Nuendo 3.1

The following new features have been added in Nuendo 3.1

Video

- Audio Pull up / Pull Down
- Support for HDTV frame-rates
- Thumbnail Pre-Cache option

Network Collaboration

- Support for markers
- Online Merge functionality

Mixing

- Mixing and Monitoring of External Instruments in VST Mixer
- Copy/Paste channel settings for multiple selected channels in one go
- New Panner Mode: Equal Power
- Panner Bypass Function
- New Key Command Set for Mixer functions
- Command Target filters for Mixer functions
- Inspector sub-section for MIDI Tracks routed to a VST Insert Plug-in

Files and Formats (Import and Export)

- Exclude Media when exporting Tracks as Track Archive
- Select individual Tracks when importing a Track Archive

Recording and playback

- Smart controller reset after recording
- Recovery of audio recordings after system failure
- New precount options, sensitive to tempo and time signature changes
- Optional Sample-Rate Conversion when importing Tracks

Editing

- Freeze Function for External Instruments and FX

- Glue multiple parts with single mouse-click

- Glue all following parts on selected track

- New Crosshair-Cursor option

- Process Bars in Tempo Track

- Duplicate Track option

- Freeze MIDI Track Play Parameters

- Optimize Display when dissolving Parts

- Apply Legato to selected notes only

- Select equal Pitch > all Octaves/same Octave for all Positions

- Transpose for single or multiple Audio Events via Info Line

Project/General

- New "External Instruments" options in VST Connections

- External Instruments added to VST Instrument Rack

- Associated External Instruments Track Inspector added to MIDI Track Inspector

- Associated Audio Track Inspector added to MIDI track inspector routed to VST Insert Plug-in

- External FX/Instruments Favorites

- Advanced CPU-saving scrubbing mode

- New Appearance options: Brightness, Contrast and Saturation

- Sophisticated user-definable level meter coloring

- Automatic Track Coloring

- Incremental Auto-Save

- Track Folding: Toggle Selected Track

- Track Folding: Fold/Unfold Tracks

- Track Folding: Flip Fold States

- Resize Tracks without selecting

- OSX Performance Optimization: integrated support for MacOSX Quartz 2D graphics system

- Additional Processor Optimization: support for DualCore and Multi-Processor PC systems (systems with more than two processors)

- Safe Recovery of corrupt projects after system failure

MIDI & Music

- MIDI Output Delay Compensation for External Instruments

- Associate MIDI Device to External FX

- Associate MIDI Device to External Instruments

- Option to convert MIDI Controller Lane volume data to Track Automation volume data

Studio Connections

- Studio Connections Audio Integration

Remote

- Access Mixer Device Panels (user Panels) from Hardware Remote Controllers

Various

- Preferences: Redesigned Appearance settings panel

- New preference: Use Up/Down Navigation Commands for selecting Tracks only

- New Preference: Default Track Time Type (Audio and MIDI)

- New Preference: Auto Track Color Mode

- New Preference: Sync Project and Mixer Selection

- New Preference: Deep Track Folding

- New Preference: Enlarge Selected Track

- New Preference: Select Channel/Track on Solo

- New Preference: Select Channel/Track on Edit Setting

- New Preference: Maximum Backup Files

- New Preference: Insert Reset Events after Record

- New Preference: Chase Events – Chase not limited to Part Boundaries

- New Preference: Option to export warnings as text file

- New Preference: Warn on Processing Overloads

- New Preference: global Tail value for External Instruments and FX

- New Preference: Map Input Bus Metering to Audio Track (in Direct Monitoring)

- Single Key command to open and close Pool Window

- New Key Command to open Device for selected Track

- Appearance: User-definable intensity for active drum lane

- New Key Command to toggle status of "Select Channel/Track on Edit Settings"

The following new features have been added in Nuendo 3.0.2

- The status of the Play Order Track is now saved with the project

The following problems have been fixed in Nuendo version 3.1.1

- Video playback glitches with Decklink video cards when using PhotoJPEG encoded video

- Application crashes when dragging files from desktop to pool and project window again and again without dropping it

- Crash when opening/closing multiple projects with Studio Manager (Studio Connections) in use

- Toggle between two or more open windows using CTRL+TAB keys is not working

- Crash when playing back automation of MIDI Device Panels

- With the "Sync Project & Mixer Selection" preference option enabled, selecting all tracks with shift+click on the first and last track will only select the last mixer channel

- Crash when moving parts from inside a folder into another folder or subfolder

- Device Maps that are not recognized at project load lead to orphaned automation data

- Project freeze when toggling between normal loop and inverted loop modes

- On some Windows XP systems, a crash occurs with Multiprocessing enabled

- GUI would hang if a project is played with missing video file(s)

- Score Editor: crash when pressing "Ctrl + R"

- AES31/OpenTL/OMF start time offset, when project start time has a negative value

- OMF volume information is now correctly translated as automation instead of clip gain

- AES31/OpenTL/OMF: exporting in Pull Mode results in unusable exports

- AES31: export with midnight turnaround (range from 23:59:50:00 to 00:00:10:00 for example) can result in faulty BWF origin timestamps and event length information

- AES31: wrong offsets when BWF files are missing Origin Timestamp information

- OMF: reading of clips out of OMF sub-compositions failed

The following problems have been fixed in Nuendo 3.1

- [Mac only] Sometimes the video window is displayed in the corner of the screen, "outside" of Nuendo." Fixed with Tiger (10.4).

- Changing the default names from "External FX" to something like the name of the device is not saved in a Project made in Nuendo after re-launching.

- AAF import failure from Avid EP 4.6.

- AES31 import from Pyramix loses X-fades - this is due to a common but out-of-spec use of AES31 - it's assumed overlapping events must be crossfaded - Nuendo will import the events as overlaps when the AES31 exporting App does not use the XFade keyword

- Machine Control: 9-Pin communication problems between Nuendo and DVW-A500. 9-Pin panel displays "Timeout" state if Nuendo is connected to DVW-A500.

- Nuendo OMF-Import does not import all events, if the OMF contains a selection (found in Avid EP 4.6 OMF: alternate versions of one event = selection)

- "Open Default Project" on startup from Preferences\General has no function.

- "Can Hide" as well as narrow/wide status of channels are not correctly recalled after opening a project (this has been fixed for projects made with version 3.x).

- "Enable Auto Select" setting was not saved for Mackie Control device setup.

- If the function Pool/"Remove unused Media" is involved in a Macro, it may work unreliably.

- "Keep Notes in Range" option was broken in Transpose dialogue.

- OMF: The handle-length for events is not stored into OMF-File when "Export All to one File" and "consolidate events" option is enabled in the OMF-Export menu.

- Using "Control-Click" for the Insert-Bypass-Button of Track- Controls to list the used plug-ins will lead to crash when two projects are open and you toggle between the two projects.

- Input VU meter doesn't work on mono tracks when more than one track records from the same input bus.

- ASIO-Delay-Compensation doesn't work with some Audio Interfaces. Concerned are as far as we know ECHO Layla and Soundscape Mixtreme. Side effect: MIDI and Audio run out of Sync.

- Assigning and recording more than one input bus to several audio tracks does not work. Signal will only be recorded to one track.

- Insert a new key sig or new clef somewhere in the middle of a page. 2) Add another new key sig/clef at the beginning of the next page. = doesn't work as it should.

- A crash could happen in Score Editor after inserting Key Signatures.

- An issue was fixed when modifying plug-in settings in Offline Process.

- Arpache SX can produce hanging notes, when a recorded session is played back.

- Audio part editor: The mute tool does not work if the range tool has been used before.

- Building N-Tuplets in Score Editor could lead to crash.

- Bypass status for Insert-FX in the Mixer was sometimes not recalled as saved.

- Clef changes in Score Editor sometimes to applied to the desired Voices.

- Copied tracks showed wrong lyrics in Score Editor.

- Crash when dragging a MIDI-Event into the Input Transformer.

- Crash when importing certain Cubase 5.x Songs.

- Crash when pressing multiple transport buttons at the same time.

- Application may crash if you create automation tracks for FX tracks and then un-/reload a plug-in on that FX track.

- Different velocity values in midi parts are not recognized during playback. All events are played using the same velocity value.

- DirectX plug-ins are not disabled in the offline process menu after being deactivated in plug-in Information window.

- Display Length in Score Editor was not working.

- Dots in a dotted notes chord are not aligned.

- Drawing a ramp in Tempo Track and starting playback may lead to crash if audio warp is active.

- Drum Map settings in Score Editor sometimes not remembered.

- Each Time you close the Score-Editor, MIDI and audio drops out for a moment.

- Editing of audio events can be slow, especially if many events are warped/musical/transposed/crossfaded.

- Export Tracks / import archive ignores start times.

- Folder Track problem with copy and paste of events inside folder: Pasted

events location is shifted.

- Folder tracks don't stay selected after duplicating.

- Group of events/parts could get dissolved when "Duplicate" command was used.

- Groups within folder tracks could break the signal path (no sound).

- It was not possible to expand / collapse multiple Folders in project window.

- It was not possible to change shape of note heads in Score Editor.

- Latency shifts when using MPEX with pitch-envelope -> these shifts should be compensated by timestretching simultaneously.

- Moved notes to lower staff sometimes not aligned in Score Editor.

- MPEX Algorithm produces wrong results on events with offset (event start not at 0). E.g. cut an audio event and process the rear part.

- Multi track recording can result in freeze depending on Zoom Factor).

- Display mismatch of MIDI Insert-FX with Mackie Control display.

- Application doesn't completely quit if Hyperthreading is enabled with Dual CPU computers. Also possible crashes on loading projects.

- Application crashes after loading a project that contains a frozen VSTi Track.

- Application may crash after closing project without saving, followed by option "delete created files" = yes".

- Application may crash when changing clef on the second staff.

- Page Mode in Score Editor had problems with MIDI Step Input.

- Pool: Convert Stereo file Mono may cause crash

- Pool: Tempo information not always stored immediately with audio file.

- MIDI Pre-record does not work after beat 4 of count in.

- Pressing "Escape"-key to cancel dialogues sometimes led to undesired behavior

- Application may freeze if you remove Groups from the VST Connections window while playback is running.

- Program Changes have not been exported to MIDI file when a Patch Name list was used.

- Random crashes after project load.

- Recalling Workspaces could change Solo states of tracks.

- Score - Step Input fails if multiple parts are used.

- Score - Application may crash after undoing "Delete" of massive number of notes.

- Score: nudge a group of notes sideways changes the stem length.

- Score: Select status of notes (highlighted) is sometimes incorrect if you select notes using arrow keys.

- Several fixes for Page Layout problems in Score-Editor.

- Shuttling across video clip edits can cause lockups.

- Stems sometimes wrong after moving events form one staff to another in Score Editor.

- Symbols in Score Editor were gone after copying a part.

- Tempo symbol in Score Editor showed wrong value.

- Hide function in Score Editor sometimes did not work as expected.

- Turning monitor switch on without having physical input selected in VST connection panel could lead into instable application.

- Under certain conditions you were able to move/resize files to a negative file-length. Intermittently this even may result in crash.

- Using Game Joystick for Surround Panning can lead to freeze.

- Video (PC-only): Thumbnails are not displayed while winding, scrolling, etc. This only occurs with QuickTime video player on windows based system.

- In Nuendo 3.x the Record Latency could vary. The greater the buffer size, the higher the latency (negative value).

- Writing automation with Key Editor open could not be undone.

The following problems have been fixed in Nuendo 3.0.2

- dB law flaw: When trimming multiple event volumes, automation points or linked mixer faders the dB relation is not retained.

- Project Start time is wrong after OpenTL file is import.

- Relative automation level of multiple points is presently not correct. They retain not their logarithmic relationship.

- When using a remote control device for enabling record on tracks and starting/stopping recording on the transport at the same time the program might lock.

- AES31 doesn't wrap around midnight.

- OMF import problem from Avid 4.1.1 on MacOS 9.0.4 - Embedded audio of an OMF2 file is not imported.

- When changing the audition channel from one configuration to another (say, from 5.1 to stereo) the mixer isn't updated until you load another project. The Audition Channel is missing.

- Link Editor Preference does not work with MIDI List Editor.

- UNDO Cross fades in "Fixed Lane" recording mode can cause errors.

- Importing an OMF from Nuendo to Pro Tools results in only one created track and only one clip is placed.

- If a surround panner is open and "CTRL-W" is being used for closing the program, the program will crash.

- If fade in or fade out touches a crossfade, OMF export may fail.

- Function "Delete Time" may crash.

- "Rename" function does not work if "Date Format 1" is used.

- Using the window close button ("x") can crash the program.

- Splitting a MIDI part resets the Transpose and Velocity information in the Info Line.

- [Mac Only] Nuendo3 will crash when matrix encoder/decoder are being inserted on a 5.1 bus.

- An OMF2 file from a Paris system cannot be opened in version 3 but works well in version 2.

- Drag & Drop from Pool can create wrong channel type.

- "REX Shared Library.dll" - wrong version used.

- Track Record arming irregularities.

- In extended Mixer view, the MIDI meters don't work on narrowed MIDI channels.

- Smaller AES31 Import errors.

- Levels for Event volume and level automation can get stuck when set to –oo (minus infinity).

- Opening the Drum Editor after enabling Score drum notation leads to crash.