

BORIS FX

VISUAL EFFECTS, COMPOSITING AND
WORKFLOW TOOLS FOR DIGITAL ARTISTS

RED

INTEGRATED 3D COMPOSITING, TITLING, TRANSITIONS AND SPECIAL EFFECTS
CUSTOM USER INTERFACE

GRAFFITI

INTEGRATED 3D TITLING AND VECTOR ANIMATION
CUSTOM USER INTERFACE

FX

INTEGRATED COMPOSITING, TRANSITIONS AND EFFECTS
CUSTOM USER INTERFACE

CONTINUUM

200+ COMPOSITING, KEYING AND EFFECTS FILTERS AND TRANSITIONS
HOST NATIVE USER INTERFACE

FINAL EFFECTS

80+ COMPOSITING, PARTICLE AND EFFECTS FILTERS AND TRANSITIONS
HOST NATIVE USER INTERFACE

AAF/XML TRANSFER

BI-DIRECTIONAL TRANSFER OF SEQUENCES AND FILTER EFFECTS
BETWEEN AVID MC/DS AND APPLE FCP
TRANSFER SEQUENCES AND FILTER EFFECTS FROM APPLE FCP
TO ADOBE AFTER EFFECTS

MEDIA 100

FAST • POWERFUL • EASY • FLEXIBLE • 4K/2K/HD/SD

BORISFX.COM

CONTINUUM COMPLETE

The Swiss Army Knife of Visual Effects

Boris Continuum Complete gives editors and composers the most complete plug-in suite ever created. Nearly 200 plug-in filters include 3D Objects such as Extruded Text, image restoration tools, time-based effects such as Optical Stabilizer, distortion and perspective effects such as UpRez, generators such as Snow, Rain, and Fire, lights such as Glint, Glare, and Glitter, wipe transitions, keys and mattes including Motion Key for automated foreground object removal, 3-Way Color Grading and other color correction tools, blurs, glows, and film look effects. All filters take advantage of either multi-processing or OpenGL hardware acceleration for an interactive effects design experience.

Key Features

- 3D Text Extrusions
- Image Restoration Tools
- 3-Way Color Correction
- Beat Reactor Animation
- Optical Flow-Based Filters
- Built-in Motion Tracking
- Volumetric Lighting Filters
- PixelChooser Technology
- Lens Flares, Glints, Glitters
- Award-Winning Keying
- Superior UpRez from SD to HD
- Film Look Effects and Glows
- Image Morphing
- Noise Reduction
- Preset Load and Save Function
- Auto-Animating Wipe Filters

“A job is not ‘complete’ until it’s been run through Continuum Complete. No matter what kind of job it is: from keying to motion tracking or grading to uprezing, BCC has something for everyone.”

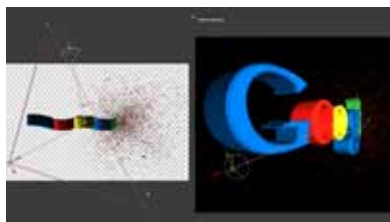
-Tor Rolf Johansen, Post Magazine

Continuum Complete includes plug-ins for:

Adobe After Effects, Adobe Premiere Pro, Apple Final Cut Pro, Apple Final Cut Express, Apple Motion, Avid Media Composer, Avid Symphony, Avid NewsCutter, Avid DS, and Sony Vegas Pro.



Beat Reactor



Extruded EPS



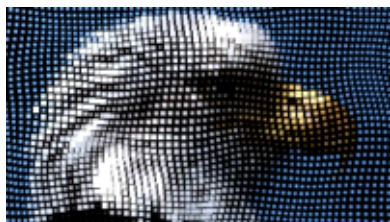
Glint



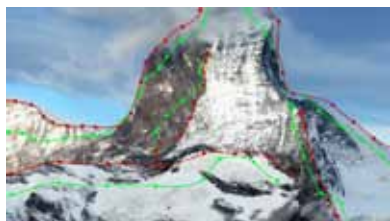
Lens Blur



Lightning



Pin Art



Warp



Extruded Text

FINAL EFFECTS COMPLETE

Designer Effects and Transitions

Ranging from graceful blurs and edges to radical warps and particle generators, Final Effects Complete gives you 110+ designer effects and transitions that dramatically augment your creative arsenal. Full-featured 3D and 2D particle animations include ball action, explosions, distortions, jet trails, hair, liquid mercury distortions, spotlights, and color transitions. Most filters feature less than a dozen parameters; only a few simple adjustments are required to create totally unique organic effects. Recently-added features such as preset saving and loading, PixelChooser, Motion Tracker, Beat Reactor, and Compare Mode make FEC fully compatible with Boris Continuum Complete filters, streamlining your workflow.

Key Features

- Particle System Filters
- Kaleidoscope Effects
- Transition Effects
- Hair Effect
- Image Morphing
- 16-Bit Color Processing
- Auto-Animating Wipe Filters
- Glass and Emboss Filters
- Lighting Effects
- Multi-Processing Acceleration
- Edge Treatment Filters
- Procedural Generators

“Boris has taken Final Effects Complete from being the black sheep of the family to a true brother/sister application to BCC.”

- Digital Media Net

Final Effects Complete includes plug-ins for:

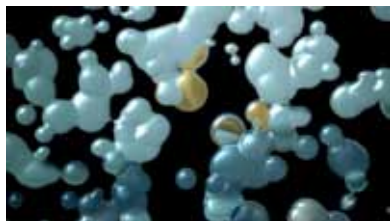
Adobe After Effects, Adobe Premiere Pro, Apple Final Cut Pro, Apple Final Cut Express, Apple Motion, Avid Media Composer, Avid Symphony, Avid NewsCutter, and Avid DS.



3D Relief



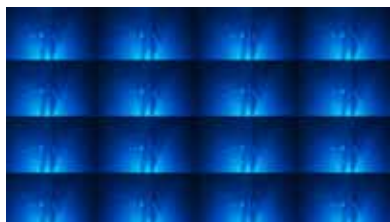
Hair



Mr. Mercury



Snow



Tiler



Wiggle Edges



Kaleida



Power Ramp

CONTINUUM UNITS

VFX Plug-In Packs for Adobe, Apple, and Sony

The Boris Continuum Units family of visual effects plug-ins lets you choose toolsets from the award-winning Continuum Complete plug-in suite that are geared towards your specific needs.

Pricing starts at just \$99 USD!

- **3D Objects:** Extruded Text, Extruded EPS, Type-On Text, Extruded Spline, and Layer Deformer filters
- **3-Way Color Grade:** Professional-level color grading tools
- **Beat Reactor:** Audio-driven keyframe generation for After Effects
- **Cartoon Look:** Easily convert images and clips into cartoon-style roto animations
- **Chroma Key:** Fast, precise keys
- **Film Process:** Make your video look like film
- **Glitters:** Add glints, glares, and glitter to your video
- **Image Restoration:** Smooth Tone, Pixel Fixer, and DV Fixer
- **Lens Blur:** Simulate camera lens out-of-focus specular highlights
- **Lens Flare:** Fast, easy simulation of a lens flare
- **Light Rays:** Nine Rays filters from Boris Continuum Complete
- **Materials:** Create realistic surfaces & animated organic backgrounds
- **Morph:** Warp and Morph in Adobe After Effects
- **Motion Key:** Remove moving foreground objects
- **Motion Tracker:** Powerful, specialized motion tracking filters
- **Optical Stabilizer:** Remove “camera shake”
- **Pan and Zoom:** Easy, documentary-style animation
- **Shaders:** 13 real-time FxPlug filters for Apple Final Cut Pro, Apple Final Cut Express, and Apple Motion
- **UpRez:** High-quality resizing of image clips from SD to HD

BLUE

Real-time 3D Compositing and Motion Graphics

Boris Blue is designed for video editors who want to create stunning 3D looks without the learning curve and render times associated with 3D applications. Perfect for post facilities with client-supervised sessions or demanding deadlines, Blue uses the latest generation GPU-based graphics cards to provide an interactive effects design experience. Blue delivers real-time processing of 2D and 3D effects as well as real-time playback of video and audio media. Users can adjust effect parameters during playback, a “front room” capability that is ideal for working side-by-side with clients. The fast export to disk, including hardware-rendered anti-aliasing, motion blur, and 3D shadows, provides significant time-savings.

Key Features

- OpenGL hardware accelerated rendering for realtime effects
- Realtime streaming audio and video previews
- User interface designed for easy effects design in 3D space
- Advanced 2D and 3D text and title animation capabilities
- Powerful realtime 3D particle emitters
- Realtime image processors and filters



Flare and Deformer



Imported 3D Models

Boris Blue is a standalone 3D compositor as well as a plug-in for Adobe After Effects, Adobe Premiere Pro, Avid Media Composer, Avid NewsCutter, and Avid Symphony.

RED

Award-Winning Titling, Effects, and Compositing Software

Boris RED is the only integrated 3D compositing, titling, and effects application to deliver unparalleled performance to NLEs from Adobe, Apple, Avid, Grass Valley, Media 100, and Sony.

An indispensable tool for post-production and broadcast professionals, RED offers a wide range of features right on your NLE timeline and adds a standalone engine for effects creation and rendering. RED integrates broadcast-quality text generators, paint, rotoscoping, a full suite of tools to create and extrude vector objects, true 3D shapes and animation, and the industry's most comprehensive image processing filter suite. Save time and money using one interface, in one system.

Key Features

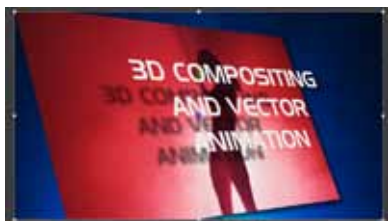
- 3D Text Tools
- Standalone Render Engine
- Motion Tracking
- Unwanted Object Removal
- All Graffiti & FX Features
- Image Restoration & Retouching
- Keying, Masking, & Compositing
- Raster & Vector Paint System
- Corner Pinning & Match Moving
- Optical Image Stabilization

"If I can imagine something, I can usually build it in RED. I'm excited to find out what Boris's wizards will come up with next."

- Alison Stevenson, editor and partner, Stable Recordings.

RED includes plug-ins for:

Adobe Premiere Pro, Adobe After Effects, Apple Final Cut Pro, Avid DS, Avid Media Composer, Avid NewsCutter, Avid Studio, Avid Symphony, Corel VideoStudio, Grass Valley EDIUS, Lightworks, Media 100 Suite, and Sony Vegas Pro.



3D Compositing



3D Text



Clone Paint



Lens Flare



Keying



Vector Text



Motion Tracking



Wipe Transition

FX

Effects, Transitions, Image Processing, Paint & Roto-scoping

With realistic lighting, advanced keying and color correction, compositing, DVE, vector paint, and support for third-party After Effects filters, Boris FX is a great value for effects creation in your video editing software. Vector paint and spline tools allow you to create animatable masks and transitions. A built-in Library Browser is packed with high quality pre-made effects. More than 115 video filters feature motion tracking and image stabilization. Create your own unique looks or draw from a vast library of presets and styles.

Key Features

- Over 115 Filter Effects
- 3D Shapes
- Hundreds of Presets
- Motion Blur
- 3rd-Party AE Plug-In Support
- Spline Based Masking System
- Up and Downstream Masking



Library Browser



Mosaic

FX includes plug-ins for:

Adobe Premiere Pro, Adobe After Effects, Apple Final Cut Pro, Avid DS, Avid Media Composer, Avid NewsCutter, Avid Studio, Avid Symphony, Corel VideoStudio, Grass Valley EDIUS, Lightworks, Media 100 Suite, and Sony Vegas Pro.

GRAFFITI

Integrated 2D and 3D Title Animation

From innovative lower thirds to silky-smooth credit rolls and trendy type on animations, Graffiti remains the gold standard for title animation across platforms and video editing software applications. Achieve one-of-a-kind effects with built-in text paths, jitter, or randomization. Expand in 3D with powerful and realistic 3D extrusions complete with reflections, bump maps, and lights or wrap your text around a 3D sphere. Create your own unique looks or draw from a vast library of presets and styles.

Key Features

- RTF & ASCII Text Import
- EPS Import & Extrusion
- Hundreds of Presets
- 3D Chart Generator
- Type-On and Jitter Effects
- Vector Text, Masks, & Paint
- Text on a Path
- 3rd-Party AE Plug-In Support



Styles



Title Animation

Graffiti includes plug-ins for:

Adobe Premiere Pro, Adobe After Effects, Apple Final Cut Pro, Avid DS, Avid Media Composer, Avid NewsCutter, Avid Studio, Avid Symphony, Corel VideoStudio, Grass Valley EDIUS, Lightworks, Media 100 Suite, and Sony Vegas Pro.

XML TRANSFER

Transfer your Projects to Adobe After Effects for Finishing

Boris XML Transfer is an Adobe After Effects plug-in designed for importing Apple Final Cut Pro and Avid Media Composer program sequences to After Effects. The plug-in preserves all aspects of a Final Cut Pro or Avid project including effects, audio, media clips, transitions, and geometric transformations.

Highlights

Clips Remain Fully Editable. All trimmed Final Cut Pro or Avid clips remain fully-editable in Adobe After Effects as stepped-up or stepped-down layers. Audio levels, pans, and cross-fades are accurately preserved and effects settings and keyframe animations are fully translated.

MultiCam Editing. Boris XML Transfer takes special care to preserve multi-clip edits.

Boris Continuum Complete and Final Effects Complete Compatibility. BCC and FEC effects provide the same look and keyframe values for every parameter.

Native Avid and Final Cut Pro Effects Translation. Many native Avid and Final Cut Pro effects are translated into corresponding After Effects features that match the effects' look and behavior.

Familiar Look and Feel. Translated After Effects projects will look very familiar to Final Cut Pro or Avid editors. User marks, comments and labels for clips and sequences, and all user-defined names are carried across from Final Cut Pro to After Effects.

No Transcoding or File Duplication Required. QuickTime-based media files are immediately available in After Effects without the need for transcoding or file duplication.

AAF TRANSFER

Bidirectional Sequence Transfer Tool for Final Cut Pro & Avid
Boris AAF Transfer provides a set of two Final Cut Pro plug-ins for transferring sequences between Final Cut Pro and Avid editing and finishing systems. One of the plug-ins exports Avid-compatible AAF format files from Final Cut Pro to Avid. The other plug-in imports AAF format files from Avid to Final Cut Pro.

Using Boris AAF Transfer, Avid and Final Cut Pro editors can exchange projects that include transitions, effects, image and time warps, 3rd-party effects, and keyframes. AAF Transfer supports online and offline workflows.

Unique Advantages

Boris Continuum Complete Compatibility. Transfer Boris Continuum Complete filters and transitions that were applied to clips while retaining all of the keyframed changes.

Avid DS Support. Boris AAF Transfer can exchange live program sequences between Final Cut Pro and Avid DS - with media, markers, cuts, dissolves, filters, and audio preserved. Boris AAF Transfer also supports Avid Media Composer, Avid Symphony, and Avid NewsCutter.

Alpha Channel Support. Transfer sequenced still images and video clips while retaining the alpha channel information. Transferred sequences look exactly the same regardless of whether you are editing in Avid or Apple Final Cut Pro.

Transfer Modes. Preserve transfer modes between Final Cut Pro and Avid editing and finishing systems that include the Boris Continuum Complete Composite filter.

Two Plug-Ins for One Low Price. Exchange sequences between Final Cut Pro and Avid for just \$299 USD.

MEDIA 100 SUITE

Media 100 Suite is fast, full-featured video editing software for Mac OS X. Featuring an easy-to-use, responsive interface and broad support for 4K, 2K, HD, and SD standards, Media 100 Suite delivers broadcast-quality output for tape and file-based workflows.

Integration with Adobe After Effects and Apple Final Cut Studio enables you to share projects among After Effects, Color and Final Cut Pro. You can export projects to Final Cut Pro for further editing and revisions, import Final Cut Pro sequences into Media 100 Suite, or export a Media 100 Suite sequence to Color for advanced color grading.

Media 100 Suite supports optional video I/O interfaces from AJA, Blackmagic Design, Matrox, and RED and provides AVCHD, AVC-Intra, FireWire, Panasonic P2, and Sony XDCAM acquisition interfaces¹.

Boris RED is included for integrated 3D compositing, titling and effects.

Broad support for 4K, 2K, HD and SD standards

- Support for dozens of video standards in SD, HD, 2K and 4K resolutions at rates from 23.98 to 60 FPS.
- All-On-One Mastering: capture and conform SD and HD resolutions.
- Real-time, broadcast quality HD to HD, HD to SD, and SD to HD format conversion with simultaneous HD and SD output for program out and monitoring².
- Real-time aspect ratio conversion (for preview, or when format converting on I/O)².

Simply Compatible, High Performance

- Native codec QuickTime support including DVCProHD, ProRes, REDCODE and more. Mix any supported codecs in one timeline without conversion or rendering.
- Work with native 2K and 4K REDCODE (R3D) media in real-time without transcoding. A smooth and simple workflow for shops that shoot in 4K and deliver in HD.
- RED Rocket accelerated rendering for REDCODE media.
- Mix video clips of different standards in one timeline with automatic scaling and frame aspect correction.
- Integrated HDV, Panasonic P2 acquisition, DV I/O, HDMI I/O, SDI I/O.
- Support for all legacy Media 100 timelines, bins and programs.

Multiple tracks, powerful effects

- Resize, zoom, rotate and reposition any image with the new motion editor.
- Integrated clip effects using Boris RED preset filters.
- Multiple video tracks (up to 99) with real-time timeline opacity controls. Full motion alpha channel support with real-time performance.
- Multi-channel audio acquire. Real-time audio effects with audio dynamics, reverb and EQ.
- Intuitive color correction and keyer with real-time performance.

¹Third-party products may be required.

²With compatible hardware.

	RED	Graffiti	FX	Blue	BCC	FEC
Integration and Productivity						
Host Integration	custom plug-in	custom plug-in	custom plug-in	custom plug-in	native filters	native filters
OGI Preview	●	●	●	●	●	
OGI Rendering				●	●	
Saved Presets	●	●	●	●	●	●
16 Bit Color Processing	●	●	●		●	●
Filters						
Total Filter / Shader Count	160+	35	115	100+	200+	110+
Film Effects / Match Grain	●				●	
Precise Keying	●		●	●	●	
Particle System	●		●	●	●	●
Time Warp, Optical Flow	●				●	
Compositing						
3D DVE, Apply Modes	●	●	●	●	●	
Paint and Roto	●	●	●	●		
Motion Tracker	●		●	●	●	●
3rd-Party AE Filters	●	●	●	●		
Motion Blur	●	●	●	●	●	
Text and Graphics						
3D Text, Bumps, Reflections	●	●		●	●	
EPS Animate, Extrude	●	●		●	●	
3D Charts	●	●				
3D Model Import				●		
Credit Rolls, Type On	●	●		●		