

Avid NewsCutter Adrenaline v.6.7

Engineered for today's acquisition technologies, NewsCutter® Adrenaline™ version 6.7 is optimized for deadline-driven news and sports video editing. High-speed, full-featured editing in native SD and HD resolutions; I/O support for Panasonic P2, Sony XDCAM, XDCAM HD, and Ikegami Editcam formats; comprehensive newsroom integration; and industry-leading speed and reliability are among the reasons why broadcasters around the world rely on NewsCutter Adrenaline systems.



Product highlights

Every news production organization demands constant collaboration between editors and the newsroom for timing, accuracy, new versions for different newscasts, and faster turnaround times. Only NewsCutter makes them all available in one feature: the NRCS Tool.



Timing

The read rate of the presenter is calculated to approximate edit duration, so editors can work with precise timing before all the production elements are available

Accuracy

Users can highlight words in the script, click the IN/OUT button on the NRCS tool, and drag the clip to the timeline, to create an accurate edit before the voicetrack is complete

Multiple versions

The alternate Edit feature helps the editor determine which shot works best in context, or to provide alternate shot suggestions for future versions of the story

Faster turnaround

Automatic sequence creation, association with the NRCS script, and metadata extraction mean fewer errors and faster editing

The standard for nonlinear news editing

NewsCutter Adrenaline offers native handling of all popular video formats, so breaking stories and fresh content can be turned around faster. Time-saving features include recording to the timeline; direct control from the VTR; enhanced Capture tools; and support for Frame Chase™ editing, so work can start just seconds after recording has begun. NewsCutter is a key component in an end-to-end broadcast workflow and offers far greater efficiency than general-purpose editing systems, with better finished quality.

High-definition workflow

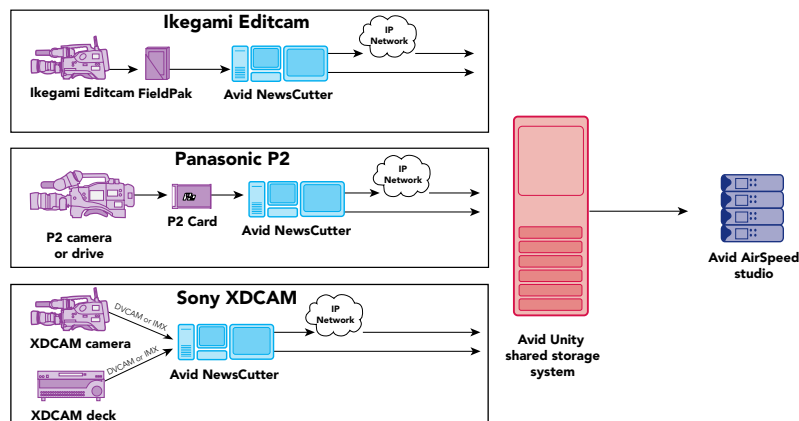
NewsCutter Adrenaline natively supports Avid DNxHD®, DVCPRO HD, HDV, and MPEG Long-GOP high-definition (HD) formats. The Avid Adrenaline hardware accelerator integrates real-time I/O capability, and the easy-to-install Avid DNxcel™ expansion board adds comprehensive HD-SDI format flexibility. With its field-upgradeable hybrid architecture, NewsCutter Adrenaline systems keep broadcasters ahead of the technology curve and help protect the return on their technology investment.

Higher production quality

Built-in creative tools complement high-speed, high-utility news editing features that let editors produce fresh, higher-quality content, from a short VO to long-form programs. Editors can quickly match shots with "one-touch" color correction tools; create 3D titles with the Marquee® Title tool, import Avid Deko® and other graphics; and speed up or slow down the action with sophisticated FluidMotion™ effects.

Ready for your future

Avid Interplay Transfer software is included to allow NewsCutter Adrenaline to work with a wide range of servers and applications. Integration with the family of Avid broadcast products—iNEWS®, iNEWS Instinct®, Deko, MediaStream™, AirSpeed®, Thunder®, Avid Active™ ContentManager, Avid Unity™ media networks and Avid Interplay™ components—lets broadcasters configure cost-effective news workflow solutions at their own pace. Built-in media sharing and media management capabilities provide industry-leading flexibility, scalability, and control, and give broadcasters a true competitive advantage.



NewsCutter Adrenaline supports tapeless production using acquisition formats such as Ikegami Editcam, Panasonic P2, Sony XDCAM, and XDCAM HD for an end-to-end nonlinear workflow.

Product highlights

P2, XDCAM, Editcam support

Native support and direct editing of Panasonic P2 media and Ikegami Editcam FieldPak; fast proxy editing with hi-res conform with Sony XDCAM

Avid Interplay support

Quickly access any media, collaborate in real time, work transparently with original or proxy media from any location

MPEG Long-GOP editing

Natively edit low-resolution or proxy video; directly access and edit files on Avid MediaStream play-to-air or Avid Thunder live production servers

Frame Chase editing

Play or edit MXF media while it is being captured by another supported device such as Avid AirSpeed

Disable resolutions

User or administrator can specify resolutions that should be disabled, so that inferior resolutions are not accidentally played out to air

Quick Record

Use the shuttle knob on a VTR to control recording into the NewsCutter system for mouse-free and keyboard-free digital editing

Scheduled Recording

Capture Tool functionality enables instant recording or pre-setting a schedule to capture incoming material

One-step keys

Quickly execute commonly used edits and shortcuts, single-keystroke trimming, and instant edit viewing without shuttling

Motion effects

Add slow, fast, strobe, freeze-frame, and reverse; rampable motion effects using FluidMotion technology

Color Correction

Instantly correct color balance on entire sequences to preset values on Adrenaline FX and XP models, and real-time color correction in the Effects model

Blur

Soften hard edges of video or graphics for image correction or a special effect

3D effects

Add dimension to text and graphic objects; create realistic surfaces; apply texture mapping; customize effects such as 3D Warp

Marquee title tool

Create 3D animated titles in a true 3D environment with light sources, textures, and lightning-fast response

System specifications

Recording

- Edit directly on P2 Card or Editcam FieldPak; native P2 and Editcam media support
- XDCAM and XDCAM-HD 18/25/35-Mbit native support including MPEG4 proxies
- DV25, DV50, 30/40/50-Mbit IMX, JFIF, HDV capture; 1:1 SD, DNxHD, and DVCPROHD capture with DNxcel board
- Component/Composite/S-video I/O
- Serial digital SD I/O, serial digital HD I/O with Avid DNxcel board
- LTC input
- Continuous timecode display
- Serial deck control

Video

- Native MXF support
- Edit and render Avid DNxHD encoded media
- DVCPRO HD editing
- HDV editing
- DV25/DV50 editing
- MPEG2 I-frame (IMX) 30/40/50-Mbit editing
- MPEG2 Long-GOP editing
- 525-line (NTSC) and 625-line (PAL) formats
- 24 video tracks
- Mixed resolutions in timeline
- 4:3 and 16:9 (widescreen) aspect ratio support
- MetaSync® capability
- Dual-monitor support

Audio

- SDI embedded audio
- 48 kHz, 44.1 kHz, and 32 kHz
- 16- or 24-bit resolution
- 8 channels ADAT audio I/O (via connector)
- 4 channels AES/EBU digital audio I/O
- 4 channels RCA analog audio inputs/outputs
- 4 channels XLR analog audio inputs/outputs

Avid DNxcel HD I/O board (optional)

Video specifications

- Capture and output HD via industry-standard HD-SDI input/output for connecting to HDCAM, DVCPRO HD, D5, and other popular decks and cameras
- Supported resolutions include: 1080i 59.94, 50 fps; 1080p at 25, 24, 23.976 fps; 720p at 50, 59.94, 23.976 fps
- HD-SDI input: SMPTE 292 compliant:: cable equalization for 100m. Belden 8281
- HD-SDI output: SMPTE 292 compliant, 800 mv. p-p, jitter spec defined by RP-184

Analog video output

- CAV output freq. response: +/- 0.5 dB 10 kHz. to 30 MHz.
- CAV output inter component cross-talk: < -40 dB to 30 MHz.
- CAV output inter component gain error: +/- 2 %
- CAV output S/N: > 50 dB bandlimited to 30 MHz.
- CAV output return loss: < -40 dB to 30 MHz.

Physical connections on the Avid DNxcel board

- One HD-SDI (SMPTE 292M) IN connection
- Two HD-SDI (SMPTE 292M) OUT connections
- One HD Monitor OUT DVI-I connection
- HD Component OUT Y/Pb/Pr
- HD Tri-Level Sync

System specifications subject to change.

Avid Total Services

Providing faster return on your investment by getting your systems and personnel up and running quickly, maximizing workflow efficiency, and meeting your production schedules. To learn more about Avid Total Services, please visit: www.avid.com/services.



Avid Adrenaline (shown with optional Avid DNxcel board)

To learn more—visit www.avid.com/NewsCutterAdrenaline

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