTP:** The File Transfer Protocol (FTP) determines and initiates the flow of data, not the FTP server program. The use of passive FTP ensures all data flow initiation comes from inside the network rather than outside.
   - **Anonymous FTP:** Users do not need an account on the server, a username, or password.
   - **Username and Password:** Enter the username and password you use when you log into the Web site's server.
7. To save the profile for future use, click the **Add As New Profile** button and enter a name for the profile.
8. Click **OK**.
9. Camtasia Studio renders the video file. Click **Finish**.
10. Click **Yes** in the dialog that appears.

FTP Upload Progress dialog appears. The video file uploads to the path entered. When the video finishes uploading the *Upload Results* dialog box appears.

> You can also upload Camtasia Studio-produced files by FTP by selecting **File > Upload To > FTP**.

Production Results

> Camtasia Studio > Produce video as > Custom production settings > Complete the Production Wizard >
> Produce Video > Production Results

After rendering the video, the following occurs depending on the post-production options selected on the *Produce*

Video screen.

- ▶ The Production Results area provides a summary of the file location, output files created, and the settings used to produce the video.
- ▶ The video plays back for your review.
- ▶ If you selected to **upload by FTP** or to Screencast.com, the dialog boxes to upload the video appear.
- ▶ If you selected to include an additional output available for users to download, such as an iPod video, PowerPoint presentation, or .mp3 file, the video plays back for your review. The ancillary files are available to download from the links at the bottom of the video.
- ▶ To view the production files, click the **Open Production Folder** button.
- ▶ To save the **production settings as a preset**, click the **Create Production Preset** button.

Produce and Share a Video : Produce using Custom Production Settings : Post-Production Options : Produce Additional Output Options

Produce Additional Output Options

Camtasia Studio > Produce and Share button > Select Custom production settings > Next

Select any of the following additional outputs to include with the produced video file for viewers to download:

- ▶ **MP3:** Audio only file. Select the audio from the dropdown list.
- ▶ **M4V:** Provide a copy of the produced video for playback on a video-capable iPod or in iTunes.
- ▶ **PPT:** Include a PowerPoint presentation to download.

  This option is only available when the Timeline includes a .camrec clip recorded with the PowerPoint Add-in.

Produce and Share a Video : Produce using Custom Production Settings : Post-Production Options : Save Production Settings as a Preset

Save Production Settings as a Preset

Add a new production preset to:

- ▶ Create a production standard for company, team, or yourself.
- ▶ Remember and save frequently used production settings.

1. Make all edits to your video.
2. Click **Produce and Share**.

3. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.

4. Step through the wizard. Click **Finish** on the Produce Video screen.
5. After producing the video, the *Production Results* screen appears. Click the **Create a Production Preset** button.
6. The *Create Production Preset* dialog box appears. Enter a name and description for the preset. Click **OK**.
7. Click **Finish**. The production preset appears in the dropdown list in the Production Wizard.

Produce and Share a Video : Produce using Custom Production Settings : Post-Production Options : Preview the Production Settings

Preview the Production Settings

Camtasia Studio > Produce and Share button > Select Custom production settings > Next

The **Preview Current Settings** option renders the first thirty seconds of the video based on the selected production settings. This option allows you to preview the current production settings without producing the entire video.

> Use this option to preview the appearance of production options such as the about box and controls for Flash videos.

1. Make all edits to your video.
2. Click **Produce and Share**.

3. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.
4. Select a file format. Click **Next**.
5. Select the desired production settings.
6. Click the **Preview** dropdown and select the **Preview Current Settings** option.
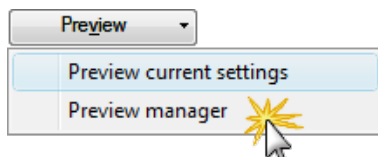
7. Camtasia Studio renders the first thirty seconds of the video and saves the preview in the **Preview Manager**.

> To change the default duration for a production preview, select **Tools > Options > Program tab > Default duration**.

Produce and Share a Video : Produce using Custom Production Settings : Preview Manager
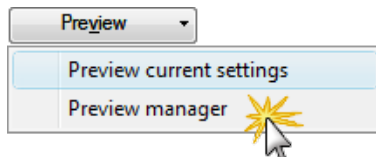
Preview Manager

The Preview Manager saves all production previews rendered for a project. Use the Preview Manager to view and compare the production previews.

1. Make all edits to your video.
2. Click **Produce and Share**.

3. The Production Wizard appears. Select **Custom production settings** from the dropdown. Click **Next**.
4. Select a file format. Click **Next**.
5. Select the desired production settings.
6. Click the **Preview** dropdown and select the **Preview manager** option.

The *Preview Manager* appears.

View or Hide Column Headings
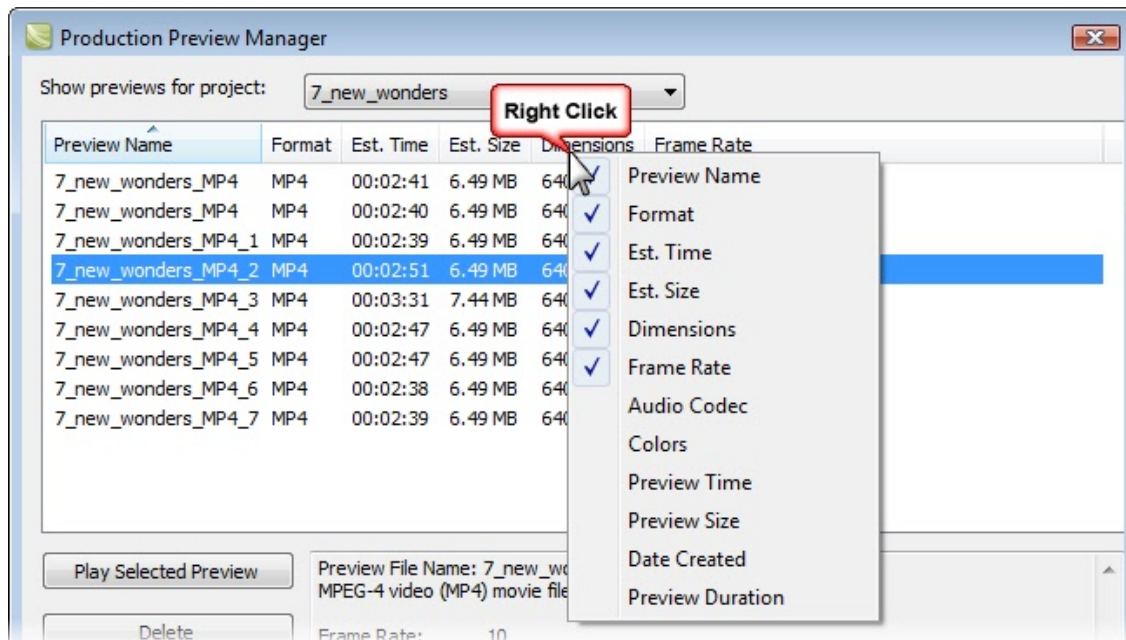
Move a Column

Click and drag a column heading along the heading row.

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Produce and Share a Video : Produce using Custom Production Settings : Batch Production

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Batch Production

Camtasia Studio **>** Tools menu item > Sharing > Batch Production > Batch Production wizard

The **Batch Production** option renders multiple Camtasia Studio projects at the same time using production presets.

Batch Produce Using One Preset

1. In Camtasia Studio, choose **Tools** menu item > **Sharing** > **Batch Production**. The Batch Production wizard appears.
2. Click the **Add Files/Projects** button. Select the files to render (.camrec, .avi, .camproj, .mpg, .mpeg, .wmv, .mov, .mpeg-4, or .flv). Click **Next**.
3. Select one of the following options:
4. Select the **Use one production preset for all files/projects** option and select a preset from the dropdown. Click **Next**.

    To **create a new preset**, select **Preset Manager** > **New**.

5. Click **Browse** to choose the output folder. Enable the **Organize produced files into sub-folders** option to produce the files/projects into separate folders.
6. Enable the **Show production results** option to view a summary after rendering.
7. Click **Finish**. The batch processing begins. The progress of each file/project appears in the *Rendering Batch Production* dialog box.

Batch Produce Using Multiple Presets

1. In Camtasia Studio, choose **Tools** menu item > **Sharing** > **Batch Production**. The Batch Production wizard appears.
2. Click the **Add Files/Projects** button. Select the files to render (.camrec, .avi, .camproj, .mpg, .mpeg, .wmv, .mov, or .mpeg-4, or .flv). Click **Next**.
3. Select the **Use a different production preset for each file/project** option. Click **Next**.
4. Click within the **Preset Name** column to change the preset for each file/project. Click **Next**.

   > To **create a new preset**, select **Preset Manager** > **New**.

5. Click **Browse** to choose the output folder. Enable the **Organize produced files into sub-folders** option to produce the files/projects into separate folders.
6. Enable the **Show production results** option to view a summary after rendering.
7. Click **Finish**. The batch processing begins. The progress of each file/project appears in the *Rendering Batch Production* dialog box.

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Produce and Share a Video : Produce using Custom Production Settings : Package as a Pack and Show Executable

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Package as a Pack and Show Executable

> Camtasia Studio **>** Tools menu item > Sharing > Pack and Show > Pack and Show wizard

Pack and Show creates a Windows-executable file users can double-click to unpack the file and play the video. You can include the TSCC codec and Camtasia Player in the package.

Pack and Show Advantages

- Includes everything users need to view a TSCC-encoded video.
- The packaging process may reduce the file size without affecting the video or audio quality.
1. In Camtasia Studio, choose **Tools** menu item > **Sharing** > **Pack and show**. The Pack and Show wizard appears.
2. The Pack and Show Wizard appears. Click the **Browse** button to select a video file to package.
3. The Executable file name populates with the name of the executable file and its path based on the video selected. By default, the file saves to the same directory as the selected video. Click the **Browse** button to change the file location. Click **Next**.
4. If you selected:
   - AVI file to package, see **Pack and Show-AVI Options**.
   - MPEG-4, FLV or SWF file to package, see **Pack and Show - MPEG-4, FLV or SWF Options**.
   - CAMV file to package, see **Pack and Show-CAMV Options**.
5. The *Package Video Options* screen appears.
   - Select **Run video after packaging**, to automatically play video after packaging.
   - Select **Package another video**, to open the Pack and Show Wizard after packaging.
6. Click **Finish**.

Camtasia Studio creates an executable file (.exe). Instruct viewers to double-click the .exe file to open and play the video.
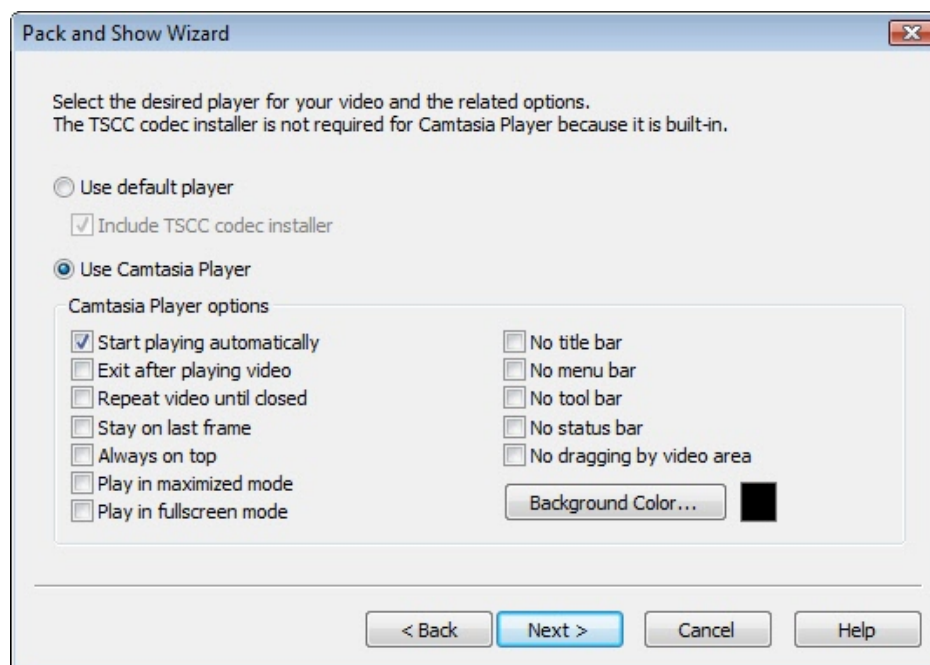
Pack and Show-AVI Options

Camtasia Studio **>** Tools menu item > Sharing > Pack and Show > Pack and Show wizard > Select an AVI file > Next

Pack and Show creates a Windows-executable file users can double-click to unpack the file and play the video.

Select the desired player and related video options:

▶ Use default player:

Plays the video in the default player on the host computer. Enable the **Include TSCC codec installer** option.

▶ Use Camtasia Player:

Plays the video in Camtasia Player. Users do not need to download TSCC codec since it is built into Camtasia Player. Select the desired Camtasia Player options.
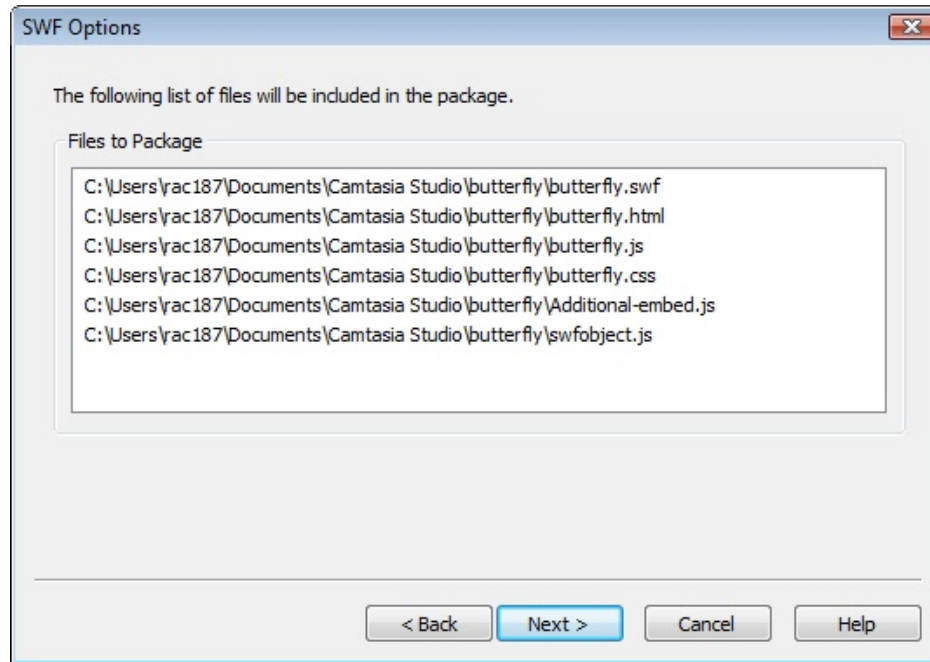
Pack and Show - MPEG-4, FLV or SWF Options

🔷 Camtasia Studio **>** Tools menu item > Sharing > Pack and Show > Pack and Show wizard > Select a SWF file > Next

⚠️ To Pack and Show Flash-based videos, the videos must have been produced using the **HTML option in the Production Wizard**.

Pack and Show creates a Windows-executable file users can double-click to unpack the file and play the video.

The *SWF Options* screen shows all files included in the Pack and Show file. You need all the files listed to play the MPEG-4, FLV or SWF video.

Click **Next** to continue the Pack and Show Wizard.

Produce and Share a Video : Produce using Custom Production Settings : Package as a Pack and Show Executable : Pack and Show-CAMV Options

Pack and Show-CAMV Options

🔷 Camtasia Studio **>** Tools menu item > Sharing > Pack and Show > Pack and Show wizard > Select a CAMV file > Next

Pack and Show creates a Windows-executable file users can double-click to unpack the file and play the video.

The Camtasia for RealPlayer file format produces a presentation in three files:

▶ Mymovie.camv (the video stream)
▶ Mymovie.rm (the audio stream, if applicable)
▶ Mymovie.smil (SMIL presentation file to play the audio and video streams simultaneously)

A video only presentation does not require a .smil file. You can open the .camv file directly in RealPlayer. However, if you want video and audio, you must include the .smil and .rm files in the Pack and Show file.

1. Click the **Browse** button to select the .smil file that corresponds to the video.
2. Enable the **Include RM file in package** option to include audio with the video.

3. In the **RM file name** field, select the .rm file that corresponds to the video.
4. Click **Next**.

Produce and Share a Video : Produce using Custom Production Settings : Produce a Selection on the Timeline

Produce a Selection on the Timeline

Produce a selection on the Timeline to create a short video or to preview an effect.

1. Use the in and out points on the playhead to make a selection on the Timeline.
2. Right-click the selection and choose **Produce selection as**.
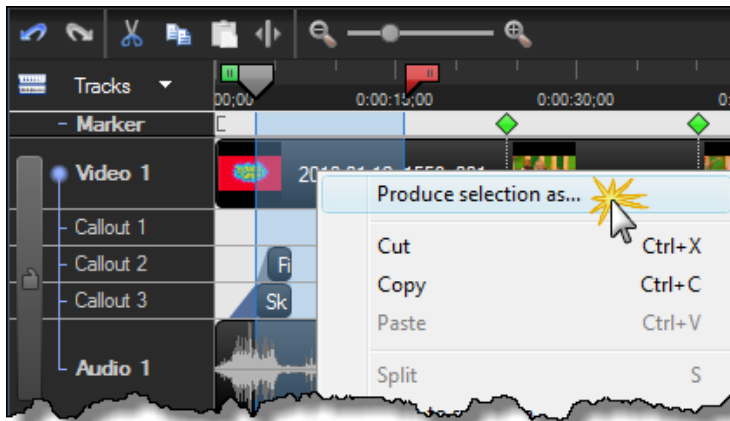
3. The **Production Wizard** appears. Produce the video with the desired settings.