



Toon Boom Studio *Fact Sheet*

The Leading Animation Software Solution for Individuals

Toon Boom Studio is the most widely used animation software solution by individuals, professionals, educators and hobbyists alike. Users can easily create quality animations for video, web sites, television, games, mobile devices, e-learning applications and more.

Toon Boom Studio V3.5 enables users to animate with more power and ease, bringing significant improvements to animation techniques, special effects creation and color palette management. In addition, V3.5 offers a more user-friendly interface with a Welcome Screen and Help wizards as well as timeline improvements. With each release, Toon Boom Studio is injected with new advanced features that help users make the most of their talents and their time.



What's New in V3.5?

- Over 30 improvements to boost your productivity
- New wizards to get you started faster
- Improved user interface for a more intuitive experience
- Dynamic special effects to create richer animation
- Greater interoperability for a more flexible workflow



Create Content

Developed by animators for animators, Toon Boom Studio offers intuitive and easy-to-use drawing tools. In addition to onion-skinning features, a customizable grid, auto gap-closing and much more, Toon Boom Studio's powerful color palette system is a great timesaver and enables users to set up multiple palette styles.

Create Camera Moves

Unlike any other software tools, Toon Boom Studio uses a camera in a virtual 3D environment to set the action. Become a director and create stunning visual effects in seconds by setting up multiple cameras and using the camera, side and top views.

Build a Template Library

Organize, save and re-use all assets and animations with the Toon Boom Studio Template Library. Easy to use, the Template Library can contain all kinds of media files like movies, photo collections, artwork from leading software packages including SWF, AI, PDF, PSD, JPEG, TGA and GIF file formats and much more.

Animate

It's simple to set up a scene in Toon Boom Studio. It takes only seconds to populate a scene with templates, using drag-and-drop and sceneplanning tools. Create an animation automatically with Toon Boom Studio's powerful animation peg system.

Save time with automated lip sync

Toon Boom Studio is the only software for creative minds that offers fully automated lip syncing capabilities. Unlike other animation products, Toon Boom Studio analyzes sound files and is completely language independent. Just import the sound file and click the lip sync button to get the job done.

Publish

Toon Boom Studio creates high quality animation for the Web, iPods, PDAs, cell phones, TV, and HDTV, supporting the leading export formats including SWF, QuickTime, PDF, AVI, DV Streams, and image sequences.

Toon Boom Studio V3.5 Feature List

Content Creation

- Pressure sensitivity for variable width lines
- Digital light table
- Contour editor tool Improved**
- Free Transform tool
- Skew tool
- Sketching and cleaning tools
- Convert lines to brush New**
- Select Scene Operator Improved**
- Drop Shadows New**
- Different pen settings for Pen and Eraser New**
- Scissors tool
- Text tool
- Cutter tool
- Standard drawing and shape tools
- Onion skinning
- Outline onion skinning New**
- On/Off onion skinning New**
- Rotary light table
- Standard field chart for cartoon animation
- Bitmap vectorization
- Scanner support
- Drawing in 3D scene planning
- Erasing with graphic tablet and digital pen
- OpenGL anti-aliasing New**

Ink & Paint

- Unlimited color palettes
- Unlimited number of colors per palette
- Ability to name and organize color swatches
- Import and export palettes New**
- Automatic update of painted zones with palette changes
- Color Transform tool (Flatten option) Improved**
- Palette styles Improved**
- Templates color management New**
- Copy paste texture and gradients mapping New**
- Global palette tinting
- Auto gap closing tools
- Painting with bitmap textures

Lip Sync

- Automatic lip chart generation from voice tracks
- Automatic mapping of lip charts to lip drawings

Sound Synchronization

- Support for multiple soundtracks
- Fade envelopes
- Precision synchronisation of sound to frame and time
- Master volume control
- Sound streaming
- Sound scrubbing from the Timeline

3D Layout and Camera

- 3D layout and motion paths for animation elements
- Animated elements New**
- Simplified peg system New**
- Multiplane camera moves and effects
- 3D velocity profiles
- Color transformation and clipping effects
- Copy frame properties to any key frame
- Improved visualization and manipulation of key frames from the Timeline

General User Interface

- Welcome Screen Wizard New**
- Simplified and improved timeline New**
- Unified user interface
- Velocity editor button in properties window New**
- Guide for straight actions New**
- Project dialog window with presets New**
- Simplified and improved Export window New**
- Enhanced dialog windows New**
- Tablet user friendly buttons New**
- Undo / redo buttons New**
- Minimize application when rendering New**
- File import menu option New**
- Double click actions New**
- Real-time playback
- Animation-standard exposure sheet, with support for cycle creation
- Multi-layered timeline
- Multiple undos

Toon Boom

Studio

Reuse

- Global and local templates for reuse in any animation
- Cell-swapping
- Support for all major multimedia files as templates
- Template preview and editing
- Export movie clips as media links for smaller file size

Import Filters

- Animation: Macromedia Flash SWF
- Vector: AI (Adobe Illustrator), PDF
- Bitmap: BMP, TGA, GIF, JPEG, PICT, SGI, PSD...
- Sound: WAV, AIFF, MP3

Export

- Macromedia Flash SWF
- QuickTime
- QuickTime with alpha, sound
- PDF New**
- Color palette export in Flash files
- DV Stream
- AVI
- Image Sequences

Peripheral Support

- WACOM compatible tablet
- Any device (scanner, digital camera) with TWAIN support



System Requirements

- Power Macintosh G5, G4 (Minimum) or Intel® Core™ processors with Mac OS X v10.4.x (Tiger)
- 800 MHz Intel Pentium III processor (Minimum) with Microsoft Windows 2000 or XP
- 512 MB Ram (Recommended), 256 MB (Minimum)
- 120 MB of available hard disk space
- 24 bits color display with 64 MB (Recommended) or 8 MB (Minimum) video RAM, capable of 1024 x 768 resolution
- Wacom Tablet (Recommended)

Check out the Toon Boom Studio 3.5 FREE tutorials as well as the related eLearning tools, including the Workout Series exercises, the Professional Templates and How to Articles

Feature Comparison

	Harmony	Opus	Solo	Studio
Networking Capabilities	Multi-user	Multi-user	Stand-alone	Stand-alone
File Management	Advanced	Advanced	Basic	Basic
Scanning	Advanced	Advanced	Basic	Basic
Digital Drawing	Advanced	Basic	Advanced	Medium
High tech drawing tools (morphing, IK, glue)	Yes	-	Yes	-
Animation Libraries (re-use)	Yes	-	Yes	Yes
Interactive X-Sheet	Yes	Yes	Yes	Yes
Timeline	Advanced	Basic	Advanced	Basic
Lip Sync	Yes	-	Yes	Yes
Ink & Paint	Advanced	Advanced	Advanced	Basic
Scene Planning	Advanced	Advanced	Advanced	Medium
Compositing	Advanced	Advanced	Advanced	Basic
Special FX	Advanced	Advanced	Advanced	-
Multi-format output	TV, HDTV, Film, Video, Web	TV, HDTV, Film, Video	TV, HDTV, Film, Video, Web	TV, HDTV, Video, Web

About Toon Boom Animation Inc.

Toon Boom Animation Inc. is the worldwide leader of animation software solutions. Winner of the 2005 Primetime Emmy® Engineering Award, Toon Boom Animation carries entry level and high-end animation software solutions for film, television, web, games, mobile devices and training applications, and provides consulting services related to production workflow and productivity. Toon Boom clients range from major studios creating Hollywood blockbuster animated films to individual animators creating their first masterpieces. Market-leading studios using Toon Boom's products include Nelvana, Warner Bros., Mercury Filmworks, China Central Television, Toonz Animation India, Starbust Animation, Answer Studio, Alphanim, Cosgrove Hall, Cromosoma and Lanterna Magica, to name a few. Toon Boom Animation is committed to delivering quality, efficiency and reliability to the animation community - for all animation styles, formats and users.