HALion 6
HALion Sonic (SE) 3

Version history

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Creativity First

HALion 6.1.15 / HALion Sonic (SE) 3.1.15

Improvements

The following lists all improvements in HALion 6.1.15 and HALion Sonic (SE) 3.1.15

ID #	Area	Issue
HALLY-7363	Scripting	Improved performance of deeply nested tables.
HALLY 7409	AU	Improved performance for Mac.
HALLY-7395	Macro Page	Subfolders are now accessible through the “Load From” option of the custom preset browser template.
HALLY-7411	Macro Page	Improved preset browser template for folder levels.
HALLY-7412	Engine	Improved performance of the layer alternate module for note expressions.

HALion 6.1.10 / HALion Sonic (SE) 3.1.10

Improvements

The following lists all improvements in HALion 6.1.10 and HALion Sonic (SE) 3.1.10

ID #	Area	Issue
New feature	Macro Page Editor	It is now possible to protect macro pages that are assigned to a program without the necessity to edit-protect the program. Edit-protecting a program is not recommended when exporting it as a HALion Sonic SE layer, because this prevents the user from accessing the FlexPhrasers of a layer or the effects of the layer bus.
New feature	Macro Page Editor	Protect macro pages: Activate this option to edit-protect the macro pages that are used in the library. Users who load a preset from a protected macro page cannot see or edit its structure in the Macro Page Designer. Furthermore, protected macro pages cannot be deleted or replaced. Libraries with protected macro pages require at least HALion 6.1.10 or HALion Sonic (SE) 3.1.10.
HALLY-7313	Macro Page Editor	The envelope view now has an additional property “Free End”, which can be activated if the last node should be freely movable instead of being fixed to 0.
HALLY-7341	Macro Page Editor	An issue with the connection of parameters in the context menu “Connect to Macro Page” is resolved.
HALLY-7295	General	An issue with older Intel HD graphics chips is resolved. It requires an additional registry patch which can be found at: https://helpcenter.steinberg.de/hc/en-us/articles/115000934990-User-Interface-errors-in-HALion-6-on-Windows
HALLY-7091	General	Improved performance of Pitch Bend Range when it was set by RPN message
HALLY-7318	General	Improved performance on Mac when using Velocity curve module in Custom Curve mode
HALLY-7294	Program Tree	An issue where the dropping of a layer on a focussed layer in the program tree replaced it instead of merging both layers is resolved.
HALLY-7293	Program Tree	An issue with empty names when dropping programs and layers into the program tree is resolved.
HALLY-7303	Program Tree	We added context menu entries.
HALLY-7324	MegaTrig	An issue with missing note off events is resolved.

HALLY-7280	Mono Step Modulator	Improved performance.

ID #	Area	Issue
HALLY-7312	Mono Step Modulator	An issue with scripting of starting Cubase on bar 1.
HALLY-7305	Mono Step Modulator	An issue with note values during saving is resolved.
HALLY-7133	Wavetable Editor	Improved performance of the memorizing from import path.

HALion 6.1.0 / HALion Sonic (SE) 3.1.0

Improvements

The following lists all improvements in HALion 6.1.0 and HALion Sonic (SE) 3.1.0.

ID #	Area	Issue
HAL-2620	Wavetable	It is now possible to edit the spectrum of multiple selected waves in the wavetable at the same time. Drawing in values will absolutely edit all spectrums.
HAL-3140	Wavetable	Fixed Window Size can now be used with all window types.
HAL-3379	Macro Page Editing	Text Control, Slider and Range Slider now include the new option “Read Only”. This allows them to be used as a parameter value display.
HAL-3293	Content SDK	HALion can now load HALion Sonic/SE presets in a protected mode. This enables you to modifiy HS presets and to save them in HALion while keeping the HS preset format. Please note that some editing possibilites might be blocked to protect the preset structure.
HAL-3292	Content SDK	HALion can now export presets to an arbitrary folder on the system, outside the MediaBay. The save dialog allows to specify MediaBay tags so that the preset can later be added to the MediaBay including all relevant information.
HAL-3446	Scripting	There is a new “getUndoContext” function to check if the current script execution is part of an undo or redo operation.
HAL-3450	Scripting	The “startUndoBlock” function now returns an ID for identifying the undo block. This ID can be used as second argument in later calls to “startUndoBlock” for combining the undo blocks that refer to this ID.
HAL-3404	Scripting	The arguments type and format were added to “defineParameter”.
HAL-3400	Scripting	You can now update running notes via script parameter changes. The new “runSync” function executes a function in the processor thread. By calling “runSync” in the controller thread, you can invoke a function that is executed in the processor thread.

HAL-3494	Content Creator	It is now possible to check the content for duplicates.
HAL-3365	Content Creator	HALion now keeps temporarily created pitch data used by the AudioWarp function in a temporary folder. This speeds up loading times when a preset is reloaded.
HAL-3363	Content Creator	The pitch data information can also be added to a VST Sound container when building libraries.
HAL-2105	Content Creator	HALion now allows to add public audio folder with samples to a VST Sound when building libraries. In contrast to samples in private audio folders, these samples can also be seen in HALion's sample browser.
HAL-3250	Content Creator	Thanks to the new Collaboration support for the Content Creator, you can build your own library together with other sound designers. Library files can now also easily be moved from one location to another.
HAL-3364	Content Creator	A new progress indicator shows up when the pitch analysis is working.
HAL-2663	VSTsound Manager	The installation destination for VST Sounds can now be selected.
HAL-3529	Macro Page Editing	There is a new mixer channel template in the Basic Controls Library, which can be used to control HALion buses.
HAL-3528	Macro Page Editing	The new "Layout" option in the template list control can be used to align child templates horizontally, vertically or in a two-dimensional grid. The new "Alignment" option allows to align child templates centered, left or right inside the template list cells or to fill them.
HAL-3527	General	The new tag editor can be used to view and edit the MediaBay tags of a loaded preset. The Default, Advanced, Minimized and Editors screen sets have been updated and allow you to use this editor as a secondary tab on the Program Tree view.

HAL-3526	General	A new “Browser” window set has been added that opens the browser as a new window.
HAL-3292	HS 3.1	HALion Sonic allows now to export presets to an arbitrary folder on the system outside the MediaBay. The save dialog allows to specify MediaBay tags so that the preset can later be added to the MediaBay including all relevant information.
HAL-3292	HS 3.1 und H 6.1	The new breadcrumbs control in the Browser / Export Dialog enhances the navigation in the current path.

Issues resolved

The following lists all resolved issues HALion 6.1.0 and HALion Sonic (SE) 3.1.0.

ID #		Area	Issue
HALLY-4062	H6	Browser	An issue has been resolved where the browser result list did not show the complete folder structure of the user folder.
HALLY-6016	H6	Drag and Drop	An issue has been resolved where Rex2 files could no longer be dropped onto the sample, wavetable and zone editor as they contain metadata and were not suited as a raw sample format.
HALLY-6969	H6	FlexPhraser	An issue has been resolved where the Flexphraser blocked Cubase key commands.
HALLY-3423	H6	General	An issue has been resolved where the missing files alert showed up when using “Export Multi-Program as VST 3 Preset with Files”.
HALLY-3460	H6	General	The behavior when loading HALion Sonic presets in HALion has been changed. Empty layers are no longer removed.
HAL-3513	H6	General	HALion can now be resized under Logic Pro X.
HALLY-5356	H6	General	The “Family Name” tag will now be added when saving.
HALLY-6136	H6	General	An issue has been resolved where Soundfont import for Sample Loop Mode 3 did not work correctly.
HALLY-6216	H6	General	The memory usage when re-loading projects with many HALion instances has been improved.
HALLY-6903	H6	General	An issue has been resolved where adding a sample to a layer could replace the whole layer.
HALLY-6917	H6	General	Unnecessary steps from undo history have been removed.
HALLY-6921	H6	General	An issue has been resolved where the visibility option in the program tree was not remembered when the HALion GUI was closed and reopened.
HALLY-6954	H6	General	An issue has been resolved where dragging a GM presets from the browser to the slot rack caused an unexpected exit on Mac.

HALLY-6993	H6	General	An issue has been resolved where muting a playing organ zone caused an unexpected exit.
HALLY-7015	H6	General	An issue has been resolved where playing to many voices with the organ oscillator coming from another zone type with active unison voices caused an unexpected exit.
HALLY-7074	H6	General	An issue has been resolved where closing floating windows with an active edit field caused an unexpected exit.
HALLY-7156	H6	General	An issue has been resolved where loading existing projects caused an unexpected exit on Mac.
HALLY-7201	H6	General	An issue has been resolved where velocity crossfades could produce zipper noise.
HALLY-7204	H6	General	Dezipped synth zone ring modulation level, noise level and Wavetable suboscillator pan to avoid zipper noise.
HALLY-6137	H6	Import	Sound Font import for filter mode setting is improved.
HALLY-7068	H6	Key Commands	“Paste to New Layer” is now available in key commands dialog.
HALLY-7008	H6	Key Switch Alternate	An issue with removing an expression layer has been resolved.
HALLY-7174	H6	Library Creator	The library creator now detects if a VST Sound depends on another VST Sound due to required MIDI scripts.
HAL-3419	H6	Macro Page Editor	An issue has been resolved for the removing of a line from a stringlist variable.
HALLY-6961	H6	Macro Page Editor	The available bitmap options have been adapted for multi-state switches.
HALLY-6980	H6	Macro Page Editor	The resize behavior of template list views has now been improved.
HALLY-6996	H6	Macro Page Editor	“Fit Strings” option now also works with user TrueType fonts.
HALLY-7132	H6	Macro Page Editor	The shaped option on switches where you can use sections as bitmap resource is improved.

HALLY-7069	H6	MegaTrig	An issue for missing notes with MegaTrig condition “Random” has now been resolved.
HALLY-7163	H6	MegaTrig	MegaTrig behavior for incoming MIDI note-on and note-offs with the same timestamp is now improved.
HALLY-5357	H6	Sample Editor	After clearing the plug-in instance the Sample editor doesn't show a path any longer.
HALLY-6998	H6	Scripting	An issue has been resolved where Boolean parameters use 0 and instead of true and false.
HALLY-7023	H6	Scripting	An issue has been resolved with the usage of “wait” in an “onChanged” callback.
HALLY-7108	H6	Scripting	An issue with the undo group merging for editing parameters in the parameter list has been resolved.
HALLY-7109	H6	Scripting	An issue with undo group merging and limited undo entries in the history has been resolved.
HALLY-7118	H6	Scripting	An issue when loading a lua script has been resolved.
HALLY-6918	H6	Wavetable Osc	The history entry for loading noise files has been improved.
HALLY-7173	H6/HS3	Content	The VST Sound “FCP_SMT_193_VST_Presets_04.vstsound” now reflects dependencies with other VST Sounds.
HALLY-7125	H6/HS3	Drum Player	An issue in the Drum Player with Out Note = Off has been resolved.
HALLY-6603	H6/HS3	Envelope Editor	The zoom in the envelope editor is improved while using Ctrl + scrollwheel (Win) Cmd + Mousewheel (Mac).
HALLY-6103	H6/HS3	FlexPhraser	Playback with FlexPhraser has been improved.
HALLY-7124	H6/HS3	FlexPhraser	"Fill Gaps" operation in FlexPhraser has been improved.
HALLY-6525	H6/HS3	Step Modulator	The step selection is now limited to the maximum number of steps.
HALLY-6971	HS3	General	The loading of older projects has been improved.

HALLY-7011	HS3	HS 3.1 Multi Chain	You can now switch between Multis on the Multi Chain page without jumping back to previously loaded Multis.

HALion 6.0.15 / HALion Sonic (SE) 3.0.15

Improvements & issues resolved

The following lists all resolved issues HALion 6.0.15 and HALion Sonic (SE) 3.0.15.

ID #	Area	Issue
HALLY-7007	Unison	An issue has been resolved where Zones were played detuned with unison disabled, if a unison detune value was set.

HALion 6.0.10 / HALion Sonic (SE) 3.0.10

Improvements & issues resolved

The following lists all resolved issues and improvements in HALion 6.0.10.

Improvements related to HALion Sonic (SE) 3 are marked accordingly.

ID #	Area	Issue
HALLY-6491	AAX	Possible crash in Pro Tools when deleting larger user programs
HALLY-5262	Automation	System could become sluggish when automating lots of zones at the same time
HALLY-6739	Automation/MIDI Controller	Deleting assigned MIDI CCs from the AUTO/CC tabs didn't remove assignment
HALLY-5679	Automation/MIDI Controller	Zone names were not sorted by name for Automation channels assigned to multiple zones on the Automation editor
HALLY-6740	Automation/MIDI Controller	Wrong text in message box when deleting all MIDI CCs assignments
HALLY-5863	Drum Player	Drum Player playing in a loop could randomly cause bad MIDI timing on first beat
HALLY-5200	General	Middle mouse button can be used to scroll in the Mapping and Mixer editors
HALLY-2378	General	CPU overload peak LED behavior improved (HALion, HALion Sonic and HALion Sonic SE)
HALLY-6797	General	“Export VST 3 Preset With Files” didn't work correctly if presets referred to a macro page file inside a VST Sound
HALLY-6831	General	HALion could crash Cubase when playing in a loop
HALLY-3275	General	Library selector didn't show libraries sorted by alphabet
HALLY-5270	General	When selecting slots on different MIDI channels in HALion, the Cubase Media Rack didn't follow
HALLY-6690	General	GUI update problem in Studio One 3
HALLY-5866	General	The Export VST 3 Preset with samples file dialog didn't open with the right root directory
HALLY-6366	General	Warning for unavailable outputs in Sample Recorder, Wavetable Editor and Sample Editor was missing in output selectors
HALLY-6887	General	Slot focus got lost after closing and reopening GUI
HALLY-5460	General	Mixer gain values changes shown in the history didn't exactly match the actual settings on mixer fader

HALLY-6854	General	Warp mode "Music" could lead to playback glitches
HALLY-6127	General	Changing FlexPhraser user phrases per mouse wheel didn't work on Macro Pages
HALLY-6836	General	Locate missing VST Sound could crash Pro Tools
HALLY-6632	General	Inserting a sample in between two loaded programs in the slot rack didn't automatically create/load a new program
HALLY-4602	General	Keyboard view context menu "Select key" didn't show selected zones in program tree
HALLY-6274	General	Changing the sample in Skylab created too many history entries
HALLY-6793	General	Sub-preset path for script modules was not the same on Mac and PC
HALLY-6864	General	Macro Pages of MIDI modules didn't respect the height setting as defined in the Macro Page editor, but adapted automatically depending on elements on Macro Page
HALLY-6879	General	Dropping multiple programs on the slot rack didn't always load programs to expected slots
HALLY-5399	General	Loading multiple programs via hotkey "L" from MediaBay wasn't possible
HALLY-6809	General	Possible crash in the envelope shaper when used in several programs with multicore processing enabled
HALLY-6813	General	REVerence could introduce bigger latency with larger audio buffer sizes
HALLY-6764	General	Possible crash with SysEx messages
HALLY-6782	General	Message box appears prompting to save the project before closing
HALLY-6613	General	Crash on loading in Digital Performer 9.12
HALLY-6849	General	Negative pitchbend values could be interpreted as positive values when importing foreign sampler formats
HALLY-6865	General	Pitch Bend Range couldn't be set by sending MIDI controller messages (RPNs) (HALion, HALion Sonic and HALion Sonic SE)

HALLY-5654	General	Note Expression didn't work on Sample Start in the modulation Matrix
HALLY-6469	General	Mono StepModulator GUI showed broken rezise behavior
HALLY-6868	General	VSTPreset "Big Room Shuffle 01 - 126" could not be loaded into HALion Sonic 3
HALLY-6941	General	The Waldorf filter could be selected but didn't work (HALion, HALion Sonic and HALion Sonic SE)
HALLY-6845	Library Creator	It was imposssible to cancel the library build process
HALLY-6860	Library Creator	The Library Creator didn't add samples to a VST Sound if it was referenced by a grain zones
HALLY-6859	Library Creator	The "Skip" flag for VST Sounds was ignored
HALLY-6870	Library Creator	Library Creator report window was modal and could not be closed before the report was completed
HALLY-6866	Library Creator	Library creation process was possible even with invalid or missing samples
HAL-2983	Macro Page Designer	When changing values in scrolled properties pane, the pane scrolled up
HALLY-6111	Macro Page Designer	When assigning resources the first time the popup tree should wake up with the last selected folder
HAL-3273	Macro Page Designer	Color Picker in the font properties didn't open when clicking the color field
HAL-3274	Macro Page Designer	REVerence sub-presets could not be switched via Macro Page preset selector
HALLY-6810	Macro Page Designer	Connect to Macro Page context menu command on the envelope editor always connected to Release Offset
HALLY-6819	Macro Page Designer	Possible Ccrash when trying to export an empty Macro Page
HALLY-6820	Macro Page Designer	Possible crash when resizing an empty Macro Page
HALLY-6883	Macro Page Designer	Macro Page Designer allowed to click "Export Macro Page" when no Macro Page was loaded, which led to a crash

HALLY-6861	Macro Page Designer	GUI, Template and Resource tabs could clip if sized vertically too small
HALLY-6794	Macro Page Designer	Possible crash in Macro Page Designer when using the "Select folder" button in the template browser
HALLY-5799	Mapping	The Mapping Editor showed wrong icons for Granular, Organ and Wavetable zones
HALLY-6589	Mapping	Hanging notes when changing the key range of zone while the note was playing
HALLY-6669	Mapping	"Layer to last key" in Mapping editor changed order of zones in the program tree
HALLY-6777	Media Bay	Library name could not be changed in the HALion MediaBay for imported FXP files
HALLY-6439	Mixer	When expanding mixer channels at the right edge, the expanded part of the channel was not completely visible
HALLY-6815	Parameter List	The parameter list didn't show parameters for the slice player module
HALLY-6412	Program Tree	Inserting sample zones bewteen existing zones into the Program Tree per drag and drop didn't work correctly
HALLY-6675	Program Tree	Existing sample zone could not be replaced via drag and drop from the MediaBay
HALLY-6818	Program Tree	Solo in program tree didn't work any longer after removing zones in solo mode
HALLY-6916	Program Tree	Sub-layers visually disappeared when layer was moved in the program tree
HALLY-6833	Program Tree	"Export Layer as Protected VST 3 Layer" only worked on programs and not on layers
HALLY-4615	Program Tree	Better naming when copying objects from one program to another
HALLY-5852	Program Tree	The key and velocity range columns in the program tree didn't update automatically when settings were changed in the Sound Editor
HALLY-6903	Program Tree	Adding a sample to layer could replace the complete layer
HALLY-6723	Sample Editor	Some toolbar options in the Sample Editor were not remembered when closing and reopening GUI

HALLY-5695	Sample Editor	Loopset A/B buttons in Sample Editor could be turned off both
HALLY-6383	Sample Editor	Scrollbar in Sample Editor jumped to the beginning when reaching the end
HALLY-6703	Sample Editor	Trim Sample didn't work on a selection (only on sample start to end)
HALLY-6888	Sample Editor	Clicking on "Load\Replace Sample" in the Sample Editor when slice-settings were applied could lead to a crash
HAL-3272	Sample Editor	Dropping samples on Sample Editor wasn't always possible
HALLY-6670	Sample Recorder	The destination layer was only shown during recording
HALLY-6605	Sample Recorder	The record folder default path in the Sample recorder options was wrong
HALLY-6611	Sample Recorder	If "Mapping" is set to "As played", "next key" is now greyed out
HALLY-6856	Scripting	Some script functions could lead to a crash when used from within an UI script
HALLY-6834	Scripting	Filter functions could crash, if the anonymous function had no arguments
HALLY-6328	Scripting	Script function "Assign automation" has now a scope argument
HALLY-6863	Scripting	The Output Messages section were different in the Macro Page Editor and the LUA module editor
HALLY-6889	Standalone	Audio output assignment in standalone could be set to "Not Connected" with no effect
HALLY-6147	Wavetable	The wavetable oscillator didn't behave correctly when switching from long to short noises while playing notes
HALLY-6025	Wavetable	Missing tooltip on wavetable marker
HALLY-6816	Wavetable	Changing the zone root key didn't work on wavetable zones
HALLY-6812	Manual	Link to online help not availbale in AAX version (HALion, HALion Sonic and HALion Sonic SE)

HALLY-6985	Modulation	Restoring envelope subpresets on a multi-selection of zones led to wrong settings on the non-focussed zones
HALLY-6926	Modulation	Synced zone envelopes could run out of sync with longer held notes
HALLY-6690	GUI	GUI update issue fixed