

Animation unlimited.

INTRODUCING



ANIMATE

ANIMATION UNLIMITED

PRO

Toon Boom Animate Pro is the most complete professional animation software for cutting-edge animators. It offers award-winning state-of-the-art content creation, animation and compositing toolset for any style of animation, all within a single desktop application.

Animate Pro combines superior vector technology, real-time animation tools and nodal compositing to simplify the creation of complex effects.

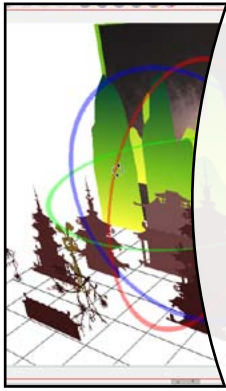
With its easy-to-use interface, non-destructive and resolution independent workflow, featuring a new and unique 3D space environment Animate Pro delivers incredible power at an economical price.

High-Performance Professional Animation Software



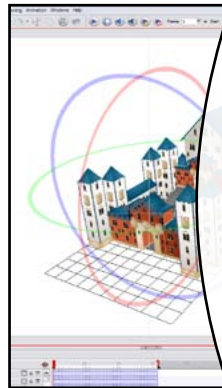
3D Stereoscopic

Combined with true vision, Animate Pro is the only application that enables you to have left and right cameras set from different points of view to achieve 3D stereoscopic results. Flying through your scene adjusting speed in real-time makes you want to dive in your own animated world and enjoy the ride.



True Space

Animate Pro comes with a powerful camera tool that enables you to move your 2D objects in a full 3D environment. Enjoy the beauty of the built-in multiplane camera as you effortlessly set up your action in real-time while sitting comfortably in the director's chair.



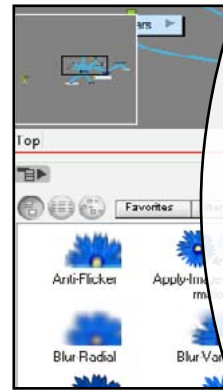
True Vision

Animate Pro offers cameras with full 3D rotation. Build a multiplane stage with different depths, and watch as it automatically produces a real perspective effect when you move the camera. The ability to create breathtaking cinematographic quality scenery is right at your fingertips.



Artist Inside

Animate Pro is the only software capable of combining vector animation with textured pixmap, preserving artistic details while creating unique organic styles. Developed for animators by animators, Animate Pro helps to achieve the look and feel you want, offering endless stylistic possibilities.



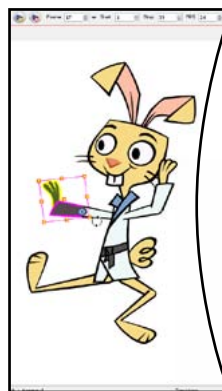
Immediate FX

Imagine the time savings you can have by selecting from tons of special effects, and previewing your final animation without having to use another package. Discover untapped creative ground and make all your animation projects look like masterpieces.



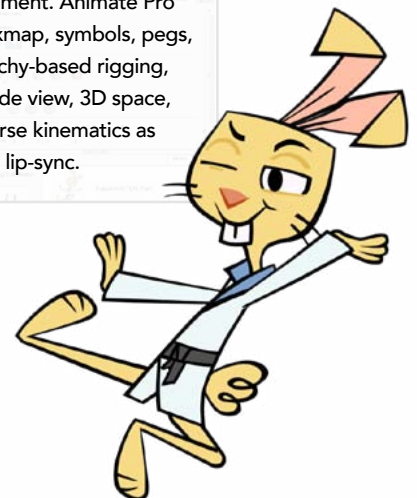
Colour Tune

Animate Pro offers significant time-savings when it comes to colouring and creating animation with a unique look and feel. Animate Pro's Smart Colour ID system, palette management, vector drawing and painting tools, texture and gradient. Changing or fine-tuning colour ambiance is quick and painless.



Smart Puppet

Experience the most advanced feature set available for Flash-style and cut-out animation embedded in a flexible environment. Animate Pro offers; vector, pixmap, symbols, pegs, morphing, hierarchy-based rigging, timeline view, node view, 3D space, forward and inverse kinematics as well as advanced lip-sync.



ALL-IN-ONE

From content creation

Superior drawing tools with multiple brush options

Comfortable drawing position with the rotary light table, rotating canvas and onion skin

Convenient text capability

Added TWAIN support for scanning

Excellent import capabilities

to animation,

Advanced animation tools with tweening, forward kinematics, cell swapping and transform tool

Live sync of Xsheet and Timeline

Smart combination of pegs and symbols

effects,

Effects everywhere

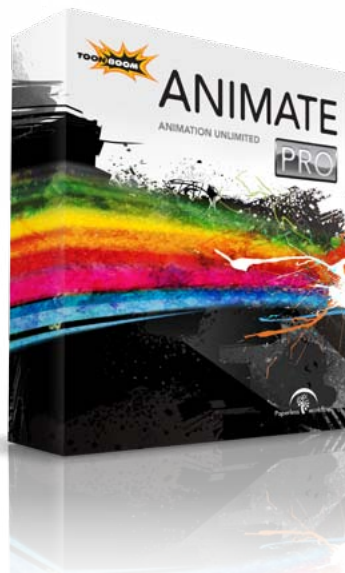
Easy access to the top 15 FX

Richer looking FX with blending modes

Full-fledged SWF Export with new vector effects

and publication.

Flexible export options as image sequence, Flash (SWF), Flash Video (FLV) and movie (QuickTime)



TIME SAVERS

Colour Tune

Fast colouring using palettes

Fine-tune colour ambiance using cloning

Well-established paint tools

Smart colour effects with invisible lines

Advanced textures and gradients paintings

Artist Inside

Advanced vector drawing tools

Authentic organic lines using pixmap texture and gradient

Unlimited style creation combining vectors and pixmap

Impressive effect blending to create watercolour and chalk

Smart Puppet

Smooth character motion using forward and inverse kinematics

Sophisticated morphing

Flexible rigging and hierarchy options

Reusable library structure

Automated lip-sync

True Space

Integrated real-time camera

Impressive depth movement on Z-axis

Powerful motion path settings

Efficient ease and velocity settings

True Vision

Full object position on 3 axes

Automated perspective creation

Camera rotation and tilting on 3 axes

Great creative freedom

3D Stereoscopic

Powerful left and right cameras capability

Multiple points of view setting

Flexible control of focal points

Easy change of focal points over time

Stunning real 3D perspective

Immediate FX

Richer looking ambiance effects with blending modes

Powerful nodal compositing tree

Effects everywhere

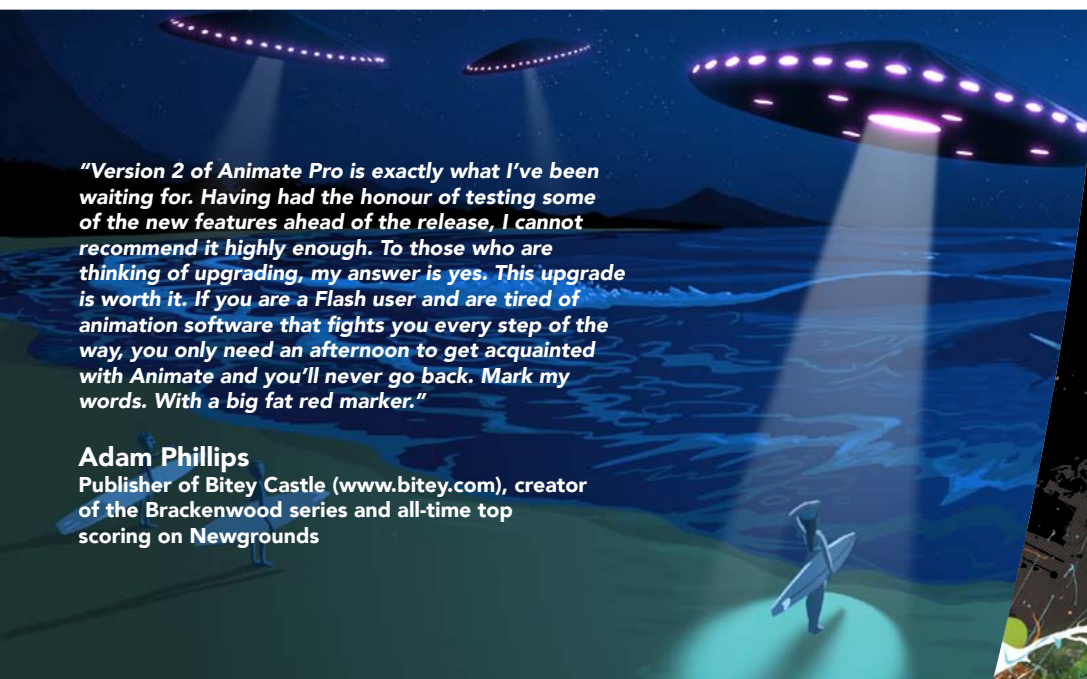
Quick preview for validation

Full-fledged SWF Export with new vector effects

"Version 2 of Animate Pro is exactly what I've been waiting for. Having had the honour of testing some of the new features ahead of the release, I cannot recommend it highly enough. To those who are thinking of upgrading, my answer is yes. This upgrade is worth it. If you are a Flash user and are tired of animation software that fights you every step of the way, you only need an afternoon to get acquainted with Animate and you'll never go back. Mark my words. With a big fat red marker."

Adam Phillips

Publisher of Bitey Castle (www.bitey.com), creator of the Brackenwood series and all-time top scoring on Newgrounds



TOON BOOM ANIMATE PRO

DETAILED FEATURES LIST

General

- Create resolution-independent scenes combining vector and bitmap animation
- High resolution compositing engine with 16 bits per channel bitmap rendering
- OpenGL accelerated true space environment for accurate multi-plane camera setup and easy depth positioning **ENHANCED**
- Contextual user interface with predefined Workspaces supporting docked or floating View windows
- Automatic updates to all View windows when changes are made to drawings
- Supports reusable symbol elements and templates stored in library
- Unique real-time anti-aliasing technology in working canvas **ENHANCED**
- Rapid management of scene structure on large projects with Element Manager

Digital Drawing

- 4 layers available per drawing (Overlay, Line, Colour and Underlay)
- Pencil tool to draw centre line stroke
- Brush tool to draw pressure sensitive contour line strokes with when using a tablet
- Brush tool with several brush tips for artistic drawing with instant preview
- Pressure sensitive Eraser tool available for all vector drawing
- Access Text tool with multiple fonts, styles and layout options **NEW**
- Convert centre line to Contour line and vice versa
- Use different texture brushes to create other line styles such as pencil on paper, watercolour, etc
- Eraser tool supports simultaneous bitmap texture and vector editing
- Multiple drawing modes for drawing behind or painting existing strokes
- User friendly navigation in your drawing with virtual animation disk to simulate panning, zooming and rotation
- Access a full range of editing tools (cut, copy, paste, scale, rotate, skew, flip)
- Access a full set of tools to edit contours (contour editor, smooth)
- Use the light table and multi-level onion skinning features with flexible display available such as outline or fade
- Display bitmap images and/or QuickTime movies for rotoscoping
- Deform vector contour or centre lines to change their shape
- Slice drawings with Freehand or rectangle Cutter tools
- Use the Dropper tool to quickly find a colour in a palette
- Use the Ellipse, Line, Polyline or Rectangle shape for fast construction of geometric elements
- Automatically fill closed shapes
- Flatten vector strokes to merge and remove overlapped lines
- Use Optimize to flatten vector strokes while preserving the visual aspect
- Display square, 12 field or 16 field Grids to register elements
- Mark In-between, Breakdown and Keyframe drawings for precise frame-by-frame animation
- Reposition drawings from all cells instantly for immediate image manipulation
- Store brushes in the pen style library
- Control contour line optimization for easy modification later on
- Preserve gradient and texture continuity over independent strokes
- Adjust brush size on-the-fly
- Change a shape's perspective with Perspective tool

Palette and Colour

- Access 16 million colours
- Control transparency for each colour
- Independent colour pots for Pencil,

Brush and Fill tools

- Create an unlimited number of palettes
- Create unlimited number of colour pots per palette
- Fill colour pots with solid colours, gradients or bitmap textures
- Supports Linear or Radial gradient
- Edit Gradient/Texture tool to edit scale, rotation and hot points
- Clone palettes to preserve dependencies
- Duplicate palettes to copy all the colours and have them independent
- Tint colours palette for creating variation without recreating new palette
- Multi wheel colour picker with independent undo list
- External palette support for collaborative workflow

Paint

- Paint a single drawing, several sequences, or all drawings in a level simultaneously
- Paint colour art, re-colour line art, and check for paint errors
- Use the Swatch mode in Colour view for practical colour overview **NEW**
- Paint with bitmap textures and gradients
- Preserve gradient and texture continuity over multiple paint operation
- Close gap tools to manually close gaps
- Close gaps automatically on all your drawings
- Auto-paint all art levels simultaneously
- Manage colour models in independent views
- Paint quickly at all output resolutions
- Use Backlight for instant verification of the completeness of the paint process
- Highlight selected colour to select specific colour instantly

Libraries

- Create a library of animated elements and animated sequences
- Store multiple elements with their own drawings
- Create a library of effects
- Store movements with their own functions and transformations
- Preview drawings in real-time
- Swap drawings easily to manage assets
- Share stored templates with multiple users

Animation

- Drawing layers have their own animation attributes
- Use Distribute to Layer tool to simultaneously distribute character parts to layers **NEW**
- Use Multi-Keyframes Easing to easily adjust the velocity on multiple character parts **NEW**
- Use Transform tool to perform most animating editing features (move, rotation, scale, ...) with a single tool
- Activate Animate mode to create keyframes automatically when modifying attributes
- Define interpolation methods (linear or stop motion) per attributes
- Create your in-betweening using the morphing tools
- Create natural-looking animation with Inverse Kinematics (IK) tools **ENHANCED**
- Automatically generate lip charts and save time lip-synching characters to voice tracks
- Position all drawing layers interactively
- Create 3D trajectories for elements and camera
- Auto-calculate layers perspective in relation to camera position
- Create complex movements with a hierarchy of elements and cameras
- Preview layers and camera moves in real-time
- View multi-plane perspective in real-time
- Click and drag positioning of layers and cameras

- Create multiple camera sets to easily swap between multiple aspect ratios
- Rotate, scale, translate and skew multiple drawing layers at the same time
- Use Drawing substitution to swap cells easily on-the-fly

Timeline

- Display Drawings, Pegs, Effects, Camera and Sound track
- Modify all keyframable layers values directly in the timeline
- Control layer attributes such as onion skin, visibility, lock, colour and name
- Perform cell swapping or editing
- Organize layers by hierarchy
- Use sound scrubbing on a frame-by-frame basis
- Effortlessly create new motion paths and animated drawings
- Drag and drop keyframes, layers, motion paths and layer transformations
- Display effects and their keyframes
- Display Audio waveforms
- Define custom colours for easy identification of layers

Xsheet

- Emulates a traditional exposure sheet
- Create, edit and save exposure sheets
- Display Audio Waveform **NEW**
- Contextual exposure sheet column display based on the selected drawing
- Print exposure sheets
- Automatically build the timing in your exposure sheet with a simple click and drag
- Use expression columns to create values for an effect based on mathematical operations
- Control the velocity values with Bezier or ease function curves; control the values in other columns with these functions
- Copy and paste cells with drag and drop
- Draw directly in exposure sheet with Annotation column using drawing pen

Effects

- Use the Effect Blend modes to create ambiance: Normal, Multiply, Screen, Lighten, Darken, Difference, Add, Subtract, Invert, Overlay, Hardlight, Alpha, Erase, Divide, Replace **NEW**
- Blur Effects: Blur, Directional Blur, Motion Blur, Glow
- Colour Effects: Colour Card, Colour Scale, Colour Override, Brightness Contrast, Tone, Highlight, Transparency
- Transformation Effects: Mask, Shadow, Quadmap
- Blending modes: Add, Sub, Multiply, Divide, Overlay, Lighten, Hardlight, Softlight
- Blur Effects: Variable Blur, Focus and Matte blur
- Colour Effects: Colour Screen, Greyscale, Remove Transparency, Negate
- Image Effects: Anti Flicker, Dither, Crop, External, Gradient
- Deformation Effects: Glue, Refract, Pixelate, Grain, Scale, Line Art, Colour Art, Matte Resize
- Preview the Transparency, Colour Scale, Colour Override effects in OpenGL view **ENHANCED**
- Work simultaneously with multiple aspect ratios

Scripting

- Animate's text-based scripting allows complete control over Animate parameters and animation, bringing better integration into the production pipeline.
- Useful pre-built scripts to automate tedious workflow issues or create your own.
- Run scripts from within the interface, directly from the command line.
- Simple but powerful Javascript-style

language is easy to learn without sacrificing function.

Compositing

- Change output resolution without rescanning or repainting
- Add effects directly from the timeline
- Scale vector artwork infinitely without pixilation
- Use any output resolution and aspect ratio
- Enjoy efficient compositing with HD images **ENHANCED**
- Use the external node to perform additional effects with external programs
- Control line thickness when zooming-in
- Create mattes directly in the Camera View
- Use the network navigator that helps to manage large networks
- Easily pan and zoom in the Network Effects View window
- Automatically connect Network modules, as well as reorder network cables
- Insert Network modules seamlessly between existing modules
- Intuitively drag and drop network modules
- Drag and drop to create Group modules
- Develop your own special effects plug-in using Animate Pro SDK
- Add notes to your network for reminder and collaborative work

Playback

- Use the built-in SWF preview for fast check-up
- Enjoy internal real-time preview and external rendered playback
- Play back current scene or external media
- Preview complete scene with sound in sync **ENHANCED**
- View frame sequences at full D1 resolution
- Play back up to 60 fps

Import

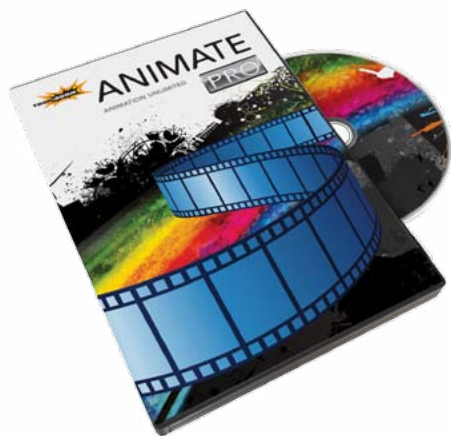
- Bitmap TGA, PSD, PNG, JPEG, BMP, YUV, PAL, SGI
- Import PSD and maintain independent layers
- Import QuickTime Movie as an image sequence
- Vector TVG, SWF, PDF, AI
- Audio MP3, WAV, AIFF

Scan

- TWAIN support
- Automatic Feeder support (ADF)
- Register peg holes automatically
- Scan your drawings in black and white or greyscale
- Auto-assemble your drawings for paint
- Colour scan pre-coloured drawings and backgrounds
- Auto-splice pan cells (characters and backgrounds)
- Capture nuances of hand-drawn lines (using true-line vectorization and line texture)
- Preserve original line textures such as pencil, crayon or chalk
- Use advanced cleaning tools to remove dirt and hair easily

Render

- Render to any resolution and aspect ratio such as NTSC, PAL, HDTV **ENHANCED**
- Support Field rendering for interlaced format
- Export video to QuickTime Movie and FLV
- Export vector animation to SWF with effects **NEW**
- Export image sequence TGA, SGI, PSD, YUV, PAL, PNG, BMP, OPT, TIF
- Render multiple format and elements at the same time



Included Kick-Start Program

Toon Boom Animate Pro comes with close to three hours of video training and ready-to-use templates for a smooth learning experience.

Dedicated support programs combined with a practical user forum are additional resources for timely assistance, all handled by the Toon Boom animation experts.

Specifications are subject to change. For the most up-to-date information on Animate Pro or any other Toon Boom product, please contact: sales@toonboom.com

Toon Boom Headquarters
+1 514 278 8666
5530 St. Patrick, suite 2210
Montreal (Quebec)
Canada H4E 1A8



toonboom.com

Toon Boom Animation Inc. is the worldwide leader of animation software solutions. Winner of the 2005 Primetime Emmy® Engineering Award, 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, eMation, Rough Draft Korea, Alphanim, BKN, Cromosoma and Enarmonia, 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.

Artwork courtesy of: Adam Phillips, Brad Yarhouse, Trent Correy, Pat Bradley, Chico Zullo and Picnic Productions

