Nuendo 10

Version History

September 2019

Steinberg Media Technologies GmbH

Nuendo 10.2.10

List of resolved issues

The following list details resolved issues and improvements in this version:

ID #	Area	Issue
CAN-24154	Direct Offline Processing	Fixed a possible crash when applying REVerence as a Direct Offline Process.
CAN-24848	Direct Offline Processing	Improved compatibility for Antares Autotune Graph Mode when applied as a Direct Offline Process.
CAN-24861	Export	Project folder no longer gets changed unintentionally when exporting AAF files.
CAN-24780	MediaBay	Previewing Clip Packages in the MediaBay now works as expected.
CAN-24804	MixConsole	Linked Panners are now restored correctly when loading a project.
CAN-24898	MixConsole	Downmixing from immersive sound formats to stereo now includes the top speakers correctly.
CAN-21879	Plug-ins	The sound quality for VoiceDesigner when used at high sample rates has been improved.
CAN-23108	Plug-ins	The sound quality for Distroyer when used with Oversampling option active has been improved.

Nuendo 10.2

New Features

Video Export

Nuendo 10.2 introduces Video Export, which allows you to render a video file including audio. The current implementation is limited to MP4 files with H.264 video compression and stereo audio in 44,1 or 48 kHz/16 bit with AAC audio compression.

List of resolved issues

The following list details resolved issues and improvements in this version:

ID #	Area	Issue
CAN-23046	ARA	Corrected playback behaviour when using ARA processes on multiple lanes for comping.
CAN-22875	ARA	Improved responsiveness when using Melodyne via ARA on long events.
CAN-23179	ARA	Playback now works correctly using ARA Extensions with Processing Precision set to 64it float.
CAN-24013	ARA	Fixed a playback issue when using ARA Extensions on audio events with 96 kHz sample rate.
CAN-23405	Audio Connections	Audio Connections I/O Presets now update correctly when switching to another audio hardware.
CAN-23086	Audio Export	Imported MP3 audio files now appear with the correct length in the project.
CAN-22747	Control Room	Master Meter settings' strings are now translated correctly.
CAN-23399	Device Panels	MIDI Device Panels of Instrument Tracks now restore correctly when loading projects.
CAN-15065	Direct Offline Processing	DOP now retains parameter values correctly when re-applying plug-ins with Learn function.
CAN-22392	Drum Editor	Drum Maps of VSTInstruments are now saved correctly with the project file.
CAN-24124	Export	When exporting selected events, the paths are now updated correctly.
CAN-24602	Fades	Fixed an stability issue when using Auto Fade in Equal Power mode.
CAN-23973	Field Recorder	Field Recorder Audio Import no longer deletes audio files after performing an undo operation.
CAN-23716	Field Recorder	Field Recorder Audio Import user interface now resizes correctly.

ID #	Area	Issue
CAN-23133	**Freeze**	File Save confirmation dialog now prompts correctly when closing a project after having used the Freeze function.
CAN-22256	**General**	Non-latin characters are now displayed correctly.
CAN-24011	**Markers**	CSV Marker Import user interface now resizes correctly.
CAN-23188	**Markers**	The width of the attribute column in the CSV Marker Import panel has been corrected.
CAN-19882	**MediaBay**	Fix for potential application freeze when browsing MIDI Loops in MediaBay.
CAN-23675	**Metronome**	Fixed an issue where additional outputs could not be selected in the Metronome Setup window.
CAN-20076	**MixConsole**	MixConsole Visibility Agents now display their active status correctly.
CAN-22745	**MixConsole**	Copy / Paste of Instrument Track Channel Settings no longer modifies VST Instrument selection.
CAN-22652	**MixConsole**	Channel Overview now shows the correct amount of channels after using Set Channel Filter for Channel Visibility.
CAN-23260	**Note Expression**	Fixed a stability issue when working with Note Expressions.
CAN-23021	**Note Expression**	Fixed a stability issue when editing Note Expression data.
CAN-23531	**Plug-in**	The value range of Auto LFO MIDI plug-in is now restored correctly when loading projects.
CAN-22899	**Plug-in**	VST MultiPanner Front/Rear Automation lane is no longer inversed after toggling Bed and Object mode.
CAN-22663	**Plug-in**	Fixed a stability issue when using vintage Cubase plug-ins in a project.
CAN-22699	**Plug-in**	Brickwall Limiter threshold parameter now shows a correct scale.
CAN-22845	**Pool**	Pool Search mode user interface corrected.

ID #	Area	Issue
CAN-18564	Project Window	Track numbering corrected when adding tracks.
CAN-21951	Recording	Direct Monitoring input metering corrected.
CAN-23727	Recording	Record-enabling MIDI tracks no longer sends "All Notes Off".
CAN-22733	Sample Editor	Fixed a stability issue when "Create MIDI Notes" from Hitpoints was triggered twice.
CAN-12327	Sampler Track	Sampler Track now accepts improper audio files from Pro Tools.
CAN-23192	Sampler Track	Key Editor toolbar Edit Sampler Control icon is now displayed correctly.
CAN-23738	Score Editor	Score Editor handling corrected for Multi-Rests.
CAN-22599	Score Editor	Corrected chord symbols in MusicXML export.
CAN-23350	Track Presets	Extract Sound from Track Preset now works correctly for MIDI insert plug-ins.
CAN-21956	Transport	Editing Locator Range Duration values now works correctly.
CAN-22548	Transport	Editing Pre/Post-Roll and Punch In/Out values now work correctly.
CAN-23878	VST Instruments	Instrument track name is now displayed correctly when using Japanese characters.
CAN-22943	VST Instruments	Resizing HALion's user interface now works correctly for mixed resolution multi-display setups.
CAN-22387	VariAudio	Fixed an issue when using formant shifting on first VariAudio note segment produced distorted audio.
CAN-18817	Video	Improved reliability of Full Screen video playback.
CAN-22697	Video Cut Detection	Corrected behaviour of Video Cut Detection when applied to invalid selections.
CAN-22977	Video Cut Detection	Fixed a stability issue when using Video Cut Detection.

Nuendo 10.1

New Features

ARA 2 support

Nuendo 10.1 introduces support for the ARA 2 protocol. This feature can be found under the Extensions heading. There are three ways to apply ARA-capable Extensions to an audio event:

- Audio Menu > Extensions > Choose Extensions (e.g. Melodyne)

- Context Menu on Audio Events > Extensions > Choose Extensions

- Info Line in project window for selected Audio Events > Extensions > There you can either select an Extension, or you can read which Extension is already active for the selected event.

The Extension item only appears if ARA-enabled extensions have been found by Nuendo. If there is nothing on the system, you won't be able to see it in the menu.

Cue Sheet export

This new feature enables to extract information or data from a project and save it as text, mainly in form of a table or sheet, thus create a report for accounting of all music pieces, or of all VO clips of a narrator, used in the project.

Split channels

This new functionality serves to split interleaved multichannel audio files into mono files – both on referenced clips in the project and single files in the Pool.

Issues & Improvements

Audio Alignment

Audio Alignment now supports phase inverse to avoid phasing issues when automatically aligning the signal of two different sources.

- When applying Audio Alignment with the Option Prefer Time Shifting, inversed phase of the target is detected and corrected automatically. The phase inverse is applied as a real-time process.

- The Phase Inverse real-time process can also be applied manually by setting the parameter in the Info Line.

List of resolved issues

The following list details resolved issues and improvements in this version:

ID #	Area	Issue
CAN-22866	ADM	The left/right panning settings of ADM files are now imported correctly.
CAN-21868	ADR	ADR Marker window detail view now matches the general color of the application.
CAN-21994	Audio Alignment	An issue has been resolved where unintentionally applying clips to missing media files could render the application unreliable.
CAN-22464	Audio Alignment	An issue has been resolved where Audio Alignment did not work correctly on project sample rates other than 44.1 or 48 kHz.
CAN-22166	Audio Connections	Improved behavior when assigning multiple busses at once using modifier keys in the Audio Connections window.
CAN-22110	Audio Export Window	An issue has been resolved where selecting disabled items in the Audio Export window were still possible with the mouse wheel.
CAN-22488	Audio Export Window	An issue has been resolved where the Export Channel option in the Audio Export window was not preselected when changing preferences.
CAN-18473	Automation	An issue has been resolved where overwritten Automation was read incorrectly with a reduction level set to 0%.
CAN-21850	Automation	An issue has been resolved where activating Show Data on Tracks in the Automation Panel settings could render the application unreliable.
CAN-21783	Clip Packages	Export Clip Package user interface text string corrected.
CAN-16784	Control Room	An issue has been resolved where the Mixconvert Center level would automatically be set to -¥ when applying the Audio Connections Output Channels default preset.

ID #	Area	Issue
CAN-16765	**Control Room**	An issue has been resolved where the Control Room area would not be displayed correctly when toggling between projects.
CAN-22667	**Converting Tracks**	An issue has been resolved where converting tracks would not result in expected track names.
CAN-21755	**Direct Offline Processing**	An issue has been resolved where certain languages could be displayed in truncated form when working with the Normalize process.
CAN-21322	**Editing**	An issue has been resolved where the Scrub tool was not working correctly when using the editor on a secondary screen.
CAN-22295	**Editing**	An issue has been resolved where Nudging crossfades in the Quantize Panel when using Folder Track Group Editing could led to nudging events.
CAN-22307	**Expression Maps**	An issue has been resolved where scroll bars in the Expression Maps setup window were invisible.
CAN-21803	**Field Recorder Audio Import**	The text language translation of the user interface is now correct.
CAN-5757	**Hardware**	An issue has been resolved where USB MIDI connections were not automatically recovered after temporary disconnecting a device.
CAN-18359	**Hardware**	An issue has been resolved where the MIDI Device Manager would not automatically reconnect to external MIDI ports.
CAN-22272	**Hardware**	An issue has been resolved where the MIDI Reset command could reset faders on external controllers.
CAN-21860	**Metering**	An issue has been resolved where Input Bus Metering did not work correctly when Direct Monitoring was active.
CAN-18836	**MixConsole**	Improved MixConsole user interface responsiveness when expanding the EQ Rack.
CAN-19005	**MixConsole**	An issue has been resolved where the left zone of the MixConsole would reset every time the right zone was activated or switched.

ID #	Area	Issue
CAN-19367	**MixConsole**	An issue has been resolved where gain reduction meters were missing on dynamic modules in the MixConsole channel strip user interface.
CAN-21325	**MixConsole**	An issue has been resolved where combining automation of VCA master and slaves could render the application unreliable.
CAN-21408	**MixConsole**	An issue has been resolved where, after copying and pasting channel settings, existing pan settings would not be included.
CAN-22167	**MixConsole**	An issue has been resolved where assigning routing for multiple channels at once using the SHIFT modifier key could render the application unreliable.
CAN-22364	**MixConsole**	An issue has been resolved where MixConsole Quick Link was not working correctly when using EQ sliders.
CAN-22102	**Nuage**	An issue has been resolved where calling certain functions by assignable buttons on Nuage CT could render the application unreliable.
CAN-22054	**Nuage**	An issue has been resolved where modifying Nuage FD in Nuage Workgroup Manager while plug-in is being edited could render the application unreliable.
CAN-22005	**Nuage**	An issue has been resolved where opening Nuage Channel Setting Mode on certain screen resolutions could render the application unreliable.
CAN-21971	**Nuage**	VST MultiPanner elevation mode in Object Mode is now supported by the Nuage FD Screen Label Pane.
CAN-21895	**Nuage**	VST MultiPanner graphics are now shown correctly on the Nuage FD display.
CAN-21862	**Nuage**	An issue has been resolved where switching Nuage between different DAWs could render the application unreliable
CAN-16679	**Nuage**	VST MultiPanner Ambisonics mode graphical size on Nuage FD screen is now displayed correctly.
CAN-16427	**Nuage**	Improved Nuage FD support for mixed high DPI screens.

ID #	Area	Issue
CAN-21913	**Plug-in**	VST AmbiDecoder audio processing now matches the pitch rotation accurately.
CAN-21706	**Plug-in**	An issue has been resolved where VST AmbiDecoder did not receive any signal on output busses.
CAN-22088	**Plug-in**	An issue has been resolved where ModMachines's manual modulation mode took LFOs into account.
CAN-20823	**Plug-in**	An issue has been resolved where the VST AmbiDecoder could render the application unreliable.
CAN-16848	**Plug-in**	Control Room Ambidecoder now follows the selected downmix presets correctly.
CAN-21973	**Plug-in**	The visualization color of VST MultiPanner's 'Sphere' and 'Cup' elevation modes is now correct.
CAN-21392	**Plug-in Manager**	VST Plug-in Manager now allows Enabled/Disabled and Reactivate for multiple selected plug-ins at once.
CAN-22168	**Pool**	An issue has been resolved where dragging more than 5000 files between folders in the pool could render the application unreliable.
CAN-22252	**Preferences**	An issue has been resolved where the Legato Mode: Between Selected Notes Only preference was not remembered.
CAN-22421	**Preferences**	An issue has been resolved where the Connect Sends Automatically for Each Newly Created Channel setting was not working correctly on group channels.
CAN-21992	**Process Bars**	An issue has been resolved where the Reinterpret Bars function did not work as expected.
CAN-17775	**Project Window**	An issue has been resolved where converting tracks from multi-mono to interleaved format resulted in incorrect track names.
CAN-21361	**Project Window**	An issue has been resolved where confirming the prompt to switch timeline to bars/beats could render the application unreliable.
CAN-21921	**Project Window**	An issue has been resolved where an automation track inside a closed folder could not be deselected when selecting a new track.

ID #	Area	Issue
CAN-22187	**Project Window**	An issue has been resolved where replacing a track picture by dragging a file from the Finder could render the application unreliable (macOS only).
CAN-22633	**Project Window**	An issue has been resolved where opening the Auto Fade window could render the application unreliable.
CAN-22568	**Project Window**	An issue has been resolved where toggling Visibility Zones in the project window could render the application unreliable.
CAN-22008	**Project Window**	An issue has been resolved where Save and Save As key commands did not work when the HALion user interface was in front.
CAN-17789	**Remote Devices**	An issue has been resolved where Generic Remote commands could not access defined Insert plug-in slots.
CAN-22378	**Sample Editor**	An issue has been resolved where the Sample Editor Warp Marker changed to being nearly invisible.
CAN-22728	**Score Editor**	An issue has been resolved where switching Workspaces involving the Score Editor could render the application unreliable.
CAN-21896	**Score Editor**	Improved support of double dotted notes.
CAN-17498	**Stability**	An issue has been resolved where quitting Nuendo with an open pop-up window could render the application unreliable.
CAN-22221	**Stability**	Improved stability when loading projects from earlier versions.
CAN-22539	**Stability**	An issue has been resolved where certain Track Archive files could render the application unreliable.
CAN-22928	**Stability**	An issue has been resolved where converting tracks while Automatic Hitpoint creation was active could render the application unreliable.
CAN-22496	**Stability**	An issue has been resolved where opening multiple Channel Settings could render the application unreliable.
CAN-22287	**VCA**	Combining automation of VCA master and slaves now work as expected.

ID #	Area	Issue
CAN-21745	**Video Cut Detection**	An issue has been resolved where cancelling and restarting the Video Cut Detection process could render the application unreliable.
CAN-22667	**Others**	Convert Tracks now allows for using Track Info naming scheme.
CAN-22469	**Others**	A missing content license error when starting Nuendo 10 has been resolved.