

Sorenson Video 3

The QuickTime® Standard
for High-Quality Video

In March 2000, *Mac Addict Magazine* gave Sorenson Video® their highest rating—Freakin' Awesome! *Mac Addict* raves about its G4 performance, ability to maintain quality at low data rates, and comprehensive setting controls.

encoding

As an integral part of Apple Computer's QuickTime®, Sorenson Video has become the industry's pacesetter for high-quality video compression at low bandwidth delivery.

hosting

Sorenson Video 3 leverages the foundation in previous versions of Sorenson Video by giving you even higher levels of quality, performance, and functionality.

streaming

With Sorenson Video 3, you can get better video quality than Sorenson Video 2 at less than half of the bit rate. Sorenson Video 3 delivers twice the compression speed as Sorenson Video 2 and three times the speed when using Variable Bit Rate (VBR) compression.

Sorenson Video 3 is available in both Standard and Professional Editions. The Standard Edition is included as part of Apple's QuickTime 5.

Standard Edition

The Standard Edition of Sorenson Video 3 includes compression controls for data rate, frame rate, and keyframe intervals. In addition, there are some advanced features applied to compressions with the default settings.

The Standard Edition produces good compression results for average video content.

Professional Edition

With the Professional Edition, you can produce high-quality video even at very low data rates. The Professional Edition provides the control necessary to handle all types of video, from interviews to sports footage. The advanced control and features in Sorenson Video 3 Professional Edition make it a must for serious multimedia content producers.

Sorenson Video 3 Key Features

- Improved performance
- Enhanced quality
- Support for alpha channel/chroma key
- Color watermarks
- Automatic keyframes through scene change detection
- Bi-directional prediction
- Support for two-pass Variable Bit Rate (VBR) compression
- Block refresh for packet loss correction
- Media key support through secure encryption
- Compression time packetization for error resiliency to packet loss
- Support for QuickTime 5

Automatic key frame insertion on scene changes

Image smoothing for better playback at low data rates



QuickTime 5 streaming support

Scale playback across high-end and low-end machines

Watermarks guarantee the visibility of your brand.

Sorenson Video 3 Features

Outstanding video quality

- Automatic scene change detection - when the encoder senses a scene change, it produces a key frame and allocates more resources (bits) to maximize video quality.
- Support for two-pass VBR compression - produces much higher-quality video by distributing bits in an ideal fashion. The first pass analyzes the data; the second pass compresses the data for maximum performance based on the first-pass data profile.
- Compression time packetization for error resiliency to packet loss - minimizes quality degradation due to lost packets by inserting recognizable patterns into the bitstream. If a packet is lost, the decoder automatically picks up at another point. The decoder doesn't have to drop a frame.

Exceptional performance

- Block refresh for packet loss correction - minimizes errors in the picture, reduces error propagation, and eliminates errors due to inequalities in forward and inverse DCT
- Media key support through secure encryption - provides very strong protection for content
- Encoders optimized for Macintosh G4 and Intel Pentium II/III (optimized for MMX)

System Requirements

Encoder

- QuickTime 5 or later
- Power PC with G3 processor or greater
- Mac OS 8.6 or later
- Pentium II-based PC or greater
- MS Windows 95, 98, ME or 2000
- 128 MB RAM

Playback

- QuickTime 5 or later
- Mac OS 7.5.5 or later
- MS Windows 95, 98, ME, 2000 or NT 4.0
- Sound Blaster or compatible card and speakers
- 32 MB RAM

Customer Support

support@sorenson.com

To Order

www.sorenson.com
(888) 767-3637

Sorenson Media™
4393 South Riverboat Road
Suite 300
Salt Lake City, UT 84123
Phone: (801) 287-9400 Fax: (801) 287-9401