**This Ultimatte AdvantEdge Release Notes
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Please visit www.ultimatte-software.com
to purchase the Ultimatte AdvantEdge plugin.

ultimatte advantedge

• Release Notes for Ultimatte AdvantEdge 1.6.4 •

• AdvantEdge Minimum System Requirements •

Windows:

Intel Pentium III 900Mhz or higher
Windows NT/2000/XP Pro/Vista
(Win 98, ME are not supported)
512MB RAM

Macintosh:

G5 or Intel Macintosh
Mac OS X 10.4
512MB RAM

Linux:

Intel Pentium III 900Mhz or higher
Red Hat v8.0 or higher
512MB RAM

SGI:

R12K 250 MHz
IRIX v6.5.x or higher
512MB RAM

• Currently Supported Host Applications •

For Windows:

Adobe PhotoShop v5.5 or higher
Adobe After Effects v5.0 or higher
Adobe Premiere v6 or higher (excluding Premiere Pro)
Autodesk Combustion v1.2 or higher
Avid - All Windows products supporting AVX v1.5
Avid DS 6, 7 and 8 (32-bit only)
Eyeon Digital Fusion v3.12 or higher

For Mac OS X:

Adobe PhotoShop v7.0 or higher
Adobe After Effects v5.5 or higher
Apple Final Cut Pro v5.0 or higher
Apple Shake v.3.5 or higher

Autodesk Combustion v2.0.1 or higher
Avid - All Mac products supporting AVX v1.5
media 100i v8.0 or higher
media 100 sw v10.2 or higher

For Red Hat Linux:

Apple Shake v3.5 or higher

For SGI IRIX

Autodesk - Flame, Inferno, Fire, Smoke, and Flint supporting Discreet SDK v4.0/7.0 or higher (32-bit only)

• Summary Of What's New In This Version •

Macintosh
- New FxPlug version of AdvantEdge for Final Cut Pro.
- Some licensing issues with Final Cut Pro plugin fixed.
- Installer application is now more robust.

Windows
N/A.

IRIX
N/A.

• Notes, Issues and Known Bugs Per Host Application •

All Platforms:

Double clicking on a chosen data point while using Color Conformance through Automation may choose wrong color.
16-bit mode operation:
1) Enabling Video Correction (DV) while in 16-bit mode, changes screen to black. Do not use Video Correction in 16-bit mode.
2) When using Shadow controls, Shadow High value is improperly set to 0. User must manually change Shadow High to the maximum value before adjusting sliders or using "Hold Shadow" or "Remove Noise" eyedroppers with the Matte automation tools.

For Windows:

Avid AVX 1.5

Due to a known bug in the Avid AVX1.5 architecture, using multiple instances of AdvantEdge, with different numbers of inputs, causes the Avid application to crash. If multiple instances of AdvantEdge will be used in the same project, be sure to choose 4 tracks when the "Select Number of Tracks" dialog box appears after adding the AdvantEdge plug-in to a track or group of tracks in the timeline. It is NOT necessary to have an equal number of video tracks. All desired inputs should be enabled by clicking "on" the eyes from the Inputs Palette within the AdvantEdge interface.

Some codecs may produce unexpected field display results within AdvantEdge. Use the Field Display toggle button until a satisfactory display appears.

Interlaced footage in conjunction with some codecs can render a Clean Plate input unusable.

Eyeon Digital Fusion v3.12 or higher

If a foreground sequence is missing frames, be sure to set "Missing Frames" in the Digital Fusion Loader to "Output Black" if advancing frames inside the AdvantEdge interface. If any other "missing frames" option is chosen from Digital Fusion, AdvantEdge will crash Digital Fusion when the missing frame is reached inside AdvantEdge. This only occurs in the AdvantEdge UI, but will render properly from within Digital Fusion.

If you are experiencing problems when using AdvantEdge in Digital Fusion, try configuring for _One Simultaneous Render_ and _No Simultaneous Branching_

Digital Fusion users whose Windows locale settings use a comma as the decimal separator must change the windows locale settings to use a period (.) instead of a comma (,) for the decimal delimiter so that decimal numbers (eg in the calculator) appear like this: 123.456 not this: 123,456.

The procedure is as follows:

Digital Fusion on WinXP
1. Start -> Control Panel
2. Open Regional and Language Settings
3. Select the Regional Options tab (should be by default)
4. Click Customize
5. Select the Numbers tab (should be by default)
6. In the Decimal Symbol field, change comma (,) to period (.)

Digital Fusion on Win2K
1. Start menu -> Settings->Control Panel->Regional Options
2. Select the Numbers tab
3. Change decimal symbol from a comma (,) to a period (.)

Adobe Premiere (excluding Premiere Pro)

Due to a limitation of the Adobe Premiere Plugin SDK, the AdvantEdge Interface is always launched on the first frame of the associated video sequence. Use the Frame Jogger (Time Controls) to view subsequent frames.
All auxiliary inputs used in Premiere must be single frames (not sequences or movie files.)

Adobe Photoshop

When using AdvantEdge in Photoshop versions prior to CS2, additional RAM above 1GB provides no improvement on maximum image size. If the limit is reached (for example the non-CS2 limit is approximately an image size of 50MB) an error message or hang will occur.

For Mac OS X:

Avid AVX 1.5

Due to a known bug in the Avid AVX1.5 architecture, using multiple instances of AdvantEdge, with different numbers of inputs, causes the Avid application to crash. If multiple instances of AdvantEdge will be used in the same project, be sure to choose 4 tracks when the "Select Number of Tracks" dialog box appears after adding the AdvantEdge plug-in to a track or group of tracks in the timeline. It is NOT necessary to have an equal number of video tracks. All desired inputs should be enabled by clicking "on" the eyes from the Inputs Palette within the AdvantEdge interface.

Some codecs may produce unexpected field display results within AdvantEdge. Use the Field Display toggle button until a satisfactory display appears.

Interlaced footage in conjunction with some codecs can render a Clean Plate input unusable.

Autodesk Combustion

When manually entering a numeric value in a text-edit box, user must use the "Enter" key (as opposed to the Return Key) which can be found in the numeric keypad section of the keyboard.

Ensure the Feedback switch is ON in the combustion interface before entering AdvantEdge.

Apple Final Cut Pro

When the active sequence uses a codec that is set to RGB instead of YUV, the foreground may disappear from the canvas window after clicking in the playback head marker area. Changing frames by other means (for example, left and right arrow keys) will cause the foreground to reappear (or prevent it from disappearing.) When the sequence codec is being used in YUV mode, this problem is not present.

Video Chroma Correction no longer auto detects in Final Cut Pro 5. For source footage to which Video Chroma Correction is appropriately applied, the type of Chroma Correction must be selected manually in the advanced controls.

Auxiliary inputs (such as the Background and Clean Plate) may fail to load in FCP 6.

Apple Shake

Frame jogger does not work (all versions.)

AdvantEdge must be installed manually for versions prior to Shake 4. Do not select Shake 3.5 during the install process or the Shake 4 version of AdvantEdge will be installed and will not function properly.

To install a Shake plugin manually:

1. Locate /Ultimatte AdvantEdge1.6.2/Shake3.5/ and copy the **icons** folder.
2. In a second Finder window, right-click on the Shake application icon. Choose **Show Package Contents**. Go to Contents/Resources and paste the icons folder.
3. Similarly, copy AdvantEdge_Shake.bundle to Contents/Plugins/startup.
4. Copy AdvantEdgeUI.h to Contents/Resources/Plugins/startup/ui/.

media100

media100 will show up during install as an option among the detected After Effects installs. Do not choose media100 from this list of After Effects installs. Choose an After Effects install only. Your media100 plugin will be installed later in the process if a media100 application is installed on your system.

Adobe Photoshop

Attempting to load large images into AdvantEdge with insufficient RAM present, will often cause a hang or crash. For example, an image size of approximately 200MB (about 6000 pixels by 6000 pixels) will cause a crash on a Mac that has 2.5GB of RAM installed.

Adobe After Effects CS3 (v8)

In a two monitor setup, placing the Project window and the Effects Control window on the second monitor may cause the AdvantEdge interface to be non-responsive.

• Cumulative Release Notes •

###
Release Notes for AdvantEdge v1.6.4

* Added FxPlug version of AdvantEdge for Final Cut Pro.

***Bug Fixes

* Final Cut Pro plugin would fail to relinquish license just after startup when plugin was not actually being used.

*** Fixed in version 1.6.4 ***
* Macintosh installer would often fail to properly install needed frameworks.
*** Fixed in version 1.6.4 ***

###
Release Notes for AdvantEdge v1.6.3

* Added Universal Binary support for the latest Avid AVX products.
* Added Universal Binary support for Adobe CS3 products.
* Added Universal Binary support for Apple Shake.

###
Release Notes for AdvantEdge v1.6.2

* Dropped support for Mac OS 9
* Added support for Shake 4.0 on Mac OS X
* Added support for Avid OS X 10.4 updates(Xpress DV 4.8, Xpress Pro 4.8, Adrenaline 1.8)
* Added 16-bit support in Photoshop
* Improved memory utilization in Photoshop.
* Added Digital Fusion 5 compatibility
* Added Premiere Pro compatibility
* Rendering speed improvements in all host applications
* Removed support for media100 (Windows - Mac version still included)
* Removed support for Incite Editor
* Removed support for Shake on IRIX

***Bug Fixes

* Fixed crashing problem in Final Cut 5
*** Fixed in version 1.6.2***

* Fixed logo rendering issues in After Effects 7
*** Fixed in version 1.6.2***
* Fixed 16 Bit support in Combustion
*** Fixed in version 1.6.2***

###
Release Notes for AdvantEdge v1.6.1

* Added support for:
RedHat Linux: Apple Shake 3.5
Mac OSX: Apple Shake 3.5

***Bug Fixes

* Fixed bug in Photoshop plug-ins that limited image size to <100MB.
*** Fixed in version 1.6.1***

* Fixed bug in AVX(Avid) plug-ins that caused crashing/hanging when re-entering the UI.
*** Fixed in version 1.6.1***

###
Release Notes for AdvantEdge v1.6.0

* Added support for:
RedHat Linux: Apple Shake 3.0 and 3.01
SGI Irix: Apple Shake 3.0 and 3.01
Mac OSX: Apple Shake 3.0 and 3.01

***Bug Fixes

* Fixed bug in AVX1.0 for AVID|DS: entering the AdvantEdge custom interface a second time on dual cpu machines was causing the host application to crash.
*** Fixed in version 1.6.0***

* Saved .upl (parameter settings) files had some invalid parameter settings when re-loaded.
*** Fixed in version 1.6.0***

###
Release Notes for AdvantEdge v1.5.5

***Bug Fixes

* Network Wibu-Key License's fail unpredictably and significantly retard performance. Introduced in 1.5.4
Fixed in version 1.5.5

###
Release Notes for AdvantEdge v1.5.4

***Bug Fixes

* Choosing PFG as Output (not PFG + Alpha) outputs alpha channel
Fixed in version 1.5.4

* AdvantEdge Versions < 1.5.4 have an inefficiency in roto screen correction resulting in longer-than-necessary rendering times.
Fixed in version 1.5.4

* Rendered processed foregrounds will occasionally contain random noise outside Crop Region (Guides).
Fixed in version 1.5.4

###
Release Notes for AdvantEdge v1.5.2

***Bug Fixes

* AdvantEdge 1.5.0 crashes when launching the interface with an older (pre-1.5.0) project.
Fixed in version 1.5.2

###
Release Notes for AdvantEdge v1.5.0

***New features added:

* "Matte Correction" LED checkbox which enables or disbles kernel-based processing, thereby providing a faster, but less-featured, matte extraction algorithm.

* Matte Shrink and Blur controls have been added to the Matte Density control menu if Matte Correction is disabled.

* "Auto Proxy" (Proxy Menu): Within AdvantEdge interface, all rendering is prioritized with respect to resolution and viewport dimensions. Visible region is rendered and displayed at viewed resolution before off-screen areas.

* "Workspace Settings" (Settings Menu): gives user the capability of choosing default interface settings including:
    - single or dual panel display
    - horizontal or vertical split-screen on/off
    - Invert Matte View
    - Invert Overlay View
    - More or Less toolset
    - Hide/Show Guides
    - Hide/Show Sample Backing Color Sample Pixel

- Proxy Scale

* Space-Bar Playback: Space-Bar toggles play/pause of foreground sequence.

***Bug Fixes:

* Some older .upl files not opening correctly
Fixed in version 1.5

* Win & Mac OSX:
Adobe Premiere
Memory leakage when using a garbage matte
Fixed in version 1.5

* Irix
Discreet IFFFS
Inability to enter text in text fields or dialog boxes
Fixed in version 1.5

###
Release Notes for AdvantEdge v1.1.3
* Added support for:

Windows: Avid DS6
        Media100 844X
        Incite Editor 3.0

Mac OSX: Media100i v8.0

###
Release Notes for AdvantEdge v1.1.0
* Added support for:
Mac OSX: Apple Shake v.2.5

***New features added:

* "Black or White Logic", allowing for compositing of images originally shot against black or white screens.

* "HoldOut Matte" input to notify AdvantEdge to force matte to be 100% opaque in the area of the hold-out matte.

* "View Palette" for easier changing of image in display area.

* "Snapshot" view to store a frame for later retrieval and comparison.

* "Keyboard shortcut "Shift F" to allow re-sizing of AdvantEdge interface for dual monitor systems where AdvantEdge fills the desktop. (Note: Be careful to exit AdvantEdge using ìOKî or ìCancelî before returning to host application.)

Mac OSX, Mac OS9, Win:
For Photoshop7.0:
* Accessing layers from within the document to act as inputs to AdvantEdge.

Mac OSX:
For After Effects 5.5

* Intermittent lock-up in Load or Save Settings Dialog Box within AdvantEdge interface. Try hitting ESC to clear dialog box and continue working with AdvantEdge. If this happens, the ability to save and load settings files will be unusable.
Fixed in version 1.1.0

All Platforms:

For 16-bit mode operation:
* After sampling Backing Color, the RGB value is represented as 255,255,255. This is only a display issue and the correct 16-bit value is being used internally by AdvantEdge.
Fixed in version 1.1.0

* Ambience controls are disabled, although user is able to enter text values or move sliders. No change is applied to the image.
Fixed in version 1.1.0

* Shadow Tint controls are disabled, although user is able to enter text values or move sliders. No change is applied to the image.
Fixed in version 1.1.0

##

Release Notes for AdvantEdge v1.0.4
* Added support for:
Mac OSX: Adobe Premiere v6.5

##

Release Notes for AdvantEdge v1.0.3

* Added support for:
Mac OS9: Adobe Premiere v6.5
Mac OSX: Avid xPress DV v3.5

* New feature added: Proxy Mode...use 1/2, 1/4, 1/8 resolution for faster previewing of image and adjustments from within AdvantEdge interface. This is for preview only and the image will be output at full resolution. Note: Since proxy mode "reduces" pixel accuracy, be careful about checking your settings at full resolution prior to rendering.

* Clicking "OK" or "Cancel" in AdvantEdge interface while processing will crash AdvantEdge and host application.
***Fixed in version 1.0.3

Mac OSX:

For After Effects 5.5
* Intermittent lock-up in Load or Save Settings Dialog Box within AdvantEdge interface. Try hitting ESC to clear dialog box and continue working with AdvantEdge. If this happens, the ability to save and load settings files will be unusable.

##

Release Notes for AdvantEdge v1.0.2

Mac OS9:

For After Effects 5.5
* Intermittent crash of After Effects upon exiting AdvantEdge interface
Fixed in version 1.0.2

* Clean Plate and/or Background layers levels dimmed when running in 16-bit
Fixed in version 1.0.2

For Photoshop
* Applying AdvantEdge to a layer with transparency, would destroy transparency when exiting
AdvantEdge interface
Fixed in version 1.0.2

Mac OSX:

* In 16-bit mode, display not accurate
Fixed in version 1.0.2

For After Effects 5.5 and Combustion
* Clean Plate and/or Background layers levels dimmed when running in 16-bit
Fixed in version 1.0.2

Windows:

For Premiere 6.0
* Cursor inaccuracy in AdvantEdge interface when image zoomed or panned.
Fixed in version 1.0.2

For After Effects 5.5 and Combustion
* Clean Plate and/or Background layers levels dimmed when running in 16-bit
Fixed in version 1.0.2

Irix:

For Discreet IFFFS
* Cursor inaccuracy in AdvantEdge interface when image zoomed or panned.
Fixed in version 1.0.2

###

Release Notes for AdvantEdge v1.0.1
Windows:

Photoshop
* Memory allocation failure upon opening plug-in on medium or large sized images.
Fixed in version 1.0.1.

Premiere, Digital Fusion
* Zooming does not zoom to chosen area

Fixed Version 1.0.1

Mac OS9:

* FinalCut Pro crashes upon opening the AdvantEdge plug-in interface.
AdvantEdge plug-in for FinalCut Pro removed from installer until further notice.