

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
-

About TIOS 5.1.3

Resolved issues, refinements and new features:

- IN: Driver mismatch when launching Virus Control Center
-

About TIOS 5.1.2

Resolved issues, refinements and new features:

- DR: Fix for a possible crash of the MIDI driver
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About TIOS 5.1.1

Resolved issues, refinements and new features:

- DR: Updated driver for OSX and Windows
 - IN: (OSX Only) Public Beta support for OSX 10.10 Yosemite
 - VC: Addresses an issue where artifacts can be introduced with higher sampling rates
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About TIOS 5.0.8

Resolved issues, refinements and new features:

- IN: (OSX only) Support for Mavericks 10.9

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About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
- VC: Under certain circumstances some DAW related key commands stop working
- IN: Apple Logic Pro X Setup added
- SE: Under certain circumstances a slight modulation of the higher frequencies was audible when using Total Integration.

Known issues:

- Side chaining into audio instruments is currently not supported in Steinberg Cubase. This issue needs to be addressed by Steinberg.
- AAX Avid Pro Tools 11 plug-in format not supported

About TIOS 5.0.4

Resolved issues, refinements and new features:

- VC: Limited parameter automation in Ableton Live when using Audio Unit plug-in (fixed)
- IN: Revised documentation (updated Reference Manual, updated Sequencer Guides)

About TIOS 5.0.3

Resolved issues, refinements and new features:

- HI: Common parameters not available in TI Snow (fixed)

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About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version

About TIOS 5.0.2

Resolved issues, refinements and new features:

Release version.

About TIOS 5.0.1 Public Beta

Resolved issues, refinements and new features:

- VC: in Garage Band, mouse dragging always moved Plug-In window (fixed)
 - VC: in OS X 10.8., patches might be synced each time VC is opened (fixed)
 - VC: Plug-In not working after waking up from sleep mode in OS X 10.8 (fixed)
 - VC: frequency of Varislope and XFade filters not cannot be automated (fixed)
 - IN: better installation experience in OS X 10.8
 - DR: (Windows 7 64 bit) Driver crackles with certain HW configurations (fixed)
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About TIOS 5.0.0 Public Beta

Resolved issues, refinements and new features:

- SE: two additional envelope generators (added)
- SE: new effects in Filter Bank section (added)
- VC: stereo Plug-In for FL Studio 10 (added)
- IN: Virus TI Snow tutorial song for Sonar (added)
- DR (Windows): Under certain conditions, busy GUI can result in crackling (fixed)
- DR (Mac): 48k session did not open on certain Mac models (fixed)

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About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
 - VC: cursor keys did not work in Protools 9 OS X (fixed)
 - VC: some MIDI controllers did not work in Studio One/VST3 (fixed)
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About TIOS 4.5.3 Release

Resolved issues, refinements and new features:

- VC: Imageline FL Studio latency issue (fixed)
 - SE: Voice allocation problem with certain unison configurations (fixed)
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About TIOS 4.5.2 Release

Resolved issues, refinements and new features:

- VC: opening VST3 Plug-In window multiple times could crash OS X host software (fixed)
- VC: crash in Cubase on OS X when using both VST3 and VST2 Plug-In (fixed)
- VC: stability on OSX when using projects with lots of automation (improved)
- VC: only first and last value stored when recording automation in Pro Tools (fixed)
- VC: occasional crashes when changing the USB port on Mac (fixed)
- VC: Virus TI Snow Plug-In created uncompensated latency (fixed)
- VC: distorted audio on certain Mac models (fixed)
- VC: USB output settings were lost after switching off/on device (fixed)
- VC: Generation of support profiles out of Virus Control
- VC: (Mac) MIDI timing improved
- IN: Legacy manuals removed from installer.
- VCC: wrong status and version displayed when updating Virus TI
- SE: Crackling can occur with certain patches (fixed)

About TIOS 5.1.7.00

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About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
- SE: Arpeggiator Sync better with VC now
- SE: Rotary Speaker gets the signals correctly in Oscillator Split Mode
- SE: Random Generator works correctly now
- SE: Synced LFO's will run at correct timing, after you change the LFO Clock
- SE: Unison LFO Phase works correctly now
- SE: Mod Matrix assignments will not "drift in time" any more

Known issues:

- Side chaining into audio instruments is currently not supported in Steinberg Cubase.
 - Ableton Live still changes MIDI timing of tracks recorded with Virus Control instantiated.
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About TIOS 4.5.1 Release

Resolved issues, refinements and new features:

- VC: missing background of sub oscillator waveform buttons
- VC: Chorus Mix knob on Easy page not functional when using new chorus types
- VC: white ring around Chorus Mix knob missing
- VC: Patches not writable on OS X when working as non-admin user
- VC: warning message regarding side chaining did not offer the "don't show again" option
- VC: Browser search could not be reset on some hosts
- VC: saving patches to read-only libraries wrongly appeared to work
- VC: check and warning for buffer size related issues
- VC: mouse cursor did not indicate if drag&drop target could accept the dragged patch
- VC: recently saved remote templates not visible in Load menu
- IN: New Logic Pro Tutorial based on Logic 9
- IN: (Windows) Tutorial song and documentation for Cakewalk Sonar

About TIOS 5.1.7.00

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About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
- IN: (Mac) New location for user patches
- SE: Tightness of Arp timing improved
- SE: Rotary speaker underwent internal improvements
- HI: Panic also works on store pages
- HI: (Snow) Arp Mode, Input Select, Input Mode, Lfo Phase, Pan-Spread, Unison-Detune, Unison-Mode, Ringmod Volume are working again as expected

Known issues:

Side chaining into audio instruments is currently not supported in Steinberg Cubase.

About TIOS 4.5.0 Release

Resolved issues, refinements and new features:

- SE: New Choruses, Rotary Speaker and Mod Matrix Sources
- VC: improved efficiency of USB transmission protocol
- VC: Editor opening and closing time for already instanced Plug-In (improved)
- VC: Error message when no PDF reader installed (fixed)
- VC: Documentation not accessible via “?” Menu (fixed)
- VC: Create Empty Library from Patch Save menu (new feature)
- VC: Part output assignment got lost when switching Virus TI off (fixed)
- VC: LFO clock divider could not be automated (fixed) version 4.5.0.03
- VC: "Midi driver failed" error shown after Virus TI Software Suite installation (fixed)
- VC: Part level control did not show volume when hovering over it (fixed)
- VC: Some parameters not adjustable in Live tutorial song (fixed)
- VC: Old presets and projects might load with incorrect parameter settings (fixed)

About TIOS 5.1.7.00

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About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
- VC: dB text does not fit into reverb/delay knob when being larger than 7 chars (fixed)
- VC: Fixes an issue related to the latest W7 service pack
- VC: Fixes a crash with ProTools 9.0.1
- VC: Plug-In not functional after Mac went to sleep (fixed)
- HI: Improvement to hardware scanning
- HI: Cutoff 2 Knob could have the wrong name in the value readout popup.

Known issues:

Side chaining into audio instruments is currently not supported in Steinberg Cubase.

About TIOS 4.1.1 Release

Resolved issues, refinements and new features:

- HI: Improvements to knob scanning on hardware
- VC: Graphical glitches in Hypersaw oscillator representation (fixed)
- VC: Some text background was too light (fixed)
- VC: Cursor movement in patch browser resulted in multiple selection (fixed)
- VC: Improvements to text edit box in ProTools on Mac OS X (fixed)
- VC: Under certain circumstances, Virus Control runs out of display estate in W7 (fixed)
- VC: Cursor keys not functional in some hosts on OS X (fixed)

Known issues:

Side chaining into audio instruments is currently not supported in Steinberg Cubase.

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

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About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
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About TIOS 4.1.0 Public Beta

Resolved issues, refinements and new features:

- HI: Added "dB" to Delay Send and Reverb Send value representation
- HI: Parameters do not change themselves anymore
- HI: Soft knob display messages corrected
- HI: Bank MIDI dump / Arrangement MIDI dump was broken (fixed)
- HI: Possible detuning of synth engine (fixed)
- IN: Firmware update did only work on second attempt in OS X installer (fixed)
- IN: OS X installer crash when retrying firmware update after device was in use (fixed)
- IN: OS X Document alias pointed to the wrong directory
- SE: Atomizer crashes under certain circumstance (fixed)
- SE: Possible crackling with short notes and certain patch combinations (fixed)
- SE: Improved pitch bender calibration
- SE: Improvements to Input Static Mode
- SE: Tempo dependent FX do not change tempo when changing patch
- VC: Automatic software update check
- VC: Global Midi Volume now initialized correctly, when starting up VC
- VC: Knob mode could not be changed (fixed)
- VC: Native 64-bit support for OS X (added)
- VC: Search in browser could find results that did not meet search criteria (fixed)
- VC: Sluggish UI in Windows 7 (fixed)
- VC: Some parameters in Distortion and Freq Shifter were not locked with Section (fixed)
- VC: Improvements to text edit fields
- VCC: Crash when burning ROMs (fixed)
- VCC: Occasional wrong menu selection when burning to ROM (fixed)

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

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About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
- VCC: User bank symbols disappeared after 8 banks were burned (fixed)

Known issues:

- Key commands (cursor keys in browser for instance) in Protools do not work as expected.
 - Minor redraw problems in Protools.
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About TIOS 4.0.5 Release

Resolved issues, refinements and new features:

- IN: 64-bit Windows Installer now includes RTAS Plug-In
- VC: Cursor keys not working correctly in VC Patch Browser in Logic Pro (fixed)
- VC: VST3 automation not always working after loading project (fixed)
- VC: invalid output configuration window opening multiple times (fixed)
- HI: Enhanced response of User Interface, especially on Snow
- VC: Partly rewritten synchronization engine
- UM: Virus TI Setup Guide included

Known issues:

Graphic Performance under Windows 7 needs fine tuning.

Side chaining into audio instruments is currently not supported in Steinberg Cubase. The VST3 version shouldn't be used in a productive environment.

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
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About TIOS 4.0.2 Public Beta

Resolved issues, refinements and new features:

- VC: Out of time, when operating @96 kHz (fixed)
- VC: Improved behavior and performance on multicore systems
- VC: Protocols don't playback reliably with more than 1 processor assigned (fixed)
- VCC: Virus Control Center shows "Driver mismatch" in Windows 64-bit (fixed)
- VC: incorrect parameter labels in Distortion and Frequency Shifter section (fixed)
- DR: Virus audio in was distorted in Windows 64-bit (fixed)
- VC: Support for new mechanism to enable automation in Live 8.0.2
- VC: Automation map got corrupted when loading a project using the VST3 Plug-In (fixed)
- VC: Context menus causes Logic 9 to SPOD for 2 seconds (fixed)
- HI: LFO LED swapped under certain circumstances. Needs additional "hotfix" update!
- VC: Small amount of random global latency in Logic (fixed)
- HI: (Snow) Switching in between multi patches is slow (fixed)

Known issues:

Graphic Performance under Windows 7 needs fine tuning.

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About TIOS 4.0.0 Public Beta

Resolved issues, refinements and new features:

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
- SE: Six new distortion mode all featuring modeled overdrive stomp boxes from the 70s
- SE: Speaker Cabinet emulation (an Analog Boost preset)
- SE: Comb Filter in FX section (Frequency Shifters)
- SE: Vowel Filter in FX section (Frequency Shifters)
- SE: Arpeggiator can send patten into modulation matrix and act as a multi step envelope
- VC: User arpeggiator pattern can be randomised and shifted
- HI: LFO clock divider values are sorted in a more musical fashion
- HI: "Vowel", "Comb" and "Speaker" added to Soft knob Name List
- VC: Visually improved browser view
- IN: (Windows) Rollback issues have been solved
- IN: (Mac) Installer doesn't require reboot in many situations
- SE: Atomizer doesn't not work using USB side chaining
- VC: Out of Sync error after browsing patches (fixed)
- HI: LFO clock divider can be automated in every host

Known issues:

- Graphic Performance under Windows 7 needs fine tuning.

Side chaining into audio instruments is currently not supported in Steinberg Cubase. The VST3 version shouldn't be used in a productive environment.

About TIOS 3.3.2.0 Release

Resolved issues, refinements and new features:

- VC: tutorial links to FL Studio and Digidesign Protools in Help menu not working (fixed)

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
- IN: Repair Installation on Vista 64-bit did not update Virus TI firmware (fixed)
- IN: default location for 64-bit VST2 Plug-In (corrected)
- VC: graphical glitch in Remote Editor page (fixed)
- DR: Distorted sound when using side chain function as audio in (fixed)
- VC: Cubase on OS X crashed when using multiple automated parameters (fixed)
- IN: Reliability of firmware during installation improved
- VC: Removed the cause for some audio unit validation warnings (Mac)
- VC: automation in Cubase 5 64-bit/VST3 could not be edited correctly (fixed)

Known issues:

- Graphic Performance under Windows 7 needs fine tuning.

Side chaining into audio instruments is currently not supported in Steinberg Cubase. The VST3 version shouldn't be used in a productive environment.

About TIOS 3.3.0.0 Public Beta

This is a public beta which includes experimental support for Windows Vista (32 bit and 64 bit), Windows 7 (32 bit and 64 bit), MacOS 10.6 (32 and 64 bit). It shouldn't be used in a productive environment.

Supported operating systems:

Windows XP SP2 (32 bit and 64 bit), Windows XP SP3 (32 bit and 64 bit), Windows Vista (32 bit and 64 bit), Windows 7 (32 bit and 64 bit)

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version

Not supported:

Windows server versions are not supported

Limitations:

The 64 bit versions do not support RTAS

Known issues:

- Occasional crash when reInstalling or uninstalling the Virus TI Software Suite while a Virus TI is switched on and connected

Resolved issues, refinements and new features:

- DR: Audio input on Mac distorts (fixed)
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About TIOS 3.2.0.07 Public Beta

This is a public beta which among other things includes experimental support for MacOS 10.6 (Both 32 bit and 64 bit). The VST3 version shouldn't be used in a productive environment.

Resolved issues, refinements and new features:

- VC: Improved sync with Apple Logic 8 and 9
- VC: VST3 plug-ins were not saving their state reliably

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
 - HI: Tweaking Shift Osc Balance on hardware shows wrong parameter (fixed)
 - DR: Better handling of multi client audio streams on mac
 - DR: (MacOS X) Improved compatibility with Mac OSX 10.6
 - VC: Reaper (unsupported host) was crashing when VC was instantiated (fixed)
 - DR: Sound card audio can be distorted under certain circumstances (fixed, Mac OS X only)
 - VC: On some systems, parameters sporadically stop sending events (fixed)
 - VC: Automation data of VST3 Plug-In could not be edited in Cubase (fixed)
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About TIOS 3.1.0.00 Release

Resolved issues, refinements and new features:

- HI: When turning the "intensity" knob with "character" being selected in the FX section, the parameter value is shown correctly now.
 - VC: VST3 plug-ins were not saving their state reliably
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About TIOS 3.0.5.00 Public Beta

Resolved issues, refinements and new features:

- VC: Apple Mainstage lists all automatable parameters
- SE: Another possible crash when changing patches (fixed)
- VC: LFO1>Osc1/Osc2 and LFO2>Cutoff1/2 were linked (fixed)
- VC: Virus Control Amp EG Decay value doesn't change Amp EG Release Value any longer
- VC: Resonance 1 and Resonance 2 can be edited independently now.

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
 - SE: Virus can crash when switching to Virus Control while input mode preset is selected (fixed)
 - SE: A possible cause for "sneezing" (sudden reboots) found and fixed
 - VC: (Win) Protools crashes with Virus Control/Virus TI Snow (fixed)
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About TIOS 3.0.4.00 Public Beta

Resolved issues, refinements and new features:

- SE: Vocoder stops working when used with audio streaming through VC (fixed)
 - SE: Atomizer can crash or generate noise under certain circumstances (fixed)
 - VC: OS3 parameters not responding to Section Lock (fixed)
 - HI: (Virus TI Snow) MIDI In didn't work under certain circumstances (fixed)
 - SE: Static input mode didn't work as expected with Virus Control (fixed)
 - HI: Improvements to DSP health checks
 - SE: Possible crash when changing patches (fixed)
 - IN: wrong product name in Windows Vista User Account Control message (fixed)
 - VC: In VST3 Plug-Ins, all parameters are grouped in parts now and can be automated without mapping
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About TIOS 3.0.3.00 Release

3.0.3.00 is a maintenance release and is recommended for every Virus TI owner. Audio side chaining is currently not supported in Steinberg Cubase. The VST3 version shouldn't be used in a productive environment.

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version

Resolved issues, refinements and new features:

- SE: Atomizer can crash when switching in between patches (fixed)
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About TIOS 3.0.2.02 Public Beta

Resolved issues, refinements and new features:

- SE: Crash when changing FX parameters under certain circumstances (fixed)
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About TIOS 3.0.2.01 Public Beta

Resolved issues, refinements and new features:

- HI: Improved recovery of volume and other parameters after crash
 - SE: Internal improvement to memory handling
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About TIOS 3.0.1.15 Release

3.0.1.15 is a maintenance release and is recommended for every Virus TI owner. The VST3 version shouldn't be used in a productive environment.

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
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About TIOS 3.0.1.14 Public Beta

Resolved issues, refinements and new features:

- VC: mouse wheel not working in Cubase for Windows and FL Studio (fixed)
 - VC: Filter parameters are not always restored correctly (fixed)
 - VC: crash when switching pages after second VC plug-in instance has been closed (fixed)
 - VC: Plug-In UI can stays empty in large projects on Windows (fixed)
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About TIOS 3.0.1.12 Public Beta

Resolved issues, refinements and new features:

- VC: VC: doesn't open in DP6 (6.02) (fixed)
 - VC: crash during patch change or song loading (fixed)
 - SE: crash when Atomizer/InputMode with Distortion changed (fixed)
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About TIOS 3.0.1.10 Public Beta

Resolved issues, refinements and new features:

- VC: handling of multiple attached devices (improved)
- VC / VCC: detection of USB hub device conflicts (added)
- HI: After DSP Reboot the Virus remains in it's original condition and doesn't switch from Control-Mode to Single-Mode anymore

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
 - HI: "Time/Color/EQ Freq" - Knob is routed to the correct parameter in any circumstance now
 - VC: occasional clicks in Virus audio output (fixed)
 - SE: Tape Delay Feedback and Bandwidth didn't work as expected (fixed)
 - HI: Improved auto calibration of wheels (keyboard version only)
 - HI: Delay Feedback always accessible, independently of the send
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About TIOS 3.0.1.09 Public Beta

Resolved issues, refinements and new features:

- VC: AU version improved note handling
 - VC: graphical glitch in output menu of TI Snow Plug-in (fixed)
 - VCC: handling of devices not being found (improved)
 - IN: Windows installer could not be cancelled under certain circumstances (fixed)
 - VCC: handling of unknown or defective devices (improved)
 - VC: mouse wheel not working after focus switch to another window on Windows (fixed)
 - VC: defective devices could open up normally in Virus Control (fixed)
 - DR: Core audio 64 samples might show loaded cpu (fixed)
 - VC: empty window on opening VST3 Plug-In in Cubase OS X (fixed)
 - IN: Windows installer does not write log files correctly (fixed)
 - IN: (Windows) Installer runs driver installation on uninstall (fixed)
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About TIOS 3.0.1.06 Public Beta

Resolved issues, refinements and new features:

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
 - VC: volume is not recalled when loading songs or after waking virus up with connected VC (fixed)
 - VC: USB I/O config wasn't restored from preferences (fixed)
 - VC: improved wording in several messages
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About TIOS 3.0.1.05 Public Beta

Resolved issues, refinements and new features:

- VC: "direktdata.bin" file was written to the user's desktop (fixed)
 - IN: Mac PPC machines didn't install properly (fixed)
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About TIOS 3.0.1.04 Public Beta

Resolved issues, refinements and new features:

- VC: graphical glitches on OSC page (fixed)
- HI: Interpolation-Parameter is now available, if OSC1-Mode oder OSC2-Mode is set to "Wavetable" now
- HI: Dimmed LEDs do not flicker anymore
- HI (Snow): When Virus Control crashed and the Total Integration icon starts blinking, it is possible to change the mode back to Single-Mode now
- VCC: OutputSelect-Lists work properly now
- HI: The UNDO buffer is initialized properly after initialisation now
- HI: The knobs and buttons are locked properly when the DEMO SONG is playing now
- HI: "Last edit undone" and "Last Edit Redone" improved

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
- HI: Analog Boost and Stereo Widener are currently the only types which respond to parameters Intensity and Tune. This is reflected in HI correctly now.
- VC: Graphical problems in Remote template browser (fixed)
- VCC: Analog Inputs working when terminating Virus Control, even when set to "3 outputs / 1 input" just before.
- IN: Firmware update skipped sometimes during installation (fixed)
- VC: Wrong volume levels after disconnect or song load (fixed)
- VC: Recording automation in PT8 doesn't work anymore (fixed)
- VCC: TI2 got the wrong firmware (fixed)
- IN: Improved firmware update process during installation
- VC: Volumes (CC07, and others) aren't sometimes restored when switching songs (fixed)
- SE: Opening song related crash bug fixed
- VC: Vocoder hides frequency shifter in VC (fixed)
- VC: strange behaviour of balance faders in Vocoder section (fixed)
- IN: driver was not installed on certain Windows Vista installations (fixed)
- HI: Rate Reducer Old Typo in OS3 fixed
- VC: Distorted sound on reopening song when using input patch in Logic (fixed)
- VC: error message when selecting 3 output/1 input in Cubase (added)
- VC / VCC: checks if devices are in use by other applications (added)
- SE: Sysex strings output without obvious reasons (fixed)
- SE: LFO sometimes of phase (fixed)
- SE: Patches will now continue sounding after PrgChg or Module change. They are faded out on the next note event.
- SE: AllSoundsOff Chrash Bug fixed (That is the crash when VC is closed)
- -ER: Character volumes unified (modified by 1 or 2 decibel)

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

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** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
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About TIOS 3.0.0.0 Public Beta

3.0.0.0 is a feature release and is recommended for every Virus TI owner. Details on the new features can be found in the software addendum and user manual.

About TIOS 2.7.5.0

2.7.5 is a feature and maintenance release and is recommended for every Virus TI owner.

Resolved issues, refinements and new features:

- SE: Stuck notes when switching from single to multi mode while playing (fixed)
- DR: (Mac) Suspend kills Virus Control connected (fixed)
- SE: Input was mono on odd parts in multi mode (fixed)
- IN: Vocoder and input patch examples added to default patch set midi files
- VC: Crash in ProTools when TI is switched off (fixed)
- VC: Visual warning when USB packages arrive to late at hardware
- HI: Stuck notes when using TIK/Polar/Snow MIDI Out (fixed)
- VC: ProTools: multiple parameter changes when tweaking e.g. Pan in partbar (fixed)
- VC: Snow plug-in showed parameters for 16 parts instead of 4 (fixed)
- SE: Clicks on stop of sequencer while dist. is on rectifier or hi/low pass (fixed)
- VC: Section Locking did not lock LFO Clock and Rate (fixed)
- DR: Improved behaviour and performance with 64 samples on Mac
- VC: improved warning message on I/O configuration problems
- HI: "Interpolation" shows up as a wavetable oscillator parameter
- VC: Polski language in OS X made Logic crash when instantiating VC (fixed)

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
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About TIOS 2.7.3.0

Resolved issues, refinements and new features:

2.7.3 is a feature and maintenance release and is recommended for every Virus TI owner.

- HI: Exporting single sounds from multi works again (3rd attempt)
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About TIOS 2.7.2.0

Resolved issues, refinements and new features:

- IN: Vocoder and input patch examples added to default patch set midi files
- VC: Part Priority can be set now in Virus Control
- VC: Patch Volume and Panorama can be automated now
- CC: Backup was broke in version 2.7.1 beta 5
- HI: Multi mode parameters were unaccessable when in sequencer mode (TI Snow only)
- HI: Exporting single sounds from multi works again
- VC: Numeric value input improved
- CC: More robust against data transmission failures
- CC: More visual feedback when task complete
- HI: There is a Master Tune Parameter available in the CONFIG-Menu now.
- HI: Visual feedback when resetting Virus TI Snow
- HI: EASY Filter Page works as expected now, when Cutoff-Link is set to "Off"
- HI: improved display of simultaneous knob movements
- HI: Randomize trigger function now available in Snow

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
- HI: Atomizer-Play-Page keys don't produce stuck notes
- CC: Greatly improved speed of backup functionality
- SI: Fixed crash in mac installer caused if user attempted to re-enter firmware update pane
- CC: Hang fixed in burn to ROM screen
- VC: Ableton Live crashes when using hardware knobs (fixed)
- VC: Documentation for FL Studio updated (Using PDC in FL Studio 7)
- VC: Virus Control does not load on Protools Windows (fixed)
- IN: improved safety of the firmware update (mac/win)
- SE: Patches can crackle when having long release phases (fixed)
- SE: MIDI soft thru now works as expected
- IN: Firmware update could stall at the end of the update (fixed)
- VC: pitching artefacts on patches with delay with live mode enabled (fixed)
- VC: Patch Browser shows graphic errors (fixed)
- VC: 88.2/96kHz support broken (fixed)
- VC: crackles can occur when Virus is not soundcard (fixed)
- HI: MIDI-Out stopped working under certain circumstances
- VC: Virus Control does not load on Protools Windows (fixed)
- VC: Documentation for FL Studio updated (Using PDC in FL Studio 7)
- VC: Improved response with certain hosts
- IN: PC: "Repair" installations won't reflash a correctly written TIOS
- VC: Virus Control behaves sluggish and puts to much load on the CPU
- HI: Export patch from multi mode into single mode works again
- SE: Atomizer beat counter enabled (see atomizer manual for details)
- HI: Snow: Atomizer play mode page doesn't show when VC is active
- SE: No sound after closing VC (fixed)
- SE: Atomizer will crash under certain circumstances (fixed)
- SE: Polar keyboard does not generate note with velocity 127 (fixed)
- SE: Snow Mod Matrix: Bend Down is functioning as Bend Up (Fixed)

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
 - VC: Fluctuating or hanging notes in Cubase SX3 (fixed)
 - VC: Initialization stucks directly after opening Virus Control
 - HI: The LFO Rate knob changes it's assignment to the selected LFO in an appropriate time now, when selecting an other LFO out of the destination pages.
 - VC: When changing amplifier decay in VC, amp release changes as well (fixed)
 - VC: Part mute no longer delayed in some cases
 - HI: For OSC1 and OSC2 the parameters F-Shift, F-Spread, Interpolation and Local-Detune are added to the Softknobs-Destination-List.
 - HI: Parameter "Reverb/Clock" is now limited to the correct value-range of "Off", "...", "3/4". Values "1/1", .., "16/1" have been illegal.
 - HI: Transpose-Keys are now enabled, when in Remote-Mode
 - HI: Within the search dialog it is possible to control the CATEGORY you search withinrable using the PARAMETER keys now
 - VC: synced patches not always correctly saved (fixed)
 - VC: Possible graphical glitches in patch browser and other areas (fixed)
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About TIOS 2.7.0.37 Public Beta

2.7.0 is a feature and maintenance release and is recommended for every Virus TI owner.

Resolved issues, refinements and new features:

- Support for Virus TI Snow
- Support for multiple Virus TI on one machine
- 26 ROM Banks (content can be changed using Virus Control Center which will be included with a future update)
- 3 USB outputs
- A new effect called Atomizer

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
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About TIOS 2.5.1

2.5.1 is a feature and maintenance release and is recommended for every Virus TI owner.

Resolved issues, refinements and new features:

- SE: Sound engine can produce crackling with certain patches (fixed)
 - SE: Arpeggiator quantises incoming notes to 1/16 again
 - VC: Improvements for automation with Cubase 4
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About TIOS 2.5.0 Public Beta

2.5.0 is a feature and maintenance release and is recommended for every Virus TI owner.

Resolved issues, refinements and new features:

- VC: Digidesign RTAS compatibility
- VC: Microsoft Vista compatibility
- VC: Low latency mode (Live Mode)
- VC: Relative volume of all parts is now adjusted if ALT key is pressed
- DR: (Windows) ASIO panel resets itself to normal when VC is being used (fixed again)
- VC: Original Value shouldn't show Patchname in Browser page (fixed)
- VC: possibly loosing song settings when no hardware is connected (fixed)
- VC: Render warning dialog no longer shown while freezing/bouncing nonVC tracks
- VC: User can lookup patch's origin in search results
- IN: added Remote Templates for Moog Voyager RME and DSI Evolver
- VC: crash whilst browsing sounds (fixed)

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
 - VC: reduced CPU usage in audio processing
 - VC: cracks and pops during audio under certain conditions (fixed)
 - VC: Switching the performance setting in the ASIO panels fails sometimes when using VC (fixed)
 - VC: Sound stops immediately on Sequencer stop
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About TIOS 2.0.5

2.0.5 is a maintenance release and is recommended for every Virus TI owner.

Resolved issues, refinements and new features:

- VC: Changing the latency setting does not work sometimes (fixed)
 - VC: Automation does not work with softknobs on hardware UI (fixed)
 - VC: Import bank dumps from virus b into ti unreliable (fixed)
 - DR: (MacIntel) driver clipped @0dB or higher in output channel (fixed)
 - VC: (Windows) System performance could not be set in ASIO panel (fixed)
 - VC: Softknobs now write transparent data as expected
 - VC: Possible crashbug in patch browser (fixed)
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About TIOS 2.0.3

2.0.3 is a maintenance release and is recommended for every Virus TI owner.

Resolved issues, refinements and new features:

About TIOS 5.1.7.00

Resolved issues, refinements and new features:

- Release Version for macOS and Windows.

** HIGH SIERRA USERS: You need to enable the Virus driver in Preferences after a fresh install. **

About TIOS 5.1.6.05

Resolved issues, refinements and new features:

- IN: RTAS support broke in previous version
- VC: Opening multiple songs or large projects can result in no audio communication (fixed)
- VC: Under certain circumstances Virus TI assumes wrong sampling rate (fixed)
- VC: Updated versions of Audio driver on Mac and PC
- VC: Help Menu and tutorial videos included
- VC: First note of Arp pattern in Live was always out of sync (fixed)
- VC: Additional remote templates for TC Mercury, Juno 106 and Proteus 2000
- SE: Sometimes SPDIF channels were swapped