

# Comparison Table

<b>Software name</b>	<b>Release years</b>
TVPaint Animation 11 Professional	2015-20xx
TVPaint Animation 11 Standard	2015-20xx
TVPaint Animation 10 Professional	2011-2015
TVPaint Animation 10 Standard	2011-2015
TVPaint Animation 9 Professional	2008-2011
TVPaint Animation 9 Standard	2008-2011
TVPaint Animation 8 Professional	2006-2008
TVPaint Animation 8 Standard	2006-2008
Mirage	2003-2005

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✓	x	x
Available	Limited, Plugin required, Not Tested	Not available

# Hardware

Operating System	TVPaint 11 Pro	TVPaint 11 Standard	TVPaint 10 Pro	TVPaint 10 Standard	TVPaint 9 Pro	TVPaint 9 Standard	TVPaint 8 Pro	TVPaint 8 Standard	Mirage
Windows 10	✓	✓	✗	✗	✗	✗	✗	✗	✗
Windows 8	✓	✓	✓	✓	✗	✗	✗	✗	✗
Windows 7	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Vista	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows XP	✗	✗	✗	✗	✓	✓	✓	✓	✓
Mac OS 10.10	✓	✓	✗	✗	✗	✗	✗	✗	✗
Mac OS 10.9	✓	✓	✓	✓	✗	✗	✗	✗	✗
Mac OS 10.8	✓	✓	✓	✓	✓	✓	✓	✓	✗
Mac OS 10.7	✓	✓	✓	✓	✓	✓	✓	✓	✗
Mac OS 10.6	✗	✗	✓	✓	✓	✓	✓	✓	✗ (not with Intel)
Mac OS 10.5	✗	✗	✗ (32 bits version only)	✓	✓	✓	✓	✓	✓
Mac OS 10.4	✗	✗	✗ (32 bits version only)	✓	✓	✓	✓	✓	✓
Linux Ubuntu 10.04+	✓	✓	✓	✗	✓	✗	✗	✗	✗
Linux Debian 6+	✓	✓	✓	✗	✓	✗	✗	✗	✗
Linux RedHat Enterprise 5+	✓	✓	✓	✗	✓	✗	✗	✗	✗
Linux Fedora 15+	✓	✓	✓	✗	✓	✗	✗	✗	✗
OS 32 bits version	✓	✓	✓	✓	✓	✓	✓	✓	✓
OS 64 bits version	✓	✗ (run in 32bits)	✓	✗ (run in 32bits)	✗ (run in 32bits)	✗ (run in 32bits)	✗ (run in 32bits)	✗ (run in 32bits)	✗ (run in 32bits)

Supported hardware	TVPaint 11 Pro	TVPaint 11 Standard	TVPaint 10 Pro	TVPaint 10 Standard	TVPaint 9 Pro	TVPaint 9 Standard	TVPaint 8 Pro	TVPaint 8 Standard	Mirage
Tablet PC	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wacom Tablets	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wacom Companion	✓	✓	✓	✓	✗	✗	✗	✗	✗
Surface Pro Tablets	✓	✓	✓	✓	✗	✗	✗	✗	✗
Webcams	✓	✓	✓	✓	✓	✓	✓	✓	✗
DV Camcorders	✓	✓	✓	✓	✓	✓	✓	✓	✗
HDDV Camcorders	✓	✗	✓	✗	✓	✗	✗	✗	✗
MacBook Pro Retina	✓	✓	✗	✗	✗	✗	✗	✗	✗
2K – 4K screens	✓	✓	✗	✗	✗	✗	✗	✗	✗
Recordex	✓	✓	✓	✓	✓	✓	✓	✓	✗

Supported Video Cards	TVPaint 11 Pro	TVPaint 11 Standard	TVPaint 10 Pro	TVPaint 10 Standard	TVPaint 9 Pro	TVPaint 9 Standard	TVPaint 8 Pro	TVPaint 8 Standard	Mirage
Leitch VelocityQ	✓	✗	✓	✗	✓	✗	✓	✗	✓
DPS par pvr hollywood	✓	✗	✓	✗	✓	✗	✓	✗	✓





Color groups	✓	✓	✗	✗	✗	✗	✗	✗	✗
Coordinates	✓	✓	✓	✓	✓	✓	✓	✓	✓
Display	✓	✓	✓	✓	✓	✓	✓	✓	✓
Path recorder	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pixel Tracker	✓	✓	✓	✓	✓	✓	✓	✓	✓
Path Manager	✓	✓	✓	✓	✓	✓	✓	✓	✓
Image Library	✓	✗	✗	✗	✗	✗	✗	✗	✗
Color Variations	✓ (within Color Panel)	✓ (within Color Panel)	✓	✓	✓	✓	✓	✓	✓

<b>Custom panels</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Create / export custom panels	✓	✓	✓	✓	✓	✓	✗	✗	✗
George script panel	✓	✗	✓	✗	✓	✗	✓	✗	✗
Animator panel	✗ (replaced by Handy Panel)	✗ (replaced by Handy Panel)	✓	✓	✓	✓	✓	✓	✗
Handy panel	✓	✓	✗	✗	✗	✗	✗	✗	✗
Sketch panel	✓	✓	✓	✓	✓	✓	✓	✓	✗
Sketch panel Red	✓	✓	✓	✓	✓	✓	✗	✗	✗
Sketch panel RGB	✓	✓	✓	✓	✓	✓	✗	✗	✗
Tool Preset / Bin panel	✓ (V.4)	✓ (V.4)	✓ (V.3)	✓ (V.3)	✓ (V.2)	✓ (V.2)	✓ (V.1)	✓ (V.1)	✗
Custom panels embedded in project	✓	✓	✓	✓	✗	✗	✗	✗	✗
Transform Color bin in Custom panel	✓	✓	✓	✓	✗	✗	✗	✗	✗
Screen recorder	✓	✓	✓	✓	✗	✗	✗	✗	✗

# Layer Options

Layer	TVPaint 11 Pro	TVPaint 11 Standard	TVPaint 10 Pro	TVPaint 10 Standard	TVPaint 9 Pro	TVPaint 9 Standard	TVPaint 8 Pro	TVPaint 8 Standard	Mirage
Type : Anim	✓	✓	✓	✓	✓	✓	✓	✓	✗
Type: Xsheet	✓	✗	✓	✗	✓	✗	✓	✗	✗
Type : Image	✗	✗	✓	✓	✓	✓	✓	✓	✓
Type : CTG	✓	✗	✗	✗	✗	✗	✗	✗	✗
Color Groups	✓	✓	✓	✓	✓	✓	✗	✗	✗
Lock Color group with Password	✓	✓	✓	✓	✗	✗	✗	✗	✗
Color Groups Panel	✓	✓	✗	✗	✗	✗	✗	✗	✗
Move Layers in Color Group with CTRL	✓	✓	✓	✓	✗	✗	✗	✗	✗
Left / Right Align Layers	✓	✓	✓	✓	✓	✓	✓	✓	✗
Lock Layer Position	✓	✓	✓	✓	✓	✓	✗	✗	✗
Layer Preset Manager	✓	✓	✗	✗	✗	✗	✗	✗	✗

Layer blending modes	TVPaint 11 Pro	TVPaint 11 Standard	TVPaint 10 Pro	TVPaint 10 Standard	TVPaint 9 Pro	TVPaint 9 Standard	TVPaint 8 Pro	TVPaint 8 Standard	Mirage
Color	✓	✓	✓	✓	✓	✓	✓	✓	✓
Erase	✓	✗	✓	✗	✓	✗	✗	✗	✗
Behind	✓	✗	✓	✗	✓	✗	✗	✗	✗
Shade	✓	✗	✓	✗	✓	✗	✗	✗	✗
Light	✓	✗	✓	✗	✓	✗	✗	✗	✗
Colorize	✓	✗	✓	✗	✓	✗	✗	✗	✗
Tint	✓	✗	✓	✗	✓	✗	✗	✗	✗
Saturate 2	✓	✗	✓	✗	✓	✗	✗	✗	✗
Value	✓	✗	✓	✗	✓	✗	✗	✗	✗
Add	✓	✗	✓	✗	✓	✗	✗	✗	✗
Sub	✓	✗	✓	✗	✓	✗	✗	✗	✗
Multiply	✓	✗	✓	✗	✓	✗	✗	✗	✗
Screen	✓	✗	✓	✗	✓	✗	✗	✗	✗
Replace	✓	✗	✓	✗	✓	✗	✗	✗	✗
Substitute	✓	✗	✓	✗	✓	✗	✗	✗	✗
Difference	✓	✗	✓	✗	✓	✗	✗	✗	✗
Divide	✓	✗	✓	✗	✓	✗	✗	✗	✗
Overlay	✓	✗	✓	✗	✓	✗	✗	✗	✗
Dodge (Light 2)	✓	✗	✓	✗	✓	✗	✗	✗	✗
Burn (Shade 2)	✓	✗	✓	✗	✓	✗	✗	✗	✗
Hard light	✓	✗	✓	✗	✓	✗	✗	✗	✗
Soft light	✓	✗	✓	✗	✓	✗	✗	✗	✗
Grain extract	✓	✗	✓	✗	✓	✗	✗	✗	✗
Grain merge	✓	✗	✓	✗	✓	✗	✗	✗	✗
Substract	✓	✗	✓	✗	✓	✗	✗	✗	✗
Darken only	✓	✗	✓	✗	✓	✗	✗	✗	✗
Lighten only	✓	✗	✓	✗	✓	✗	✗	✗	✗
Next / previous mode buttons	✓	✗	✓	✗	✗	✗	✗	✗	✗

<b>Color groups</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Edit color groups	✓	✓	✓	✓	✓	✓	✓	✓	✗
Import color groups	✓	✓	✓	✓	✗	✗	✗	✗	✗
Export color groups	✓	✓	✓	✓	✗	✗	✗	✗	✗
For animation layers	✓	✓	✓	✓	✓	✓	✗	✗	✗
For sound layers	✓	✗	✓	✗	✗	✗	✗	✗	✗
For storyboards	✓	✓	✓	✓	✗	✗	✗	✗	✗
Protect with password	✓	✓	✓	✓	✗	✗	✗	✗	✗

# Drawing tools

<b>Brush types</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Airbrush	✓	✓	✓	✓	✓	✓	✓	✓	✗
Pencil	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mechanical pencil	✓	✓	✓	✓	✓	✓	✓	✓	✓
Watercolor	✓	✓	✓	✓	✓	✓	✓	✓	✗
Oil	✓	✓	✓	✓	✓	✓	✓	✓	✗
Special	✓	✓	✓	✓	✓	✓	✓	✓	✗
Text	✓	✓	✓	✓	✓	✓	✓	✓	✓
Warp	✓ <small>(merged with Special)</small>	✓ <small>(merged with Special)</small>	✓	✓	✓	✓	✓	✓	✗
Custom	✓	✓	✓	✓	✓	✓	✓	✓	✓
Eraser	✓	✓	✗	✗	✗	✗	✗	✗	✗

<b>Custom brush options</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Display cut	✓	✓	✓	✓	✓	✓	✓	✓	✗
Subpixel drawing mode (best)	✓	✓	✓	✓	✓	✓	✗	✗	✗
Wet profile	✓	✓	✓	✓	✓	✓	✗	✗	✗
Stamp in place	✓	✓	✓	✓	✓	✓	✗	✗	✗
Connection profiles (angle, size, jitter, opacity, shift...)	✓	✓	✓	✓	✓	✓	✓	✓	✗
Step	✓	✓	✓	✓	✓	✓	✓	✓	✓
Drying	✓	✓	✓	✓	✓	✓	✓	✓	✓
Warp	✓	✓	✓	✓	✗	✗	✗	✗	✗
Projection	✓	✓	✓	✓	✗	✗	✗	✗	✗
Brushes stored wih paper	✓	✓	✓	✓	✓	✓	✓	✓	✗

<b>Custom Brush : Stamp modes</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Origin	✓	✓	✓	✓	✓	✓	✓	✓	✗
Alpha	✓	✓	✓	✓	✓	✓	✓	✓	✗
Alpha Max	✓	✓	✓	✓	✓	✓	✓	✓	✗
Luma	✓	✓	✓	✓	✓	✓	✓	✓	✗
Luma Invert	✓	✓	✓	✓	✓	✓	✓	✓	✗
Hue Stamp	✓	✓	✓	✓	✓	✓	✓	✓	✗
Smear Stamp	✓	✓	✓	✓	✓	✓	✗	✗	✗
Source Smear	✓	✓	✓	✓	✗	✗	✗	✗	✗

<b>Custom Brush : Smooth mode</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
None	✓	✓	✓	✓	✓	✓	✓	✓	✗
Medium	✓	✓	✓	✓	✓	✓	✓	✓	✗
Best	✓	✓	✓	✓	✓	✓	✓	✓	✗
Smart	✓	✓	✗	✗	✗	✗	✗	✗	✗















# Storyboard tools

<b>Manage storyboard</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Add a scene / a clip	✓	✓	✓	✓	✓	✓	✗	✗	✗
Duplicate a scene / a clip	✓	✓	✓	✓	✓	✓	✗	✗	✗
Delete a scene / a clip	✓	✓	✓	✓	✓	✓	✗	✗	✗
Copy, cut and paste a scene / a clip	✓	✓	✓	✓	✓	✓	✗	✗	✗
Merge next clip with current clip into one scene	✓	✓	✓	✓	✓	✓	✗	✗	✗
Merge next clip with current clip into one clip	✓	✓	✓	✓	✗	✗	✗	✗	✗
Lock clips' position	✓	✓	✓	✓	✗	✗	✗	✗	✗

<b>Camera tool</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Set a Camera on a Clip	✓	✗	✓	✗	✓	✗	✗	✗	✗
Edit a Camera (time, scale, position Angle...)	✓	✗	✓	✗	✓	✗	✗	✗	✗
Add Motion blur	✓	✗	✓	✗	✓	✗	✗	✗	✗
Render a Camera	✓	✗	✓	✗	✓	✗	✗	✗	✗
Camera point of view	✓	✗	✓	✗	✓	✗	✗	✗	✗
Load/save/reset Camera path	✓	✗	✓	✗	✓	✗	✗	✗	✗
4/3 borders	✓	✗	✓	✗	✗	✗	✗	✗	✗
Viewfinder	✓	✗	✓	✗	✗	✗	✗	✗	✗
Follow Camera	✓	✗	✗	✗	✗	✗	✗	✗	✗

<b>Save, Export, Render</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Export a clip	✓	✓	✓	✓	✓	✓	✗	✗	✗
Export a storyboard	✓	✗	✓	✗	✓	✗	✗	✗	✗
Publish storyboard (PDF)	✓	✗	✓	✗	✗	✗	✗	✗	✗
Publish storyboard (HTML)	✓	✗ (limited)	✓	✗ (limited)	✓	✗ (limited)	✗	✗	✗
Render EDL	✓	✗	✓	✗	✓	✗	✗	✗	✗
Render a camera	✓	✗	✓	✗	✓	✗	✗	✗	✗
Export for Flix	✓	✓	✗	✗	✗	✗	✗	✗	✗
Display number of frames in PDF	✓	✗	✗	✗	✗	✗	✗	✗	✗

<b>Views</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Thumbnails	✓	✓	✓	✓	✓	✓	✗	✗	✗
Column	✓	✗	✓	✗	✓	✗	✗	✗	✗
Row	✓	✗	✓	✗	✓	✗	✗	✗	✗
Timeline	✓	✗	✓	✗	✓	✗	✗	✗	✗
Resize clip's scale	✓	✓	✓	✓	✓	✓	✗	✗	✗
Animation preview	✓	✗	✓	✗	✓	✗	✗	✗	✗

Camera preview	✓	✗	✓	✗	✓	✗	✗	✗	✗
Read project as an animatic	✓	✗	✓	✗	✓	✗	✗	✗	✗
Clip color groups	✓	✓	✓	✓	✗	✗	✗	✗	✗
Hide clip	✓	✓	✓	✓	✗	✗	✗	✗	✗

<i>Others</i>	TVPaint 11 Pro	TVPaint 11 Standard	TVPaint 10 Pro	TVPaint 10 Standard	TVPaint 9 Pro	TVPaint 9 Standard	TVPaint 8 Pro	TVPaint 8 Standard	Mirage
Add global sound	✓	✗	✓	✗	✓	✗	✗	✗	✗
Global sound groups	✓	✗	✓	✗	✗	✗	✗	✗	✗
Write project's notes	✓	✓	✓	✓	✓	✓	✗	✗	✗
Write Action, Dialog and Notes	✓	✗	✓	✗	✓	✗	✗	✗	✗



# FX Stack

<b>General</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
FX-Stack Undo/Redo	✓	✓	✓	✓	✓	✓	✗	✗	✗
FX-Stack attached to project	✓	✓	✓	✓	✓	✓	✓	✓	✗
Play Animations in Preview Mode	✓	✓	✓	✓	✓	✓	✓	✓	✗
Hide or active HUD	✓	✓	✓	✓	✓	✓	✓	✓	✗
Add FX : current layer	✓	✓	✓	✓	✓	✓	✓	✓	✓
Add FX : current group	✓	✓	✓	✓	✗	✗	✗	✗	✗
Add FX : all layers	✓	✓	✓	✓	✗	✗	✗	✗	✗
Add FX : selection	✓	✓	✓	✓	✓	✓	✓	✓	✓
Add FX : all instances	✓	✓	✓	✓	✗	✗	✗	✗	✗
Add FX : frames	✓	✓	✓	✓	✓	✓	✓	✓	✓
Add FX : instance's head only	✓	✓	✓	✓	✓	✓	✗	✗	✗

<b>Blur effects</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Center	✓	✓	✓	✓	✓	✓	✓	✓	✓
Chroma	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cubic	✓	✓	✓	✓	✓	✓	✓	✓	✓
Deinterlace	✓	✗	✓	✗	✓	✗	✗	✗	✗
Directional	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gaussian	✓	✓	✓	✓	✓	✓	✓	✓	✓
Median	✓	✓	✓	✓	✓	✓	✓	✓	✓
Motion	✓	✗	✓	✗	✓	✗	✗	✗	✗
Radial	✓	✓	✓	✓	✓	✓	✓	✓	✓

<b>Color effects</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Black & White Converter	✓	✓	✓	✓	✓	✓	✓	✓	✓
Color adjust	✓	✓	✓	✓	✓	✓	✓	✓	✓
Color eraser	✓	✓	✓	✓	✓	✓	✓	✓	✓
Color replacer	✓	✓	✓	✓	✗ (not the same FX)	✗ (not the same FX)	✗ (not the same FX)	✗ (not the same FX)	✗ (not the same FX)
Curves	✓	✓	✓	✓	✓	✓	✓	✓	✓
Expand	✓	✗	✓	✗	✗	✗	✗	✗	✗
Histogram	✓	✓	✓	✓	✓	✓	✓	✓	✓
Image Source	✓	✓	✓	✓	✓	✓	✓	✓	✗
Line colorize	✓	✗	✓	✗	✗	✗	✗	✗	✗
Scan cleaner	✓	✓	✓	✓	✓	✓	✓	✓	✗
Sliders	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tint replacer	✓	✓	✓	✓	✗	✗	✗	✗	✗

<b>Distortion effects</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Bump	✓	✗	✓	✗	✓	✗	✓	✗	✓
Displacement Mapping	✓	✗	✓	✗	✓	✗	✓	✗	✓

Flip	✓	✗	✓	✗	✓	✗	✓	✗	✓
Kaleidoscope	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mirror	✓	✗	✓	✗	✓	✗	✓	✗	✓
Optical Flow	✓	✓	✓	✓	✓	✓	✓	✗	✗
Perspective 4 points	✓	✗	✓	✗	✓	✗	✓	✗	✓
Tornado	✓	✗	✓	✗	✓	✗	✓	✗	✓
Warp grid	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wave	✓	✗	✓	✗	✓	✗	✓	✗	✓

<b>Key effects</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Luma keyer	✓	✓	✓	✓	✓	✓	✓	✓	✓
Color keyer	✓	✓	✓	✓	✓	✓	✓	✓	✓
Chroma keyer	✓	✗	✓	✗	✓	✗	✓	✗	✓
Cross keyer	✓	✗	✓	✗	✓	✗	✓	✗	✗
Alpha control	✓	✗	✓	✗	✓	✗	✓	✗	✓
Advanced keyer	✓	✗	✓	✗	✓	✗	✓	✗	✓

<b>Motion effects</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Keyframer	✓	✓	✓	✓	✓	✓	✓	✓	✓
Keyframer SubPixel drawing modes (None/Medium/Best)	✓	✓	✓	✓	✓	✓	✗	✗	✗
Shaker	✓	✗	✓	✗	✗	✗	✗	✗	✗
Stabilization 1 point	✓	✗	✓	✗	✓	✗	✓	✗	✓
Stabilization 2 points	✓	✗	✓	✗	✓	✗	✓	✗	✓
Multipane Camera	✓	✓	✓	✓	✓	✓	✓	✓	✗

<b>Paint effects</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Auto-paint	✓	✓	✓	✓	✓	✓	✓	✓	✓

<b>Rendering effects</b>	<b>TVPaint 11 Pro</b>	<b>TVPaint 11 Standard</b>	<b>TVPaint 10 Pro</b>	<b>TVPaint 10 Standard</b>	<b>TVPaint 9 Pro</b>	<b>TVPaint 9 Standard</b>	<b>TVPaint 8 Pro</b>	<b>TVPaint 8 Standard</b>	<b>Mirage</b>
Background generator	✓	✓	✓	✓	✓	✓	✓	✓	✓
Brush Spreading	✓	✗	✗	✗	✗	✗	✗	✗	✗
Healing tracker	✓	✗	✓	✗	✓	✗	✓	✗	✗
Inlay Texture	✓	✗	✗	✗	✗	✗	✗	✗	✗
Lens Flare	✓	✓	✓	✓	✓	✓	✓	✓	✗
Lighting	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multiline text	✓	✗	✓	✗	✓	✗	✓	✗	✗
Particle Generator	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pattern Generator	✓	✗	✓	✗	✓	✗	✓	✗	✗
Perlin noise	✓	✗	✓	✗	✓	✗	✓	✗	✓
Plasma	✓	✗	✓	✗	✓	✗	✓	✗	✓
Rototracking	✓	✗	✓	✗	✓	✗	✓	✗	✓
Simple text	✓	✗	✓	✗	✓	✗	✓	✗	✓
Timecode Generator	✓	✓	✓	✓	✓	✓	✓	✓	✓
Volumetric light	✓	✗	✓	✗	✓	✗	✓	✗	✓







Create New Project from Image	✓	x	x	x	x	x	x	x	x
Create Custom Brush from Image	✓	x	x	x	x	x	x	x	x