ViewStream

ViewStream provides a wide variety of video compression options to enable the best quality video on demand and streaming video on the Internet. ViewStream is based on our proprietary wavelet image compression technology that provides a CODEC with unmatched video quality. The Sagaxis ViewStream CODEC is easy to use and is the most efficient CODEC available.

The wavelet CODEC configuration menu is automatically added to most popular video editing applications to let you apply the power of Sagaxis video compression to your project. Output options let you control frame rate and bandwidth targets even if your video editing program can't. You also have full control over image quality settings and encoding speed. Our unique letterbox format allows you to further conserve video resources by only compressing the image area in letterboxed source media. The wavelet CODEC also accepts input parameters from programs like Premiere and Vegas Video to give you perfect control over video output.

Entropy Compression

Provides either enhanced speed or compression ratios on both MMX and non-MMX machines creating greater flexibility for the user.

Fixed Bandwidth Compression

Allows the compressed video clip to be targeted to a specific bandwidth.

Variable Data Transmission Rates

Sagaxis video compression maintains the highest quality at the highest frame rates available for known bandwidth constraints and image sizing.

Automatic Key Frame Insertions

Detects scene changes automatically resulting in better compression rates with less work.

Supports a Variety of Video Formats

Audio Video Interleave (AVI)

Windows Media Technologies (WMV)

Windows Multicast Server (ASF)

QuickTime Movies (MOV)

Compatible with Most Audio Formats

PCM, ADPCM, MP3, GSM, DSP & more

Wavelet compression technology makes all the difference. Just look at these images compressed to the same specifications with MPEG4 and wavelet compression. The Sagaxis wavelet compressed video is more than 50% clearer!

MPEG4 Vs3 300:1 Key Frame   Wavelet 300:1 Key Frame

Key Features

- Faster than real-time video compression.
- Compatible with major video editing software including Premiere, Vegas Video and Liquid Edition.
- Optimized for real-time video encoding for broadcast applications.
- Stunning performance over a wide range of bit rates from 28 Kbps to 5.5 Mbps.
- Auto key frame insertion.
- Supports one and two pass encoding methods.

Specifications

Compression Ratio	40:1 to 150:1
Frame Rate	Up to 30 fps
Video Sizes	176 x 144, 256 x 192, 320 x 240, 640 x 480, 720 x 480, custom
Color Space	YUV-9, I420, RGBT

System Requirements

Encoding: Pentium 300 MHz

Real-time Encoding: Pentium 4 (2.0 GHz) with 128 Mb RAM, MMX recommended, 24-bit or higher monitor setting; Windows 98 SE, ME, NT, 2000 or XP.

Decoding: Pentium with 64 Mb RAM; Windows 98 SE, ME, NT, 2000 or XP.

Specifications subject to change without notice.