

# Neat Video 3

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## ABSoft introduces the next generation of its noise reduction filter for digital video

EINDHOVEN, NL, Aug 25 – Neat Video team, ABSoft, is pleased to introduce the 3rd generation of its noise reduction solution for digital video. The new major version of the noise filter inherits and refines the top quality and efficiency traditionally delivered by Neat Video: it works several times faster and delivers better results.

Neat Video 3 incorporates improved temporal processing algorithms that better preserve details in filtered video data improving the overall visual quality. The adaptive filtration mode is now more precise as well, further increasing the accuracy of the filter.

Neat Video 3 adds support for CUDA, typically providing x2 acceleration over CPU-only systems (speedup factor may vary depending on specific CUDA GPU). Performance optimizations throughout the core algorithms increase the rendering speed even on CPU-only systems. CUDA-based acceleration and algorithm optimizations combined together can provide x2-x4 faster rendering as compared with Neat Video 2.

The family of Neat Video plug-ins is also extended in version 3 with a new member: OpenFX plug-in for Linux.

## Background

Since the beginning of the digital video era, digital noise and grain in digitized film have always been unwelcome parts of digital footage because of the imperfect physical nature of the underlying light-capturing processes. While the hardware manufacturers have always been trying to improve these processes, Neat Video software is designed to work with already captured noisy footage. Neat Video greatly improves the visual quality of such footage by reducing the objectionable noise and grain while preserving the true details.

Neat Video has been initially introduced to the market in 2005 and quickly became the preferred solution for high-quality video noise reduction thanks superior results delivered by the filter. Neat Video is now used by many videographers all over the world as the tool to turn noisy footage into clean and neat video.

Neat Video combines the best-in-class intra-frame noise filter, which reduces noise and grain in each individual frame, with an intelligent temporal noise filter, which further reduces any remaining imperfections by using data from several adjacent frames. Working closely together, these two Neat Video filters reduce more noise and better preserve actual details than any individual filter.

## Pricing and Availability

Neat Video 3 is available as plug-ins for

- Premiere Pro and Premiere Elements (Windows and Mac OSX)
- After Effects (Windows and Mac OSX)
- Final Cut Pro, Motion, Final Cut Express (Mac OSX)
- OpenFX-compatible hosts: Fusion, Nuke (Windows, Mac OSX, Linux)
- Vegas Pro, Sony Vegas Movie Studio (Windows)
- Pinnacle Studio (Windows)
- VirtualDub (Windows)

32-bit and 64-bit builds are available. Intel- and PowerPC-based Macs are supported.

Neat Video plug-ins come in two editions: Home (US\$49.90) and Pro (US\$99.90 / US\$199.90):

- Home edition supports up to HDV (1280x720) resolutions and renders in standard-bitdepth precision;
- Pro editions supports any frame size (up to full HD, 2K, 4K and larger) and can render in high-bitdepth precision.

Custom bundles of two or more versions of Neat Video as well as multi-user licenses are available with volume discounts.

## Upgrading from older versions

Licensed users of older versions of Neat Video can upgrade to the latest Neat Video 3 with a discount.

For more information please visit <http://www.neatvideo.com>