

Studio9000 VideoEditor™

Blazing performance.. Compressed or uncompressed video! Real-Time NLE Non- Linear Video Editing System

simultaneous playback of 4 video streams

four channels of real-time 3D DVE

up to six graphics streams. four-camera multi-cam editing



Studio9000 VideoEditor™ a powerful NLE systems in Cepoint's family TV Broadcast and video Post Production provides solutions for editing, animation, compositing, special effects, real-time web video streaming (including live web broadcasting) and DVD content creation. This Post Production system economically geared for blazing performance is the best low cost solution for use in creating corporate, educational and industrial videos, powerful enough as the preferred choice for professional film and video post production facilities, major television networks, television stations and cable companies worldwide.

An uncompromising performance and rendering is achieved with the Emmy® Award winning dpsVelocity technology by Leitch. This system combines multi-layer real-time non-linear editing hardware with and software, into a fully-integrated advanced multi-layer NLE solution for real-time performance and an unparalleled level of efficiency, reliability and ease of use.

. Whether producing content for video, tv broadcast, webcasting or video webstreaming , CD-ROM, DVD, VideoEditor™ provides the tools, features and workflow that professionals have come to depend on. With real-time features including full-quality simultaneous playback of four video streams, up to six graphics streams, and four channels of real-time 3D DVE, VideoEditor™ raises the bar for real-time performance. With additional features including mixable compressed and uncompressed video, four-camera multi-cam

editing, and all of the features of dual or quad-stream NLE, Cepoint's VideoEditor delivers the ultimate combination of performance, quality, flexibility and affordability.

PROFESSIONAL VIDEO EDITORS DREAM COME TO LIVE

When using the VideoEditor you will find comprehensive powerful features such as 3 and 4-point editing, batch re-digitizing, mixable compressed and uncompressed video, and real time filters including color correction and variable speed changes. With included user-definable hotkeys, selectable A/X/B and single-track timeline modes, an optional external jog/shuttle controller and more, you can choose the control method and editing style you prefer and get the ultimate in quality, productivity, flexibility, reliability, and ease of use that makes any professional video editors dream come true. While Studio9000 VideoEditor™ may not be only for non-linear editing solutions for serious professionals, non professionals will find its ease of use and blazing performance the best investment decision they ever made.

OUTSTANDING TOOL FOR ANY TV STUDIO OR VIDEO PRODUCTION DEPARTMENT.

The Studio9000 VideoEditor™ system supports compressed and uncompressed video playback and recording, providing unparalleled video quality, and includes an integrated SCSI controller. The system packs all of this power, plus professional I/O (including composite, Y/C, component, and optional DV and SDI), multi-channel audio mixing, video mixing, keying and alpha channel support



EDITING MADE EASY

Editing is made easy with bundled dpsVelocity software with a wide range of features that increase productivity and enhance the editing interface and workflow. The editing timeline features selectable A/X/B and single-track timeline modes, real-time support for video files with alpha channel, independent variable track scaling, mute and solo of video and audio tracks, multiple timeline support and more. Captured clips and other media are easily organized into one or more tabbed customizable galleries. Media can be played, sorted, searched and managed right within the galleries, while mouse controls, user-definable hotkeys, and an optional jog/shuttle controller let you pick your favorite style of editing.

MULTI CAMERA EDITING MADE EASY

VideoEditors's two or four-camera editing mode makes editing a sequences using multiple camera angles easy and intuitive. Sequences from two cameras can be "sliced and diced" interactively as you view your sources in realtime, directly from the timeline – no special plug-ins required! Sequences can even be switched while playing at faster than real-time, enabling multi-cam edits to be performed in a fraction of the time of the actual sequence. Multi-camera edits can be refined before applying them back to the timeline with cuts or transitions. Editing a multi-camera shoot has never been easier or faster!

ADVANCED AUDIO

Audio is an essential part of any production. **Studio9000 VideoEditor™** provides real time 8-channel audio mixing and monitoring,

with real time parametric EQ for audio sweetening. Tracks can be muted or soloed, and if you need more audio channels, you can automatically mix down additional audio tracks for real time preview. Audio control nodes

can be created on-the-fly by using the sliders during playback, and voiceover and analog-style scrub make working with audio easy. For additional effects and filters, DirectShow-compatible audio plug-ins can be applied to clips directly in the timeline.

EASY INTEROPERABILITY

Interoperability features such as EDL import and export, and optional OMF and AAF support make it easy to interchange projects and media files with other editing systems and post production tools for collaborative work. Plus, uniquely flexible DPS Virtual Tape File System™ (VTFS™) provides seamless and transparent integration and file interchange with graphics, animation, and compositing systems. Each frame of video is simultaneously available in ten popular image file formats, including TGA, BMP, and TIF. Animation sequences can be rendered directly to the VTFS, then easily accessed for playback and editing.

DFX+ ADVANCED COMPOSITING AND IMAGE PROCESSING

Included with your NLE System is Digital Fusion DFX+™ 4.0, the latest version of the advanced, modular, resolution independent compositing and effects software from eyeon. DFX+ is designed to allow you to easily add a professional finish to your productions and video sequences. DFX+ will allow you to move quickly from concept to final production with the same speed, precision, and productivity as the award-winning Digital Fusion™. DFX+ expertly combines an incredible toolset with benchmark speed, bringing expensive high-end capabilities to the cost effective desktop. With a powerful flow-based process, comprehensive tools and many high-end plug-ins available, complex compositions and designs can be achieved with ease.

DFX+ features broad format support of over 20 professional image and 3D file formats,

with a groundbreaking multi-threaded design that gets the maximum performance.

Other features include the Text+ advanced character generator, format and aspect ratio conversion, powerful spline controls to animate any tool, and polygonal effects masks that can be animated to apply effects to user definable regions. DFX+ can be expanded via optional modules to include highly advanced features such as tracking, advanced keying, film import, 3D depth tools, network rendering and more.

EASY 3 AND 4 POINT EDITING AND TRIMMING

Clips can be trimmed directly on the timeline or with the advanced Trim Window, which provides easy 3 and 4-point edit modes including insert, overlay, slip, slide, and fit-to-fill.

FLEXIBLE CAPTURING WITH PRECISION QUALITY CONTROL

Capturing footage is accurate and flexible, with methods ranging from quick capture to frame-accurate batch capture.

Uncompressed and variable compression playback and recording are supported for perfect quality every time, with the flexibility to mix compressed and uncompressed footage in the same timeline. Proc amp controls, color correction, and an integrated waveform monitor and vectorscope display help keep your video levels within spec and allow you to easily fine-tune both incoming and captured video. Batch recapture allows footage to be captured at offline compression rates, and later replaced with higher quality footage for output.

FULLY CUSTOMIZABLE EFFECTS & TRANSITIONS

Hundreds of predefined and customizable transitions and effects are included and fully keyframeable for precision control. Real time effects including variable speed changes, reverse, color correction, "garbage mattes" and keying can be combined simultaneously with transitions and rolling and crawling titles, providing maximum creative flexibility. With the V3DX 3D DVE module, 3D effects such as rotation, perspective and warp can be applied to graphics as well as video, and played back simultaneously with wipes and other effects in real time. If you ever do need to render, DPS Render Bank technology

remembers previously rendered segments, eliminating re-rendering.

SDI-Digital I/O Option

The SDI- digital I/O option adds digital audio and SDI video I/O the VideoEditor. The SDI interface provides one SDI input and two SDI outputs (SMPTE 259M, 270Mb/s). Embedded AES audio conforming to SMPTE-272M is supported on the SDI input. Audio may be synchronous or asynchronous with respect to both the SDI video, and system audio sample clock. For audio I/O, balanced AES/EBU (EIAJ CP-340, XLR), unbalanced AES/EBU (SMPTE-267M, BNC) and S/PDIF (RCA, unbalanced) are provided.

KEY FEATURES

- Fully integrated hardware/software solution
- dpsVelocity real time NLE software
- dpsReality hardware – single slot, single IRQ PCI card
- Real time simultaneous playback of 2 video streams & 2 graphics streams
- Embedded dedicated ultra-wide SCSI interface for fast data transfer rate
- Compressed and uncompressed recording and playback
- Mix compressed and uncompressed clips in the same project
- Flexible analog video I/O: composite, component & Y/C
- Balanced & unbalanced stereo analog audio I/O
- Direct support for DV I/O through IEEE-1394 interface
- Accepts optional SDI and digital audio I/O cards
- Full frame 720 x 486 (NTSC) or 720 x 576 (PAL) resolution
- Dedicated preview channel video output
- Adjustable genlock timing referenced to video input
- Real time 8-channel hardware audio mixing
- Real time parametric audio EQ
- Direct timeline support for DirectShow-compatible audio plug-ins
- Real time 2D and 3D DVE, including picture-in-picture, perspective, warp and rotation
(dpsVelocity-3D only)
- Real time rolls and crawls

- Real time variable speed changes and reverse playback
- 200+ customizable, keyframeable real time 2D transitions (12-bit ultra-smooth antialiased wipes with colored and soft-edge borders)
- 200+ customizable, keyframeable real time 3D transitions with sub-pixel movement for superb quality (dpsVelocity-3D only)
- Fully keyframeable real time proc amp controls and color correction
- Real time keyframeable chroma/luma keyer (dpsVelocity-3D only)
- Real time support for 32-bit video files with alpha channel
- Real time masks and “garbage mattes” (dpsVelocity-3D only)
- Integrated waveform/vectorscope display
- Batch Capture, Recapture and Print-to-Tape support RS-422 and DV control
- Stand-alone logging tool for generating batch capture lists
- Multiple timeline support (tabbed or free-floating)
- Multiple tabbed galleries (bins) with search and database-style detail modes
- EyeCon View™ for constant display of picons and clip timecode of all visible layers at playhead while scrubbing and aligning clips
- Selectable A/X/B or single-track editing modes (can be toggled while working)
- Two-camera editing
- User definable hot keys
- Trim window with advanced 3 and 4 point edits
- Flexible timeline interface with independently variable track heights, mute/solo and show/hide of video and audio tracks
- EDL import and export
- Optional Interoperability module featuring OMF and AAF import and export
- Render Bank™ technology remembers previously rendered segments
- DPS Virtual Tape File System™ provides seamless integration with third party graphics/animation applications
- DFX+ compositing and advanced effects with direct timeline integration
- Live video processing including real time titling and transitions
- Real time support of web streaming video formats

- Export RealNetworks® RealVideo®, Microsoft® Windows Media Format™, AVI, QuickTime™, MPEG-1 and DVD-compliant MPEG-2 files directly from the timeline
- Live webcasting combining live video & audio with prerecorded footage, titles & transitions
- Integrated remote control support for optional Panasonic WJ-MX20 switcher for multicamera live webcasting
- Bundled DVD authoring, professional titling and audio sweetening software

SYSTEM SPECIFICATIONS: (General Spec)

Material: Heavy-duty cold-rolled steel. Inside: zinc-plated with bright chromate. Outside: texture-coated

Dimension: 19"(W) x 20"(D) x 7"(H)

Cooling: 2 x 90mm ball-bearing fans

Power Supply: 300W ATX

PCI Extension: PCI Bus architecture for versatile compatibility with industry standard studio equipments.

Air cooling Filters: Removable and washable

Controls: Power on/off and system reset

Indicators: Power and HDD LED's

System Clock: Synchronised with SMPTE, EBU And IRIG-B Time Code for accuracy.

Speaker: 0.4W built-in internal monitoring speaker

Hard Drive : 73 GB of storage. External RAID interface support for unlimited video storage.

Temperature: 0°C(32°F)~ 50°C(122°F)

Humidity: 5%~95% non-condensing

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