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NEXIO® Studio Suite

Studio Production Software Application

NEXIO® Studio Suite software provides enhanced control of recording and playback for NEXIO® video servers, enabling transition to tapeless production and multichannel, synchronized playout.

The software offers an affordable path to efficient file-based workflows for studio operations, production, archive, ingest and news rundown.

Rollback Recording Functionality
NEXIO Studio Suite features a rollback recording mode, AddOn, with familiar video tape recorder (VTR) functionality. When recording live in the studio, this feature allows users to stop recording, roll back and start recording again. This completed studio recording can be conformed to a new clip or exported to a nonlinear editor.

Instant Access to Content
With NEXIO storage architecture, users can scale based on the size of their operating environment. Multiple Studio Suites can control a large number of record/play ports. NEXIO Studio Suite operators have instant access to content without having to wait for it to be copied. Editing and recording can be handled on the same shared storage, eliminating the need to copy files and minimizing turnaround times.

Superior Flexibility
Studio productions recorded through the NEXIO Studio Suite AddOn mode can be edited immediately on Velocity ESX™ and Apple® Final Cut Pro® 7 editors or rendered at high speed on the NEXIO InstantOnline™ conforming engine.

NEXIO Studio Suite Rundown and MultiCam Modes
The NEXIO Studio Suite software application is available in two packages: NEXIO Studio Suite Rundown and NEXIO Studio Suite MultiCam, each supporting four NEXIO channels with software options to provide additional channel control and functionality. Multiple NEXIO Studio Suite applications can be used simultaneously on a single NEXIO system, limited only by the number of available channels on the NEXIO server.

Features

- Runs on the operator's Windows® PC
- Controls up to 12 NEXIO record or play channels over the Ethernet
- Format independent, working with all the standard-definition and high-definition formats and codecs supported by NEXIO servers
- Manual playout of rundowns to air
- Recording of clips and editing of clip marks
- Playout loops and trailers in addition to a rundown
- Synchronized recording and playout
- Editing of sequences/assembling of TV shows in AddOn mode
- Ingesting of clips from tapes using edit decision lists (EDL)
- Archiving of clips to tape

Product Details

MultiCam Mode
In MultiCam production view, users can create a playlist for each channel by simply dragging and dropping clips. Channels can also be slaved or synchronized so playback and cueing are linked, a convenient feature when playing key and fill, or playing back multiple camera angles. It is also possible to slave record channels, for example, when recording multiple camera angles.

- Frame accurate record and playback of up to 12 channels
- Automatic clip-naming assistant
- Drag and drop playlist creation
- Individual playlist for each play port
- Optional FCP project export plug-in

Rundown Mode

The Rundown mode is designed for playout of manually generated rundowns or rundowns received from MOS-enabled newsroom systems (interface to a newsroom system requires the NXNSSMOS option). Both Rundown and MultiCam views handle playlists, but the Rundown view manages four channels in one view (A/B/C/D) and MultiCam manages channels through separate playlists.

Rundown and MultiCam views can work in parallel. For example, in a common scenario in news production, Rundown manages the playout of stories and Multicam is used to play out backgrounds, loops and teasers. The Rundown can be controlled through the NEXIO Studio Suite graphical user interface (GUI), QWERTY keyboard or via a Hi Tech Systems HT624 control panel. For redundancy, one NEXIO Studio Suite can act as master to a second slave NEXIO Studio Suite.

- Live newsroom playlist
- Up to four channels: ABCD
- Drag and drop clips from NEXIO MediaBase clip inventory into playlist
- Receive rundown from MOS-enabled newsroom computer system (NRCS)
- Save or load playlists as XML files
- Control application through GUI, keyboard or panel
- Synchronized playout and record
- Create placeholders
- Control from mixer using GPI option

AddOn Production Mode

AddOn Production Mode is designed to substitute existing tape based workflows when prerecording TV-Shows. These will often be pre-recorded "as live" to enable final editing, control over content and duration of the show. Traditionally studio productions have been recorded to tape, with the show tape available after the last scene shot or the recorded show edited in an editing suite. NEXIO Studio Suite's Add-On Production Mode combines the advantages of both these ways by enabling timeline recording and editing on the NEXIO server. The completed show is recorded as a timeline which is ready to play immediately. Alternatively it can be conformed into a single file via NEXIO's Instant on Line or edited quickly through on-SAN editors such as VelocityESX or Final Cut Pro 7.

- Unique feature for TV show production
- Synchronize two players and two recorders
- Assemble and insert editing
- Restart at any take/edit
- Simulate E-E monitoring via GPI router control
- Conform to a new clip via NEXIO InstantOnline
- Export to nonlinear editing (NLE) system, Velocity ESX and Final Cut Pro 7

Tape Ingest

With tape ingest, it is possible to ingest from videotape or create a batch ingest list. RS-422 ports are required on the PC and the NXNSSTAPECTL option. With batch ingest, a list of ingest jobs are created either on NEXIO Studio Suite or imported as an EDL or Avid® Log Exchange file.

- Manually input time codes or load Avid Log Exchange
- Single or batch ingest
- Clean head and tails
- Load and save ingest list as an XML File
- Control of up to two VTR's

Tape Archive

Even in file-based workflows, it can be necessary to archive clips to videotape, which can be done through the Tape Archive view. RS-422 ports are required on the PC and the NXNSSTAPECTL option. Tape archive allows an operator to create an archive list and have this list automatically dub clips to tape.

- Drag and drop clips from server inventory to archive list
- Automatically creates tape compilations
- Select assemble, insert or crash record mode
- Load and save archive list as an XML File

Specifications

Specifications and designs are subject to change without notice

Each NEXIO Studio Suite runs on the operator's PC with minimum specifications as follows:

- Intel® or AMD™ Dual Core (minimum 2 GHz)
- 2 GB RAM (4 GB recommended)
- DirectX 10-Accelerated Graphics Card with at least 512 MB RAM
- Up to 200 MB of available hard-disk space
- 100 Mb/s Ethernet connections for NEXIO control
- 1 or 2 RS-422 Com-Ports (adapter or card not included)
- 1 USB 2.0 port
- MS .net Framework 3.5SP1 and 4
- Microsoft Windows XP Professional, Windows 7 (32- and 64-bit) with the latest service packs

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