

Nuendo 10

Version History

March 2021

Steinberg Media Technologies GmbH



Nuendo 10.3.10

Improvements

macOS Big Sur support

Nuendo 10.3.10 is the first version to officially support macOS Big Sur.

List of resolved issues

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

ID #	Area	Issue
CAN-34016	Game Audio Connect	It is now possible to connect to a Perforce server with SSL encryption.
CAN-34015	Game Audio Connect	The Game Audio Connect user interface is now scaled correctly in HiDPI screen resolution.
CAN-33438	Metronome	The status of the "Click during Count-In" option in the metronome setup is now remembered correctly.
CAN-33040	MediaBay	All content sets (e.g. VST sound loop set "Ambient Lounge") are now shown correctly in the Media Rack in "Loops & Samples".
CAN-34017	Reconform	Scrolling in the Reconform window no longer renders the application unresponsive.
CAN-34012	Reconform	The Reconform user interface is now scaled correctly in HiDPI screen resolutions.
CAN-34014	Rename Events from List	The Rename Events from List user interface is now scaled correctly in HiDPI screen resolution.
CAN-34013	Rename Events from List	Scrolling in the Rename Events from List window no longer renders the application unresponsive.
CAN-33908	Sampler Track	The Sampler track's Control tab no longer shows graphical glitches (macOS Big Sur only).
CAN-32042	Sampler Track	Assigning Sampler track control parameters to Quick Controls now works as expected.

ID #	Area	Issue
CAN-33431	Stability	Editing with key command presets and assignments no longer renders the application unreliable.
CAN-32207	Stability	Using key commands for "Project > Track Preset: Next" no longer renders the application unreliable.
CAN-31591	Stability	Projects using external instruments synced to MIDI Clock no longer render the application unreliable.
CAN-33428	Synchronization	Syncing external instruments via MIDI Clock and changing the project tempo no longer renders the application unreliable.
CAN-32043	VST-Instruments	Re-enabling MIDI tracks routed to Instrument tracks no longer loses their audio output assignments.
CAN-33432	Other	Scrolling with the mouse wheel works again for selecting values in the Grid, Snap and Quantize items in the toolbar.
CAN-32044	Other	Unfreezing Instrument tracks no longer leads to lost track Quick Control assignments.
CAN-33430	Other	Duplicating an already duplicated Instrument track no longer leads to no playback on that track after re-ordering the tracks in the track list.
CAN-33427	Other	Editing the Info line for audio events when another event type was also selected no longer renders the application unreliable.
CAN-33425	Other	Fixed an issue where several windows opened with an offset after the Windows 10 2004 update was installed.

Nuendo 10.3

Important Notice

The framework technology on which Nuendo 10.3 was developed is no longer fully compatible with Windows 7. If you are still using Windows 7 as your main operating system, we strongly recommend to remain on Nuendo 10.2.20 or upgrade your operating system to Windows 10.

Nuendo 10.3 will be installed alongside your existing Nuendo 10 installation instead of overwriting it. You can continue to run Nuendo 10 separately from Nuendo 10.3 if required, and once you are certain that you no longer require the older version, you can uninstall it.

New Features

Combine Selection Tools

One powerful tool makes working with objects and ranges faster.

Easier Macro creation

Improved functionality makes creating and editing macros more flexible.

MultiTap Delay

A great effect for creating spatial soundscapes and alien atmospheres.

Padshop 2

Many more possibilities for creating and editing unique sounds.

Spectral Comparison EQ

Clean up - overlaps between music, soundscapes, and dialog more accurately.

Colorized Mixer Channels

Work faster by being able to find the tracks you need more quickly.

Import Tracks From Project

Exchange data between projects more effectively by importing multiple track types and specifying attributes.

Safe Start Mode

Start Nuendo without third-party plug-ins loaded for faster troubleshooting.

MIDI Retrospective Recording

Never lose a great idea, even without record-enabling tracks.

Score Editor improvements

Improvements for faster and more accurate score creation.

Workflow improvements

Further significant improvements to enhance sound design and post-production workflow.

List of resolved issues

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

ID #	Area	Issue
CAN-19411	ADR	Recording ADR across multiple selected takes now works as expected.
CAN-24067	ARA	An issue has been resolved where ARA-edited audio events played back when opening MIDI editors with "Solo Editor" activated.
CAN-24400	ARA	An issue has been resolved where multiple ARA-processed audio events could cause a delay when listening to ARA-processed data.
CAN-24829	ARA	An issue has been resolved where ARA-edited audio events played back even when muted.
CAN-26095	ARA	Copying ARA-edited events to other tracks no longer renders the application unreliable.
CAN-25870	Ambisonics	Re-configuring channel Output Bus routing to Ambisonics Channels no longer renders the application unreliable.
CAN-28829	Ambisonics	The speaker channel order is now always correct when routing a surround signal to Ambisonics.
CAN-26867	AudioEngine	Activating "Suspend VST3 plug-in processing when no audio signals are received" no longer causes high processing load by some third party plug-ins.
CAN-24049	Audio Alignment	Undo of Audio Alignment no longer renders the application unreliable.
CAN-26537	Export Window	Data setup for "File Type Settings" in the "Export Audio Mixdown", e.g. for "Broadcast Wave Chunk", is now always remembered.
CAN-24377	Direct Offline Processing	Re-applying plug-ins with "Learn" function now retains parameter values correctly.
CAN-25094	Direct Offline Processing	Applying REVerence as an offline process no longer renders the application unreliable.

ID #	Area	Issue
CAN-25274	Direct Offline Processing	Time Stretch now allows input of 'resulting length' value.
CAN-27242	Direct Offline Processing	Using numeric parameter value input no longer renders the application unreliable.
CAN-24654	Editing	Auto Fade button when Equal Power mode was used no longer renders the application unreliable.
CAN-24743	Editing	Detect Silence now displays a progress bar while processing.
CAN-27402	Editing	Muted audio events in audio parts are now shown as muted in the Project window.
CAN-29001	Editing	Using the "Repeat Loop" function when working with "Independent Track Loop" no longer causes the application to hangs (macOS only).
CAN-29199	Field Recorder	Field Recorder Audio Import metadata search patterns are now always correct after loading a project.
CAN-27832	General	Selected file type in "Open File..." window is now remembered correctly.
CAN-24963	Import	Importing multiple audio files with varying sample rates into a project at once now works as expected.
CAN-26058	Import	Importing Tracks via Track Archives no longer loses their Expressions Maps.
CAN-26886	Import	Importing AAF files no longer renders the application unreliable.
CAN-21778	Import/Export	Clip Packages can now be previewed when imported.
CAN-25340	MIDI Plug-ins	Automation of the MIDI Gate "Bypass" parameter now works as expected.
CAN-25875	MIDI Plug-ins	MIDI CC setup in StepDesigner is now remembered.
CAN-22181	MediaBay	The stability of MediaBay when accessing NAS file servers has been improved.
CAN-23930	MediaBay	Favorites list in MediaBay is now sorted alphabetically.

ID #	Area	Issue
CAN-26648	MediaBay	Tagging media with the attribute "Bars&Beats" now works as expected.
CAN-27841	MediaBay	MIDI files with file extension ".mid" or ".midi" are now properly shown in the MediaBay.
CAN-19369	Metronome	It is now possible to select all available outputs for "Audio Click Outputs".
CAN-24787	MixConsole	Linked Send Pan position is now always restored correctly when loading a project.
CAN-24828	MixConsole	Reopening a Workspace involving the MixConsole and channel visibility list no longer renders the application unreliable.
CAN-25125	MixConsole	Quick Controls are no longer listed incorrectly in MixConsole Snapshots.
CAN-25351	MixConsole	The MixConsole context menu can now be opened in the Faders section.
CAN-25742	MixConsole	Quick Link now works correctly for Direct Routing.
CAN-25868	MixConsole	The Input Routing no longer gets lost after un-doing a recall of a MixConsole Snapshot.
CAN-26126	MixConsole	MIDI tracks are no longer listed for selecting a comparison channel in the Channel Settings window.
CAN-27323	MixConsole	Send slots assignment no longer disappears after opening a project and recalling a MixConsole Snapshot.
CAN-28058	MixConsole	The Pre/Post indicator for Insert FX slots is now recalled correctly when loaded from a Track Preset.
CAN-12238	Plug-ins	Fixed issue with inconsistent audio processing between Magneto plug-in and its Channel Strip version.
CAN-25802	Plug-ins	Side-Chain in the MultiBand Compressor now works as expected when "Live" mode is enabled.
CAN-26016	Plug-ins	The order of the effects in the VST Amp Rack and VST Bass Amp can again be changed as usually.
CAN-26309	Plug-ins	The manual mode of Frequency and Q-Factor in ModMachine plug-in now works correctly.

ID #	Area	Issue
CAN-26663	Plug-ins	The DeEsser, RoomWorks and StereoDelay plug-ins no longer show duplicate factory presets.
CAN-26848	Plug-ins	The waveform shape parameter in the Chorus and Studio Chorus plug-ins is now saved within projects.
CAN-27902	Plug-ins	Switching a filter from Peak to Notch in Frequency now processes the sound before moving a parameter.
CAN-28136	Plug-ins	The Notch filter in Frequency now works correctly when the band is set to Linear Phase mode.
CAN-24327	Pool	Converting audio files to FLAC format in the Pool no longer renders the application unreliable.
CAN-25827	Pool	Emptying the trash after removing unused media no longer renders the application unreliable.
CAN-24856	Project Window	Re-activating inactive tracks after loading a project now always restores their output routing correctly.
CAN-25083	Project Window	The Constrain Delay Compensation icon status is now always correct when loading a project.
CAN-25877	Project Window	Replacing VST instruments on tracks that are set to Mute or Solo no longer renders the application unreliable.
CAN-25089	Recording	Playing MIDI notes and using the pitch bend wheel at the same time no longer results in hanging notes.
CAN-25841	Remote Devices	Deleting the selected entry within the Generic Remote page now works as expected.
CAN-26478	Remote Devices	Adding and deleting entries within the Generic Remote page no longer renders the application unreliable.
CAN-27558	Rewire	Closing Nuendo when Rewire was being used no longer renders the application unreliable.
CAN-23624	Sample Editor	Using the FreeWarp tool in the Sample Editor with several open audio events and "Show All Selected Audio Events" activated no longer generates graphical glitches.
CAN-17372	Sampler Track	Drag&Drop of a selected range of audio from the media preview area into an empty sampler track control area now works as expected.

ID #	Area	Issue
CAN-19985	Sampler Track	Using the "Solo" mode in the Sampler Control section no longer results in silence.
CAN-25755	Sampler Track	Transferring samples from the sampler track to Padshop 2 now works as expected.
CAN-27325	Sampler Track	Exchanging projects containing Sampler Tracks across different platforms/systems no longer leads to audible artefacts or no sound at all.
CAN-27849	Sampler Track	The UI language in the Sampler Control tab is no longer different from the language set for the application.
CAN-26148	Score Editor	Score Settings > Accidentals > Enharmonic shift for entire bar no longer creates redundant accidentals.
CAN-26149	Score Editor	An issue has been resolved where inserting a note did not give acoustic feedback.
CAN-26695	Score Editor	Splitting multi-rests now works as expected.
CAN-28435	Score Editor	Ornamentation now always appears when editing several instruments.
CAN-28436	Score Editor	Fixed an issue with the "Bars" field when using "Split Multi-Rest".
CAN-28442	Score Editor	Editing Project text no longer renders the application unreliable.
CAN-25640	Stability	Opening the file selector window no longer renders the application unreliable (macOS only).
CAN-25976	Stability	Using the Render In Place function in immersive sound projects no longer renders the application unreliable.
CAN-28576	Synchronization	Set up of MIDI Clock Destinations are now correctly saved and recalled within the application.
CAN-27373	Tempo Track	Importing Tempo Track data via ".smt" file no longer corrupts the project after saving.
CAN-25244	Track Import Export	Track archives no longer lose their routing information to other channels when exported.
CAN-26093	Track Import Export	Importing tracks from large projects no longer takes longer than expected.

ID #	Area	Issue
CAN-26739	Track Import Export	VCA tracks are now also exported with track archives if VCA tracks were placed outside of their device folder.
CAN-26713	Transport	Using [Shift]+[T] for "Enter Tempo" now works correctly.
CAN-25744	User Interface	The Windows taskbar no longer hides parts of the application when the taskbar is set to top.
CAN-25797	User Interface	Color settings in Preferences > User Interface are now correctly migrated from earlier versions or recalled via Preferences presets.
CAN-26094	User Interface	An issue has been resolved where options selected in drop-down menus were not correctly shown on the UI.
CAN-27822	User Interface	Fixed various contrast issues with black text on dark backgrounds (e.g. when using macOS dark mode).
CAN-25814	VST-Instruments	The MIDI port routing no longer gets lost after enabling disabled MIDI tracks routed to VST Instruments that support multiple input ports.
CAN-26786	VST-Instruments	Removing the Reason Rack plug-in from a project no longer causes the application to hang.
CAN-27086	VST-Instruments	The routing of disabled Instrument Return Channels are now correct after loading a project and enabling them again.
CAN-27986	VST-Instruments	Clicking on the Output Bus selector for VST Instruments loaded as Rack Instruments no longer renders the application unreliable.
CAN-25576	Video	Stability and responsiveness for Video Export has been improved.
CAN-25901	Video	Video export now works correctly if the file path contains special characters (such as German umlauts).

Nuendo 10.2.20

List of resolved issues

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

ID #	Area	Issue
CAN-26509	AAF	Improved stability for importing AAF files from DaVinci Resolve.
CAN-27952	ADM	Object Panning corrected for imported ADM files.
CAN-25502	Field Recorder	Improved stability for Field Recorder Audio Import when importing a range from a file in the MediaBay.
CAN-27574	Field Recorder	Improved metadata compatibility for Poly wave files from Cantar field recorder.
CAN-26151	ARA	Solo operation when using ARA Extension now works as expected.
CAN-26410	ARA	Multiple ARA-processed audio events no longer causes a delay when listening to ARA-processed data.
CAN-26142	ARA	Improved stability for copying ARA-edited events to other tracks.
CAN-26421	ARA	The playback for muted Lanes with ARA Extension has been corrected.
CAN-26568	Editing	The handling for replacing clip content of different lengths has been corrected.
CAN-26687	MediaBay	Tagging media with the attribute 'Bars&Beats' now works as expected.
CAN-26404	MIDI	Sensel Morph control surface no longer produces hanging notes when used for MIDI input.
CAN-26394	MixConsole	The MixConsole Show/Hide Channel Racks Key Command now works as expected.
CAN-26906	Performance	Improved VST performance for certain VST3 plug-ins.
CAN-26015	Plug-in	The order of the effects in the VST Amp Rack and VST Bass Amp plug-ins can now be changed as expected.

ID #	Area	Issue
CAN-26392	Project Window	Hidden tracks are no longer unintentionally affected by multi-selection operation.
CAN-26395	Remote Devices	Generic Remote settings are now remembered correctly.
CAN-25344	Stability	Improved stability for editing events while selected for Audio Alignment.
CAN-26396	Stability	Improved stability for Audio Alignment when used with undo.
CAN-26291	Stability	Improved stability for opening the Direct Offline Processing window.
CAN-25252	Stability	Improved stability for editing Auto Fades settings.
CAN-22181	Stability	Improved stability for MediaBay when accessing NAS file servers.
CAN-25939	Stability	Improved stability for working with MixConsole Snapshots.
CAN-26404	Stability	Improved stability for MixConsole user interface operations.
CAN-26400	Stability	Improved stability for Note Expression editor window.
CAN-26407	Stability	Improved stability of Pool when deleting media from the trash.
CAN-26406	Stability	Improved stability for switching between projects.
CAN-26411	Stability	Improved stability when recalling Workspaces.
CAN-26412	Stability	Improved stability when adding tracks.
CAN-26812	Stability	Improved stability against unexpected function of the graphics card driver.
CAN-25655	Stability	Improved stability for Groove Agent and other VST instruments.
CAN-25576	Video	Improved stability and performance of Video Export.
CAN-25695	Video	Video Export now working correctly when file path contains special characters.

Nuendo 10.2.10

New Features

Event Opacity

Nuendo 10.2.20 introduces a replacement for the the missinfg “Transparent Events” feature from previous Nuendo versions.

The new Event Opacity slider regulates the transparency of the event background for audio and MIDI events and can be found in the Event Display section of Nuendo’s preferences.



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 Destroyer 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.