Public Beta

QuickTime 4 Pro

The easy way to play, create, and edit streaming movies, sound, pictures, and other media on Windows- and Mac OS–based computers.

Key Features

Versatile support for web-based media

- Access live and stored streaming media content with the QuickTime Player
- View QuickTime movies more easily than ever with new enhanced controls
- View the most popular Internet media formats, including Macromedia's Flash format
- Save your favorite movies in the QuickTime Player for one-click access

Sophisticated playback capabilities

- Play back full-screen video
- Play slide shows and movies continuously
- Work with video, still-image, and sound files in all leading formats

Easy content authoring and editing

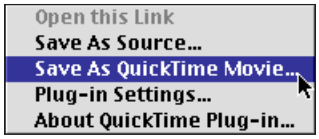
- Create new QuickTime streaming movies by copying and pasting content from any supported format
- Enhance movies and still pictures with filters for sharpening, color tinting, embossing, and more
- Save files in multiple formats, including the new DV format for high-quality video
- Create slide shows from pictures
- Add sound to a slide show

QuickTime is the most widely used cross-platform multimedia technology available today. QuickTime now has powerful streaming capabilities, so you can enjoy watching live events as they happen. The QuickTime 4 Pro version includes streaming capabilities as well as the tools you need to create, edit, and save QuickTime movies. These tools include the QuickTime Player, PictureViewer, and the QuickTime Plug-in.

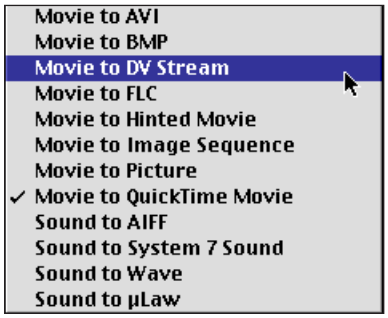
The QuickTime Player provides a simple, intuitive, elegant interface for playing back live or stored streaming video.

QuickTime™

QuickTime 4 Pro gets you ready for streaming by providing the most popular presets for exporting your movies to the web.



The QuickTime Plug-in lets you save media files from the Internet for later offline use.



You can convert existing media assets to other file formats and compressors such as DV using the QuickTime encoding architecture.

The QuickTime Player has an exciting new look, easy-to-use controls, and the ability to save and bookmark your favorite movies, regardless of where they are stored. The QuickTime Player is ideal for viewing video and audio streams, animation, virtual reality scenes, and 3D models. It contains a convenient Favorites Drawer for one-click access to content, and it has sound-adjustment controls for balance, treble, and bass. You can also correct color, adjust contrast and brightness, and apply special effects such as film noise and lens flare to enhance your movies.

In addition to playing movies, the QuickTime Player can also open, edit, and save movies in dozens of different formats, including Macromedia Flash files. Flash is the Internet standard for interactive vector graphics and animation. With QuickTime 4 Pro, you can copy and paste Flash tracks from one movie to another; combine Flash tracks with video to create an interactive, user-controllable interface; and combine Flash tracks with other types of media. The QuickTime Player also has a new "LCD" panel that provides an easily accessible Timecode mode selector and a time slider for quick editing and saving.

Once you've finished editing, the QuickTime Player compresses your files using Sorenson Video 2, QDesign Audio 2, or Qualcomm PureVoice compressors for streaming from any Internet-ready web server. You can also choose one of the many standards-based compressors, such as H.263, to provide the ultimate in streaming media interoperability.

PictureViewer is an essential tool for viewing and converting images between standard publishing formats. It has enhanced support for still images, allowing you to rotate and resize more than a dozen of the most popular image file formats. Images can be saved in Photoshop or TIFF format for use by graphic artists, BMP or PICT format for use on Windows- or Mac OS–based computers, and PNG or JPEG for posting to your web site.

PictureViewer now supports the FlashPix multiresolution standard created by Kodak, Hewlett-Packard, and Live Picture. With PictureViewer, you can open FlashPix files easily from a digital camera. You can also export to an image sequence to create your very own slide shows, or use PictureViewer to view 16-bit-channel images.

QuickTime 4 Pro includes the QuickTime Plug-in, which works with the leading web browsers to open any media type supported by QuickTime. The QuickTime Plug-in replaces numerous applications and plug-ins, allowing you to save movies and QuickTime movie favorites to media servers around the world by simply using the convenient plug-in "Save" control.

The QuickTime files you create can be viewed by anyone using a Windows- or Mac OS–based computer with QuickTime 4 installed. The files will be displayed in exactly the same format as they were created. The QuickTime Player is included in QuickTime 4, but is not required to view QuickTime movies—many applications, such as word processors, web browsers, and presentation programs, can display QuickTime movies.

QuickTime 4 Pro offers a low-cost, simple, and powerful way to create, edit, and play media files on a computer. QuickTime 4 Pro applications work with all supported QuickTime media formats, making it easy to enjoy streaming media clips, movies, pictures, and sound files (including MP3 files) from the World Wide Web, DVD-ROM, CD-ROM, and other sources. No other product offers such a high degree of media integration.

10 Great Reasons to Upgrade to QuickTime 4 Pro

1. Create and edit your own streaming movies from existing QuickTime content
2. Convert pictures and still images between standard publishing formats
3. Add special effects to your movies
4. Provide full-screen movie playback
5. Make presentations and slide shows that can be played back with any application that supports QuickTime 4
6. Compress video using the state-of-the-art Sorenson Video 2 compressor
7. Export video, audio, and pictures to more than a dozen standard file formats
8. Enable, disable, or extract specific tracks of a movie
9. Compress audio using QDesign Music 2 up to 100:1 for Internet streaming
10. Save movies from web sites

System Requirements

Windows-based systems

- PC with an Intel or compatible processor or any MPC2-compliant PC (minimum 66-MHz 486 processor; also supports Pentium, Pentium Pro, Pentium II with MMX, and Pentium III processors)
- Pentium processor recommended when using effects, 3D, Sorenson Video, DV, streaming, or QDesign 2 music
- At least 16MB of RAM
- Windows 95, Windows 98, or Windows NT 4.0 system software
- Sound Blaster or compatible sound card and speakers
- DirectX version 3.0 or later recommended

Mac OS–based systems

- 68020, 68030, or 68040 processor–based computer or Power Macintosh computer
- Power Macintosh computer required when using 3D, Floating-Point Audio, DV, MPEG, streaming, or QDesign 2 music
- At least 8MB of RAM recommended for 68020, 68030, and 68040 processor–based computers; at least 16MB of RAM recommended for Power Macintosh computers
- Mac OS 7.1 or later

Features	Benefits
Versatile support for web-based media	
Support for live and stored streaming media	• View more than 20 types of popular media files • Watch live events in your web browser or in any QuickTime-supported application, including the QuickTime Player • Play movies, pictures, virtual reality, and sound files (including MP3 files) on the web without having to find and download multiple browser plug-ins or helper applications
New enhanced controls	• View the current time and a graphic equalizer in an LCD panel • Get access to your favorite channels using the Favorites Drawer • Adjust balance, volume, bass, and treble using audio controls
Support for the most popular Internet media formats	• Includes support for Macromedia Flash to create navigation interfaces, technical illustrations, vector graphics, and animations for web sites • Supports the popular GIF, JPEG, MIDI, MOV, AVI, WAV audio, and BMP still formats used on the Internet
Media file storage	• Allows you to save media files from web sites (like using bookmarks in your browser) • Lets you access movie favorites with a convenient pull-down menu
Favorites Drawer	• Allows you to choose from multiple built-in channels to view content on the web • Lets you save your favorite channels with an easy drag-and-drop interface • Gives you easy access to your favorite movies, pictures, and sounds for future enjoyment
Sophisticated playback capabilities	
Full-screen video playback	• Enlarge movies, slide shows, and pictures for presentations and informational displays • Remove menu bars for full-screen playback of presentations
Continuous playback	• Set slide shows and movies to continuous-play mode • Create self-running displays and information kiosks
Support for all leading Windows and Mac OS media formats	• Explore multimedia more easily • Play different types of files, such as video, still-image, and sound files, with only one application
Browser compatibility	• Works with leading browsers on both Windows- and Mac OS–based systems • Allows users to view multimedia content with their browser of choice: Microsoft Internet Explorer, Netscape Navigator, or America Online
Easy content authoring and editing	
Copy-and-paste authoring	• Produce your own movies and sound files quickly from existing materials • Create slide shows from numerous picture sources for playback in any QuickTime-enabled application
Filters	• Enhance movies and still images with embossing, sharpening, and color tinting • Adjust the color balance to make your movies unique
Easy output to the web and to camcorders	• Combine AIFF, AU, and WAV music files and make them available for Internet use • Encode edited movies in DV format for use with a camcorder
Audio enhancements	• Add sound to a slide show
Labeled icons	• Visually identify local and network-accessible QuickTime-supported file formats

Product Details

QuickTime Player features

- Easy-to-use controls
- New enhanced interface
- Ability to save effects settings
- Movie controller selection slider
- Bass and treble controls
- Balance control
- Streaming media support
- Ability to save movie favorites
- Info tray

Import file formats

- 3DMF
- AIFF
- AU
- Audio CD Data (Macintosh)
- AVI
- BMP
- DV
- FlashPix*
- GIF
- JPEG/JFIF
- Karaoke
- MacPaint
- Macromedia Flash
- MIDI
- MPEG 1 (Macintosh)
- MPEG 1, Layer 3 (MP3)
- Photoshop*
- PICS
- PICT
- Pictures
- PNG
- QuickTime Image File
- QuickTime Movie
- SGI
- Sound
- TARGA
- Text
- TIFF*
- Virtual Reality (VR)
- Wave

For More Information

For more information about QuickTime, visit our web site at www.apple.com/quicktime.

Apple stands behind its products with world-class service and support. Offering quality parts, extended hardware service options, phone support, and support via the Internet, we provide you with support choices that meet your needs. For more information, visit www.apple.com/support.

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Export formats

- AIFF
- AU
- AVI
- BMP
- DV Stream
- FLC
- Image Sequence movie exporters
- JPEG/JFIF
- MacPaint
- MIDI
- Photoshop
- PICT
- Picture
- PNG
- QuickTime Image
- QuickTime Movie
- SGI
- System 7 Sound
- TARGA
- Text
- TIFF
- WAV

Video compressors

- Animation
- Apple BMP
- Apple Video
- Cinepak
- Component video
- DV NTSC and PAL
- Graphics
- H.263
- Intel Indeo Video 3.2 and 4.4
- Microsoft RLE
- Microsoft Video 1
- Motion JPEG A and B
- Photo JPEG
- Planar RGB
- Sorenson Video 1 and 2

Video effects

- Alpha gain
- Blur
- Color balance
- Color style
- Color tint
- Edge detection
- Emboss
- Film noise
- General convolution
- Lens flare
- HSL balance
- RGB balance
- Sharpen
- Zoom

Sound compressors

- 24-bit integer
- 32-bit floating point
- 32-bit integer
- 64-bit floating point
- ALaw 2:1
- AU
- IMA 4:1
- MACE 3:1
- MACE 6:1
- MS ADPCM
- QDesign Music 2
- Qualcomm PureVoice

QuickTime Plug-in

Supported browsers (Macintosh and Windows):

- America Online 3 or later
- Microsoft Internet Explorer 3.x or later
- Netscape Navigator 3.x or later

*QuickTime 4 also supports import of multiple images and layers in TIFF, FlashPix, and Photoshop files.

Ordering Information

QuickTime 4 Pro

- QuickTime Player
- PictureViewer
- QuickTime Plug-in

To order QuickTime 4 Pro, call 1-888-295-0648 in the U.S., call 1-888-295-0653 in Canada, or visit www.apple.com/quicktime.

You can obtain a volume license (25 or more users) for QuickTime 4 Pro software as an upgrade to QuickTime 4 by calling 1-800-747-7483. If you are already using QuickTime 4, use the QuickTime Settings control panel to bring up the registration screen, then use the “Register Online” button to order your upgrade.

QDesign Roland QUALCOMM Sorenson Vision, Inc. indeo INTEL VIDEO TECHNOLOGY Mac For Windows

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