

### About TIOS 2.7.1.0

version 2.7.1.0

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- 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 Protocols 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 Protocols 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 too 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)
- 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 within using the PARAMETER keys now
- VC: synced patches not always correctly saved (fixed)
- VC: Possible graphical glitches in patch browser and other areas (fixed)

### About TIOS 2.7.0.37 Public Beta 1

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

#### What's included?

This update offers many improvements, including the following, which apply to both Mac and PC version unless otherwise noted:

- 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 2.5.1

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

#### What's included?

This update offers many improvements, including the following, which apply to both Mac and PC version unless otherwise noted:

- 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

### About TIOS 2.5.0 Public Beta

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

#### What's included?

This update offers many improvements, including the following, which apply to both Mac and PC version unless otherwise noted:

- 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 losing song settings when no hardware is connected (fixed)
- VC: Render warning dialog no longer shown while freezing/bouncing non-VC 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)
- 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

### About TIOS 2.0.5

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

#### What's included?

This update offers many improvements, including the following, which apply to both Mac and PC version unless otherwise noted:

- 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)

2.0.4 was an internal release

### **About TIOS 2.0.3**

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

### **What's included?**

This update offers many improvements, including the following, which apply to both Mac and PC version unless otherwise noted:

- 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

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