



## Vienna Ensemble PRO – Version History

Windows 7 / 32-bit and 64-bit

Mac OS X 10.8 and newer

*August 29, 2016*

### **VE PRO 6.0.15264**

- Fixed: Potential lag when starting master host transport with many connected VE Pro plug-ins
- Fixed: Possibility of preserve button on plugin not being properly synced to connected instance
- Fixed: Double-click area to edit channel title being too small
- Fixed: Dock widgets not restoring to their saved state

*August 24, 2016*

### **VE PRO 6.0.15258**

- Slightly improved VST plug-ins scanning time
- Added: Server instance title to Automation Mapping window for clarity
- Replaced plug-in raise parameter by a mappable parameter inside the server instance
- Fixed: Master host automation parameter mapping potentially offset by one index
- Fixed: AAX plug-in crashing for surround modes
- Fixed: Graphical bug in toolbar when no MIR Pro is available
- Fixed: Cubase hangs when connecting to non-existent preserved instances
- Fixed: Saving/loading of channel sets not working properly when folders are involved
- Fixed: Matrix Mixer plug-in crashing and generally not mapping delay channels correctly
- Fixed: Inability to exit VE PRO server application due to modal dialogs being present when choosing "Save".
- Fixed: Crashes when merging projects
- Fixed: VI Pro plug-in icon visible without VI Pro license present
- Fixed OS X: Slow response to Logic Pro transport play
- Added WIN: HiDPI preference to choose between up-scaling and proper HiDPI with un-scaled VST GUIs
- Fixed WIN: 32-bit application not being installed properly
- Fixed WIN: MAS plug-in not working
- Fixed WIN: Only allowing install on Windows 7 or higher
- Fixed MIR PRO: Room Tone channel not producing sound after enabling

#### MIR PRO:

- Fixed: Room Tone channel not producing sound after enabling

*August 18, 2016*

### **VE PRO 6.0.15224**

- Improved: Raise function now also restores minimized windows
- Improved: Color picker behavior
- Improved: Start/Stop playback response with Logic

- Fixed: AU plug-in not loading in deprecated hosts (Logic 9, Sibelius)
- Fixed: Broken AU plug-in surround support
- Fixed: Crash when duplicating folders with several channels inside
- Fixed: Crash when instantiating plug-in in surround with ProTools
- Fixed: Audio engine crash related to thread count settings
- Fixed: Tab/Window visibility keycommands not operating as intended
- Fixed: Missing [ESC] shortcut for toggling instrument/mixer views
- Fixed: A crash in channel pane rubberband selection
- Fixed: Broken installation on Windows 32-bit versions
- Fixed: Error displaying certain AU views of Native Instruments plug-ins
- Fixed: Large instances (>32GB) not connecting upon project recall from host
- Fixed: Crash when scanning Output "Movement" VST plug-in
- Fixed: Rare crash in audio buffer handling

#### MIR PRO:

- Improved: CPU usage
- Fixed: Application hang when switching MIRx venues
- Fixed: Only one MIR Room Tone plug-in allowed
- Fixed: MIR Wet send buses sending to seemingly random places
- Fixed: Crash in impulse loading
- Fixed: Crash in the OpenGL Widget

*August 2, 2016*

#### **VE PRO 6.0.15180**

- Introduction of a completely modernized version, please see manual for details

*February 3, 2016*

#### **VE PRO 5.4.14074**

- Improved: Mixdown performance with Cubase Asio Guard 2

#### MIR PRO:

- Fixed: Defaults for air absorption

*November 9, 2015*

#### **VE PRO 5.4.13888**

- Fixed: Crash when rapidly opening/closing Vienna Suite Pro GUI's
- Fixed: Crash when sending SysEx messages to the MAS plug-in

#### MIR PRO:

- Fixed: Crash when toggling visibility of MIR Pro EQ plug-in
- Fixed: Room Equalizer Index editing bug (when changing instruments in groups)
- Fixed: Instrument width sometimes not properly clamped (when changing instruments in groups)

*November 2, 2015*

#### **VE PRO 5.4.13881**

- Improved: Lowered resources used by insert plugin GUIs
- Fixed: Mouse-over response bugs in many 3rd party plugins

#### MIR PRO:

- Added: Air absorption simulation
- Added: New "Dry Signal Settings" section to instrument panel, "Distance Dependent Scaling" is now an instrument specific parameter.
- Added: Preference settings to set default settings for the new parameters "Simulate Air Absorption", "Distance Dependent Scaling" and "Consider Microphone Offset" for new instruments

*October 1, 2015*

#### **VE PRO 5.4.13845**

- Improved: Further significant improvement to connect/load times in complex projects in some hosts
- WIN: Fixed file names being made lower case when loading from Windows Explorer

#### MIR PRO:

- Added: MIRx presets for venue 'The Sage – Hall One'
- Added: Instrument profiles for Dimension Brass II
- Fixed: Possible fix for random crashes in MIR PRO user interface

*May 7, 2015*

#### **VE PRO 5.4.13741**

- Improved: Connection times for large projects in some hosts

- Fixed: Plug-in data not loading when opening a Digital Performer Template
- Fixed WIN: Vienna Ensemble PRO Stand-alone possibly hiding the main window when loading a project

*April 9, 2015*

#### **VE PRO 5.4.13715**

- Added: Transparent migration from VST/AU to MAS (see VE PRO 5 manual: Important Notes for Digital Performer Users)
- Added: Default MAS plug-in to Realtime (instead of Pugen) mode
- Fixed: MAS plug-in not properly going offline when disabling a V-Rack Chunk in Digital Performer
- Fixed: Incorrect latency compensation and time info in MAS plug-in
- Fixed: Potential superfluous parameter change messages being sent to master host from plug-ins
- Fixed: 'AutoGroupSelectedChannels' option (changes in preferences were not considered in VE/MIR PRO since the parameter was overwritten from a hidden control in MIR PRO preferences)
- Fixed: Instances not loading minimized (Preferences setting) if loading from master host
- Fixed OSX: Certain AU plug-ins (u-he and others) not able to automate properly over the full parameter range
- Fixed OSX: Space bar transport not working when connected to Digital Performer
- Fixed OSX: Shortened delay on space bar transport control (Start/Stop) when connected to Digital Performer, Pro Tools or Studio One

**NOTE: DP projects saved with the previous version of the MAS plug-in need to be loaded with AU/VST plug-ins disabled in DP.**

*March 5, 2015*

#### **VE PRO 5.4.13682**

- Added: AU/VST to MAS migration information message on very first loading of VE PRO Server Interface MAS plug-in. Check the new VE PRO 5 manual for a detailed description, on page 49.
- Fixed: Potential performance/stability issues of MAS plug-in
- Fixed: Potential crashes due to missing eLicenser dynamic libraries
- OSX: Properly disable App Nap for increased performance

*February 25, 2015*

#### **VE PRO 5.4.13670**

- Added: Instrument Profiles and MIRx-Mode Presets for Vienna Whistler and Vienna Solo Voices
- Added: MAS plug-in format, allowing multiple MIDI input Ports in Digital Performer 8 or higher
- Added: Option to install plug-in formats independently from installer
- Improved: Tooltip behavior for balance sliders
- Improved: Networking performance balance
- Improved: Massive speedups when loading and closing larger projects (when using multiple audio channels and AUX channels)
- Improved: VE PRO Stand-alone MIDI timing
- Improved: MIDI Clock accuracy
- Improved OS X: Logic Pro X Multipoint Template to allow for more MIDI messages. Check [MyDownloads](#) for the new Logic Pro X Template.
- Updated: VST SDK version 3.6, adding poly pressure support for VST3
- Fixed: Regression causing hang when saving in Pro Tools
- Fixed: Crashes when resetting windows in some circumstances
- Fixed: AAX plug-in scan did not work properly
- Fixed: Inconsistent GUI behavior of clicking a channel strip versus navigating with (pg)up/(pg)down keys

- Fixed: Potential hangs when loading large projects
- Fixed OS X: Space bar not starting/stopping transport when connected to PreSonus Studio One
- Fixed OS X: Broken GUI behavior of Apple AUDelay plug-in
- Fixed OS X: GUI crashes when using AmpliTube 3 AU plug-in
- Fixed OS X: Blank GUI issue of Slate Digital AU effect plug-ins

#### MIR PRO:

- Fixed MIR PRO: Slow GUI responsiveness while drag-selecting instruments
- Fixed MIR PRO: Broken microphone rotation offset undo/redo
- Fixed MIR PRO: Rare crashes during impulse response background loading

*October 16, 2014*

#### **VE PRO 5.3.13407**

- Fixed: A rare crash in server advertising
- Fixed: Stand-alone version did not support < 256 channel soundcards
- Fixed: MIRx preset name not recalled correctly on load (VI and VI PRO)
- Fixed: Automation bugs introduced in previous version.
- Added: OS X 10.10 Yosemite compatibility

*September 10, 2014*

#### **VE PRO 5.3.13333**

- Fixed: Crashes when closing a host project using MIR PRO
- Fixed: Bug in automation assignments of parameters with dynamic names
- Fixed: Some VST plug-in presets not loading

#### MIR PRO:

- Increased loading speed for MIR PRO Roompack files
- Fixed: Wrong MIR PRO instrument profile mapping for Appassionata Strings (ALL strings patches)
- Fixed: MIR PRO Stage position and size not saved with projects

*May 30, 2014*

#### **VE PRO 5.3.13240**

- Changed MIR Pro loading threads from a fixed number of threads per VE Pro instance to a global number of threads. This might prevent crashes which were caused by a large number of loading threads due to a large number of VE Pro/ MIR Pro instances
- Added: Missing output matrix when loading old output formats
- Added: Possibility to enable MIR AU/VST plug-ins in Vienna Ensemble PRO Preferences.  
Default Setting: Disabled
- Added WIN: Possibility to select instances from tray icon
- Fixed: Left, right, up, down, pageUp and pageDown keys not working
- Fixed WIN: Certain VST plugins crashing due to long preset names
- Fixed WIN: Tray icon not activating server window

#### MIR PRO:

- Added: Auto-guessing for Trumpet Bb muted/sord
- Fixed: Broken RoomEQ bank assignment
- Fixed: Auto-guessing for Oboe 1 (Viennese) and Oboe d'Amore
- Fixed: Minor fix for impulse response envelope processing

*March 18, 2014*

#### **VE PRO 5.3.13151**

- Improved reliability of server advertisement/discovery

*March 5, 2014*

#### **VE PRO 5.3.13141**

- Improved server discovery (faster and more reliable connection)
- Added: VE PRO Server Actions Menu “Disable/Enable All Cells (VI PRO)” disables/enables all cells of all VI PRO plug-ins loaded in the selected VE PRO Server
- Added: Auto-channel naming and channel color when adding MIR Pro plug-in to VE PRO channel
- Fixed: Several keyboard focus issues
- Fixed: Selection Groups behavior breaking after a project save/load
- Fixed: Some application version info mismatches

##### MIR PRO:

- Added: Instrument Profiles for Dimension Basses
- Added: Instrument Profiles for Trumpet Bb muted
- Added: Auto-guessing when adding MIR Pro plug-in to existing VE PRO channel
- Removed: Automatic numbering in MIR titles / VE Pro channel names
- MIRx Mode: If a VI is changed but Instrument Type cannot be set automatically (Percussion, etc), Instrument Profile 'MIRx General Purpose' is set, ignoring the default instrument type
- Fixed: Room Equalizer index mismatch in automation mapping
- Fixed: Grouping logic for room equalizer assignment was improved.

*January 31, 2014*

#### **VE PRO 5.3.13045**

- Fixed: parameter automation no longer working for VE PRO internal/VST/AU plugins

*January 28, 2014*

#### **VE PRO 5.3.13043**

- Fixed: CPU performance issue with MIR plugins in previous version

*January 27, 2014*

#### **VE PRO 5.3.13036**

- Fixed incorrect grouped behavior of channel bypass button
- Fixed possible crash when deleting first channel

##### MIR PRO:

- New Feature: added MIRx mode (including all sound settings of MIRx) => see separate MIRx for MIR PRO Manual.
- New Feature: added RoomEQ busses (to allow for individual wet signal settings for different signal sources)
- New Feature: automatic auto-guessing of Instrument Profiles for Vienna Instruments (VE Pro version only)
- Added Instrument Profiles for new Dimension Violas
- Fixed: incorrect selection behavior of instrument icons
- Fixed: broken Instrument Profiles for two instruments and several auto-guessing entries
- Fixed: issues with MIR/VEPro selection synchronization
- Fixed: several potential crashes

- Fixed (OS X): Rare "installation not allowed, minimum OS version required" problem

*December 6, 2013*

#### **VE PRO 5.2.12844**

- Fixed crashes when deleting connected bus channels
- Fixed potential crash when deleting a VI (Pro) instance
- OSX: Fixed server discovery not working in some cases
- OSX: Fixed rare "installation not allowed, minimum OS version required" problem
- OSX: Disabled App Nap in OS X 10.9 Mavericks

##### MIR PRO:

- Fixed potential crashes in venue widget

*October 18, 2013*

#### **VE PRO 5.2.12808**

- Fixed crashes that could occur when loading projects

##### MIR PRO:

- Fixed some Konzerthaus Organ patches not guessed to the correct instrument profile
- Fixed a crash that could happen when deleting MIR PRO plugins

*October 9, 2013*

#### **VE PRO 5.2.12800**

- Fixed possibility of missing empty insert effect slots in certain circumstances
- Fixed a crash in send slots, which could occur when loading projects
- Fixed a crash in insert effects, which could occur when loading projects
- Fixed possibility of incorrect assignment of external MIDI ports in VE PRO Server

*October 2, 2013*

#### **VE PRO 5.2.12794**

- Added shortcut "Enter" to rename current channel strip.
- Fixed a crash in insert effects, which could occur while loading projects.
- OS X: Fixed a crash in OpenGL subsystem with certain Macs

*September 27, 2013*

#### **VE PRO 5.2.12785**

- Added multi-channel insert effect operations (bypass, create... see shortcuts below)
- Added ability to click insert plug-in menu folders to select default channel configuration (without having to select Mono/Stereo options)
- Added channel color and current channel marker bar to insert effect windows
- Added/improved status bar tips for all controls
- Fixed multiprocessing threads project settings not retained in VE PRO Standalone

- Revised insert effects and sends racks on mixer strip
- Removed large (un)fold strip buttons from mixer pane in favour of multi-channel operations
- WIN: Fixed crashes when using audio interface with more than 160 inputs/outputs in standalone
- OS X: Fixed backward compatible loading of Novation Automap based AUs

#### **New shortcuts and insert behaviour:**

- Holding SHIFT when inserting/removing plug-in will apply to the same insert slot on ALL tracks.
- Holding ALT when inserting/removing plug-in, will apply to the same insert slot on SELECTED tracks.
- The same applies to Bypass. (Shift-Ctrl-Click applies to all, Alt-Ctrl-Click applies to selected tracks)
- Moving a plug-in BETWEEN two insert slots will create a complete new row of insert slots.
- When a row gets empty, the view will be optimized (the row will be removed).

#### **MIR PRO:**

- Fixed output format name not updating after saving a user preset in output editor

*September 2, 2013*

#### **VE PRO 5.1.12684**

- Added Auto-map (VE Pro 4 compatible) and Clear buttons to Automation Mapping window
- Added ability to save/load MIR Pro Equalizer presets from mixer strip context menu (right-click on the slot with the inserted EQ in your VE PRO mixer strip)
- Fixed offline bouncing not working correctly in Digital Performer 8
- Fixed SysEx not working well in many cases
- Fixed automation mapping not loading properly in some cases
- Fixed MIR instrument profile guessing for Boesendorfer Imperial patches
- Fixed update check showing on error message when checking silently
- Fixed drag-and-drop of .vframe files into Vienna Ensemble PRO Server Window
- Possibly fixed rare crashes when loading a recent project file from File menu
- WIN: Fixed installation not working on 32-bit systems

#### **MIR PRO:**

- New Feature: Microphone Flowers can now be rotated by dragging the Microphone Flower Pointer or by setting an rotation offset in the Output Panel
- Added Save, Load and Bypass buttons to included MIR PRO Equalizers
- Fixed a problem in Output Format Editor which occurred when a previously changed Output Format was saved
- Fixed a problem with stereo imaging, which occurred in setups with lateral instrument positions
- Fixed MIRacle not initializing buffers properly, resulting in artifacts

*June 26, 2013*

#### **VE PRO 5.1.12337**

- Added RTAS-AAX migration
- Fixed: surround modes not working in AAX plugin



*June 22, 2013*

#### **VE PRO 5.1.12331**

- Added full support for Pro Tools 11 (please note: AAX version now requires ProTools v10.3.5 or later).
- AAX known issues: RTAS plugins will not automatically be converted to AAX-64 plugins.
- Added context menu to plugin list in preferences to rescan a single plugin
- Minor processing optimization improvement for VI (Pro) hosting
- Fixed: preserved state not being retained properly after editing project without connection to client
- Fixed: incorrect behavior of preserved instance name dialogs
- Fixed: possible crash when hosting plugins that have a lot of output channels
- Possibly fixed: erratic behavior causing incorrect parameter linking
- WIN: Improved support for VST channel configurations, fixing Absynth 5 issues

*May 23, 2013*

#### **VE PRO 5.1.12219**

- Fixed: Rare crash of VIPro Editor when quitting from VE PRO Server.
- Fixed (WIN): Channel configuration problematic with older VST plugins, causing plugins such as Halion 3 to not work properly.
- WIN: Worked around a bug in channel configurations for Edirol Orchestral VST plugin.

*May 7, 2013*

#### **VE PRO 5.1.12195**

- Fixed: VI instances automatically converted to VIPro instances when loading metaframes
- WIN: Fixed VST Plug-in mono aux bus processing not working correctly

*April 4, 2013*

#### **VE PRO 5.1.12167**

- Fixed (introduced with 5.1.12159): VI instances automatically converted to VIPro instances when loading metaframes
- WIN: Fixed VST plug-in mono aux bus processing not working correctly

*April 1, 2013*

#### **VE PRO 5.1.12159**

- Added more versatile Merge Project dialog
- Added Ctrl-click (WIN) and Command-Click (OS X) functionality to inversely enable/disable Mute/Solo/Hide buttons
- Fixed window geometry of instances not being loaded correctly
- Fixed potential crashes when merging projects
- Fixed potential crashes when soloing channels
- Fixed incorrect placement of available instances list in Server Interface plug-in
- WIN: Improved crash dump writing behavior and information message
- OSX: Increased maximum AU output buses from 16 to 32

*February 11, 2013*

#### **VE PRO 5.1.12010**

- Added preserve and decouple control from server window
- Added proper solo function of buses (now plays any feeding sources)
- Added peak meter reset on mouse click (Ctrl-Click for reset all)
- Added preference for peak meter hold time
- Added "Force disabled cells for VIPro" preferences and menu options (Preferences / Instances / Vienna Instruments PRO)
- Added scrollbars for server list in server interface plugin
- Added preference to disable automatic update checks
- Fixed a rare crash when switching VI-VIPro GUI
- Fixed: Standalone not accepting sysex on midi input
- Fixed: Sugar Bytes VST plugins not working
- Fixed: Shortcuts not passed to host when VI or VIP plugins are in focus
- Fixed: Kontakt/Play reloading samples first time channel is selected
- Fixed: Problems listing servers from server interface plugin

*January 9, 2013*

#### **VE PRO 5.1.11947**

- Improved connection times
- Fixed: Vienna Matrix Mixer plugin phase inverting signal
- WIN: Added crash dump writing in the event of an unhandled exception
- WIN: Fixed very old VST plugin blank factory preset names
- OSX: Fixed rare cases of crashes and inability to detect available slave instances
- OSX: Truncate default host name up to the first period character

*November 22, 2012*

#### **VE PRO 5.1.11849**

- Added support for MIDI SysEx events transmission
- Fixed incorrect I/O assignments after duplicating channel
- Fixed double sending of Vienna Instruments MIDI driver data when connected locally
- Fixed possible loss of MIDI events in combination with SysEx events
- Fixed issues with loading from Server Interface plug-in to Server (Play/Kontakt in particular)
- Removed WiFi port networks from server interface slave discovery
- OSX: Fixed menus sometimes not working after load/save operation

#### **MIR PRO:**

- Fixed rare crash on engine startup
- Added support for loading factory Engine Projects from menu

*October 22, 2012*

#### **VE PRO 5.1.11716**

- Separated MIR Pro so installation of MIR Pro is required for integration
- Added AAX versions of Server Interface and Audio Input plug-ins
- Added update check functionality
- Moved recently opened project/metaframe menu items to separate menu
- Fixed new instrument channels not receiving a proper default MIDI channel

- Fixed Audio/Event Input plug-ins not working in Pro Tools
- WIN: Fixed PLAY sample loading dialog hanging in some circumstances
- OSX: Changed system requirements to minimum OS X 10.6.8 and removed PowerPC support

September 17, 2012

### VE PRO 5.1.11548

**NOTE: Channel Sets saved with this version cannot be loaded with an older VE PRO version.**

- Added ability to replace the plug-in in a plug-in channel
- Removed Channel Presets in favor of a universal and simplified Channel Sets implementation
- Fixed undo/redo of auxiliary input channel creation/removal to retain channel data properly
- Fixed memory leak when browsing for a MIDI controller as automation source
- Fixed network MIDI ports appearing twice in the connected instance
- WIN: Fixed Steinberg MixConvert VST hanging plugin scans
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#### MIR PRO:

- Added Dimension Violin and missing Download Instrument profiles
- Disallow multiple Room Tone channels at all times

August 4, 2012

### VE PRO 5.1.11262

- Added background loading progress indicator in status bar for VI, VI Pro, MIR Pro & Vienna Imperial
- Fixed loading of VE (Pro) 4 projects saved with new VI 5 integration
- Reworked network protocol for improved reliability
- Replaced old VI based key range widgets by new ones
- Changed to more intuitive behavior of decouple All button, linking to all Decouple buttons instead
- Fixed current file name changing when merging a project
- OSX: Fixed AU not working in surround in Digital Performer
- OSX: Fixed AU validation when audio outputs preference is set lower than 8
- OSX: Fixed inoperable firewall dialog preventing network connection
- OSX: Installer and applications are now compatible with Gatekeeper in Mountain Lion
- OSX: Fixed buttons not responding properly to mouse clicks when living in an undocked window
- WIN: Added support for VST's with mixed stereo/mono output buses (such as BFD2)

#### MIR PRO:

- Fixed several minor graphical errors in output format editor
- Fixed sizes of MIR EQ display

July 11, 2012

### VE PRO 5.1.10988

- Removed Directory Manager (now available from Vienna Instruments)
- Removed Library Installer (now available from Vienna Instruments)
- Added Vienna Instruments 5.2 support
- Removed legacy Vienna Instruments

- Fixed engine start/stop display not showing correctly in server instances
- Fixed issues when using "." in channel (pre)set file names
- OSX: Show less menu items for Waves AU's by grouping channel configurations
- OSX: Fixed hanging third party dialogs when loading certain AU's

#### MIR PRO:

- MIR: Fixed broken level meter on instrument icons
- MIR: Fixed a denormal problem, causing crackling at low latencies
- MIR: Added reset/load/save for engine settings
- MIR: Improved loading time of impulse responses and room tone
- MIR: Decreased per-plugin memory usage significantly
- MIR: Fixed white textures appearing instead of venue for some users

*May 14, 2012*

#### **VE PRO 5.0.10738**

- License Fixed: Special Edition DVD installation not working properly

*May 9, 2012*

#### **VE PRO 5.0.10683**

- Added ability to unselect all channels by double clicking in the channel/mixer window
- Added grouped controlling of MIR PRO wet send volume sliders
- Added "Automatically edit selected channels as a group" preference
- Added "Load Selection Group" to channel strip context menus as well
- Added secondary microphone feature to MIR PRO
- Improved scrolling behavior of Server Interface and Audio/Event Input plugin listboxes
- Improved behaviour of MIDI Clock synchronization and added smoothing/rounding preferences
- Improved Alt/Shift channel grouping behavioral consistency
- Fixed incorrect MIR PRO radiation settings of tenor trombone
- Fixed unselected channels not being fully editable when grouping is enabled
- Fixed MIR PRO venue widget strange behavior or conflicting with certain 3rd party plugin GUI's
- Fixed incorrect Plugin channel position when inserting after current channel
- Fixed rare crash when adding instrument channels
- Fixed incorrect behavior of channel (pre)set browse dialogs when cancelling
- Fixed rare MIDI port project loading bug
- Fixed grouped behavior of MIR PRO wet send output
- Fixed incorrect default output being set when adding instrument aux input channels
- Fixed Server Interface plugin restarting on loop ends in Ableton Live
- Fixed volume, balance, mute & solo parameters not loading correctly when loading a VE Pro 4 project
- Fixed MIR PRO crash when adding several instruments in rapid succession
- Fixed crash when loading an Audio Input plugin with its input bus set too high
- Fixed Selection Groups not clearing when starting a new project
- WIN: Fixed automation behavior in Ableton Live
- OSX: Fixed Matrix Mixer not being uninstalled
- OSX: Fixed unsupported stereo channel configurations being detected for AU's in some cases
- OSX: Added proper support for AU's with mixed stereo/mono output buses
- OSX: Fixed potential crashes related to MIR PRO venue widget OpenGL textures

March 29, 2012

### VE PRO 5.0.10370

- MIR Pro 24 is implemented (needs MIR PRO 24 license)
- Fixed MIR crash when host buffersize is changed upwards
- Fixed MIR impulses not always updating when modifying the output format
- Fixed crashes on undo of channel deletion
- Fixed superfluous usage of demo starts
- Removed warning dialogs popping up when MIR RoomPack licenses are missing
- Added surround to surround channel configuration to Surround Pan for passing through of C/LFE
- OS X/Logic: Fixed first MIDI note of a region not always playing in Logic
- OS X: Fixed potential crash and incorrect behavior of MIR radiation filters
- OS X: Fixed crash on launch when a MIR RoomPack license is missing
- OS X: Fixed slow reaction time of networked transport play/stop in hosts other than Pro Tools
- WIN: Added support for VST shell plug-ins and WaveShell in particular
- WIN: Fixed crashes when loading certain 32-bit VST plug-ins

March 15, 2012

### VE PRO 5.0.10309

**Note: Projects saved with this version of Vienna Ensemble PRO will not open with older versions of Vienna Ensemble PRO.**

- Fixed incorrect time synchronization from Server Interface RTAS
- Fixed VST/AU compatibility loading of Vienna Suite Powerpan plug-in
- Fixed Instrument dock window appearing empty in some cases
- Fixed hanging notes and missing events when bypassing Event Input plug-in
- Fixed Input plug-ins all muting when a single one is bypassed
- Fixed crashes when closing a project
- Fixed possibly incorrect automation mapping behavior
- Fixed crashes when loading channel (pre)sets
- Fixed inconsistent behavior of channel and send output menus
- Fixed crashes when merging projects
- Fixed rare crashes when loading a project from master host
- Added option to disable showing of channel editor upon clicking its channel strip
- Added latency display in samples and ms to Server Interface plug-in
- Overhaul of internal file format, for better maintainability
- Added ability to have no output for channels/sends
- OSX: Fixed hanging dialogs possibly occurring during AU scan
- OSX: Fixed incorrect time synchronization from Server Interface AU
- OSX: Fixed artifacts when stopping transport in Logic in some cases
- OSX: Fixed Audio Input plug-in synchronization issues in Logic
- OSX: Fixed Kontakt hanging dialog when loading channel (pre)sets
- OSX: Fixed Carbon AU views disappearing on certain events
- OSX: Improved resizing behavior of Cocoa AU views
- OSX: Fixed crash when deleting Play 3 AU

- OSX: Fixed crash when deleting Camel Audio AU's
- OSX: Fixed a lot of hanging notes when using the Logic Multiport Environment  
Unfortunately we have to confirm that Logic will drop MIDI events internally when using the Environment, which is unfortunately something we are unable to work around.  
Of course we have informed the Apple developers about this bug.  
Should you experience such issues, feel free to contact Apple support directly.
- WIN: Added separate setting for 32-bit and 64-bit VST folders

## MIR PRO

- Fixed superfluous MIR PRO restart message sometimes appearing when closing preferences
- Fixed MIR PRO output format description not showing for custom presets
- Fixed MIR PRO Room EQ not updating properly for all Room Tone channels
- Fixed MIR PRO Room Tone decoding issue with mismatched output format
- Only show MIR PRO hotspots when actually moving an instrument icon (not when just selecting it)

*January 17, 2012*

## VE PRO 5.0.10068

**Note: Projects saved with this version of Vienna Ensemble PRO will not open with older versions of Vienna Ensemble PRO.**

- Added Vienna Matrix Mixer toolkit plugin
- Added full Vienna Imperial integration (master tuning, MIR profile guess, reverb disable)
- Improved Audio/Event Input plugin synchronization stability
- Fixed random crash when touch automating parameters
- Fixed loading by double clicking a \*.viframe/\*.mframe file
- Improved musical time synchronization when connected to Pro Tools (beats, bars, tempo, looping)
- Exchanged Ctrl/Cmd & Alt modifiers when clicking send title (consistency)
- Fixed tempo not being reset to 120BPM when using MIDI Clock Sync
- Improved responsiveness of MIDI Clock Sync feature
- Added preference to disable parameter tweaking using mouse wheel
- Fixed undo/redo and touch automation of Vienna Stereo Pan slider
- Fixed channel/mixer strips not updating title display sometimes
- Added channel number to plug-in window titles for clarity
- Added "Browse..." feature to channel (pre)set load menu
- Optimized GUI performance a bit
- Improved reliability of server advertisement/discovery
- Removed "Choose Custom Location" button from AU preset save dialog
- Fixed crashes when using more than 256 audio outputs in server
- Fixed standalone not resetting song position when starting transport
- Toggle insert effect window visibility when double clicking the slot on mixer strip
- Added channel number & title to insert effects window title
- Fixed Server Interface plug-in potentially hanging when listing preserved instances fails
- OSX: Added Logic Environment support for sending other port MIDI events to Server Interface
- OSX: Fixed artifacts when bouncing offline in Logic and using parameter automation
- OSX: Fixed space bar not working to start/stop transport when connected to Pro Tools
- OSX: Fixed hanging sample loading dialogs when loading a project containing Kontakt
- OSX: Fixed Server Interface AU not processing in Finale 2012

- OSX: Fixed Play 3 crashing when deleting the channel using the Delete key
- OSX: Fixed installation potentially breaking other installed VSL products
- OSX: Fixed Voxengo SPAN AU not appearing in menu
- OSX: Fixed crashes when getting latency from some AU's before they're initialized
- OSX: Fixed hanging third party dialogs when loading AU presets
- OSX: Added version number to installation package name
- OSX: Renamed uninstaller to "Uninstall Vienna Ensemble Pro"
- OSX: Fixed Uninstall application not being properly replaced on install
- OSX: Fixed Server window looking ugly compared to Windows version
- OSX: Fixed inability to install VE Pro 4 after uninstall
- WIN: Fixed parameter automation not working in Ableton Live
- WIN: Fixed program number not saving/loading with VST plug-in data
- WIN: Removed " x64" from VST/Toolkit plug-in menu items and titles
- WIN: Fixed VST menus sometimes displaying full path
- WIN: Fixed root folder being selectable as VST folder
- WIN: Fixed some Mackie audio interfaces not working in standalone
- WIN: Avoid unnecessary scanning when closing VST Settings dialog

## MIR PRO

- Fixed crash when using a specific position in MIR Teldex Studio
- Added saving/loading of MIR Hotspots, Grid, Titles & Follow button states
- Fixed incorrect icon of Add/Insert MIR Pro Room Tone channel menu items
- Fixed incorrect MIR Instrument Profile image of Trumpet C sord
- Fixed VI Pro equalizer/reverb state not loading correctly with MIR Pro plug-in in same channel
- Fixed rare crash in MIRacle plug-in
- OSX: Fixed MIR PRO radiation filters being calculated incorrectly

*November 28, 2011*

## VE PRO 5.0.9753

- Fixed: inability to have more than 256 audio outputs in RTAS plugin
- Fixed: Library installer not adding installation directory to Directory Manager
- Fixed: OS X Library installer crashing on ending installation
- Fixed: 2 or 3 buffers (in the Server Interface) always having a latency of 4 buffers, uncompensated
- Added preference for disabling plugin latency compensation
- OSX: Fixed crashes when using the GUI of Addictive Drums AU (and possible others)

*November 25, 2011*

## VE PRO 5.0.9735

- Fixed RTAS plugin outputs muted
- MIR Pro Venue rightclick menu behavior improved
- Fixed Library updates requiring VI Pro license
- WIN: Added separate folder install for 32- and 64-bit plugins

*November 23, 2011*

**VE PRO 5.0.9687**

- Fixed connected instance going empty when saving if incoming project data behavior was set to "Always load"
- Improved information message when changing audio outputs or surround configuration preferences
- Increased maximum network latency buffers to 4
- Increased maximum network audio/MIDI channels/ports to 768/48
- Added short names for Audio/Event Input RTAS plug-ins
- Fixed incorrect channel routing when using surround with RTAS
- Fixed Directory Manager update format mismatch
- Fixed Input plugin assignment issues when duplicating VE PRO Server Interface plugin
- OS X: Fixed Rob Papen Albino AU crashing