

# Velocity PRX™

## Low-Resolution Proxy Editor

EDITING // VELOCITY PRX™



Velocity PRX™ is a proxy editor based on the intuitive Velocity™ user interface. As part of the comprehensive NEXIO® global proxy system, Velocity PRX allows frame-accurate proxy editing of mirrored high-resolution content residing on the NEXIO SAN. Browsing and editing can take place even during ingest. Velocity PRX connects to the NEXIO® Browse system through a standard house LAN, allowing up to 100 editors to operate simultaneously.

### PRODUCT DETAILS

Fully MOS-compliant, Velocity PRX is a component of the NewsForce™ HD/SD news platform. The editor integrates with all popular newsroom computer systems (NRCS), including AP's ENPS® and Avid's iNEWS®. This sophisticated integration enables journalists to tie rundowns and scripts to finished edits, and time shots and voiceovers to the read rates of presenters.

Velocity PRX is used in conjunction with the time-saving NEXIO® InstantOnline III server to automatically conform finished high-resolution copies on the SAN. These finished clips are saved into existing placeholder IDs made earlier from the NRCS, at which time

### SPECIFICATIONS

Specifications are subject to change without notice.

#### Minimum System Requirements

- Intel® Core™ 2 Duo processor (2 GHz dual-core, 4 MB L2 cache, 800 MHz FSB)
- 2 GB RAM (4 GB recommended, especially for shared graphics card memory)
- 256 MB graphics card @ 1440x900 (WSXGA or WXGA+)
- 2 GB free space on hard drive
- 100Base-T or Gigabit Ethernet port
- USB ports
- 48 K, 16-bit sound card with microphone input
- Windows® XP Professional, Windows® XP Professional x64 Edition or Windows® 7

### ORDERING INFORMATION

- NXA1000PRX1 . . . . . Velocity PRX proxy editor 1-user license pack
- NXA1000PRX5 . . . . . Velocity PRX proxy editor 5-user license pack
- NXA1000PRX10 . . . . . Velocity PRX proxy editor 10-user license pack
- NXA1000PRX25 . . . . . Velocity PRX proxy editor 25-user license pack
- NXA1000PRX50 . . . . . Velocity PRX proxy editor 50-user license pack

### FEATURES

- Software-only proxy browse and frame-accurate editing
- Access to shared global proxy material on the low-res server
- Browse and edit during ingest
- NRCS integration with AP ENPS® and Avid iNEWS®, including script-based editing with audio voiceover and prompter
- Uses global proxy .mp4 wrapped H.264 video
- Selectable video bitrate of 1.5 Mb/s, 768 Kb/s or 384 Kb/s
- Encoded as 640x480 HD and 352x288/240 PAL/NTSC resolutions
- Uses 24 kHz, 16-bit AAC audio at 32 Kb/s (per pair)
- Supports up to eight pairs of audio (16 total discrete channels)
- Reads embedded NEXIO® MediaBase™ metadata for filter search and sort operations
- 100+ simultaneous editors through house LAN
- Shares same user interface with other Velocity editors
- User profile-based customizable window layout, hotkeys and settings
- Precise insert and overwrite three-point editing; intuitive drag-and-drop-style editing
- Outputs XML EDLs to NEXIO InstantOnline III™ for auto-conform to high resolution
- Projects can be opened on Velocity ESX on-SAN editor or Apple® Final Cut Pro® connected to NEXIO® FCP integration gateway
- Interactive editing and effects creation without stopping playback
- Local voiceover recording from external microphone to WAV file
- Allows inclusion of simple graphics and audio files
- Audio VU levels, mixing, fades, rubber banding, stereo panning, track patching, output routing, mute and solo
- 50 simple 2D wipe transitions, including dissolve
- Up to two video and 16 audio tracks

they are immediately available for play to air. Velocity PRX projects can also be opened and edited on the high-resolution Velocity ESX™ on-SAN editor or Final Cut Pro®, which offer enhanced layering and effects capability.

Velocity PRX uses the latest in compressed video and audio codecs to maximize system bandwidth, while ensuring frame-accurate edits when conformed back to high resolution. Cuts, wipes and dissolves can be performed on two video tracks; audio level adjustments, cross fades and rubber banding can be performed on up to 16 audio tracks.

#### Minimum Network Specifications

- 100Base-T switched Ethernet — all ports set to 100Base-T full duplex
- 100Base-T to the client workstations
- Gigabit Ethernet connection between the switch and the server
- 8 Gigabit internal bandwidth per Ethernet switch
- Category 5 cabling or better for 100Base-T Ethernet devices
- Category 6 cabling for copper Gigabit Ethernet devices
- TCP/IP protocol support for all systems including switches, routers, gateways and other network devices
- Velocity PRX client bandwidth can be calculated using two streams of 1.5 Mb/s equaling 3 Mb/s