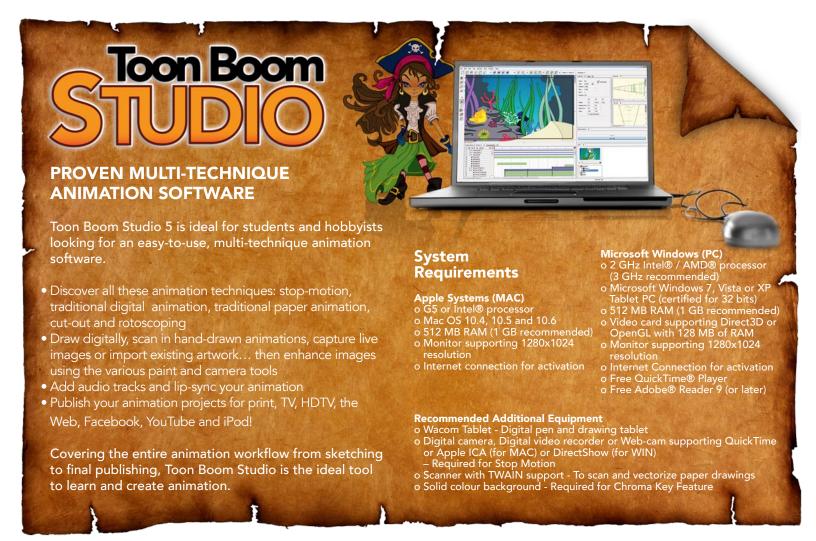
Toon Boom STUDIO

PROVEN MULTI-TECHNIQUE ANIMATION SOFTWARE

Experience the Infinite Possibilities of Animation • Create remarkable Stop-motion animation o Programmable time-lapse imagery o Chroma Key screens • Enhanced User Interface • Easy export directly to YouTube or Facebook Annotation Layers **User Profiles** • Ideal for Students • Perfect for teachers and educational institutions • A must for creative hobbyists **Key Benefits** • Easy-to-learn and use with new visually enhanced user guide • Develop your talents using the various techniques included Add creative animation to home videos and school projects Education Annotation layers for effortless feedback • Multi-discipline project based curriculum stimulates learning and motivates students



DETAILED FEATURES Features listed in orange are now available in version 5

Content Creation

- Time-lapse Imagery
- Live View Image Capture
- Chroma Key Screens (Green/Blue Screen)
- Onion Skinning in Stop-motion preview
- Rotoscoping ability in Stop-motion preview window
- Supports live-action cartooning
- Supports rotoscoping
- Feather edges Line styles
- Photograph animation
- Alpha onion skinning
- Pressure sensitivity for variable width lines Digital light table
- Contour editor tool
- Free transform tool
- Skew tool
- Sketching and cleaning tools
- Convert lines to brush
- Select scene operator
- Drop shadows
- Different pen settings for pen and eraser Scissors tool
- Text tool Cutter tool
- Standard drawing and shape tools Onion skinning
- Outline onion skinning
- Rotary light table Standard field chart for cartoon animation
- Bitmap vectorization
- Scanner support

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- Drawing in 3D sceneplanning
- Erasing with graphic tablet and digital pen
- OpenGL anti-aliasing

Toon Boom Headquarters

Import Files

- Import QuickTime videos with sound
- Support for Photoshop layers
- Support for Illustrator layers
- Import and vectorize with textures
- Import and vectorize preview
 Import Flip Boom and Animation-ish projects
- Animation: Adobe Flash SWF Vector: AI (Adobe Illustrator), PDF
- Bitmap: BMP, TGA, GIF, JPEG, PICT, SGI,
- Sound: WAV, AIFF, MP3

Palettes and Colour

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

General User Interface

- Colourful sleek icons Annotation Layers
- Easy drag and drop capability
- Improved Bitmap Optimization during Playback
- Accessible export window
- Clear dialog windows
- · Flexible docking user interface

- Powerful workspace management
- Fast actions combo box Welcome screen wizard
- Explicit timeline
- Unified user interface
- Velocity Editor button in properties window
- Guide for straight actions
- Project dialog window with presets Tablet user friendly buttons
- Undo/redo buttons
- Minimize application when rendering
- File import menu option
- Double-click actions
- Real-time playback
- Animation-standard exposure sheet, with support for cycle creation Multi-layered timeline
- Multiple undo's

3D Layout and Camera 3D layout and motion paths for animation elements

- Animated elements
- Animation peg system
- Advanced motion paths Multiplane camera moves and effects
- 3D velocity profiles
- Colour transformation and clipping effects
- Copy frame properties to any key frame Clear visualization and manipulation of key frames from the timeline

Lip-sync

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

Reuse

- Save individual project elements, videos and animations in the library
- 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

Sound Synchronization

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

Publishing

- directly to YouTube & Easy upload Facebook
- Print drawings to create flipbooks or use as a
- Export directly to iTunes and YouTube
- Export snapshot Flash pre-loaders
- HTML embedding Adobe Flash SWF
- QuickTime with alpha, sound PDF
- Color palette export in Flash files
- DV Stream
- Image sequences

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