



## Colour Management Suite for Acquisition, DI, Post and Exhibition

*Release Date: March 31, 2010*

### **What's new in cineSpace V2.8 ?**

The film and television industry's most widely adopted and flexible colour management solution, cineSpace, has evolved once again. The cineSpace 2.8 release brings major enhancements to the user experience and delivers even more options for your colour workflow, making it the clear choice for ensuring colour consistency in the world of digital intermediates, visual effects, broadcast, animation and games. Read on to discover the highlights...

### **cineCube Visual**

*Display reference colour visualization and LUT building application*

cineCube Visual was a major new addition to the cineSpace colour management suite in version 2.7, cineCube Visual is a powerful GUI-based application for generating colour transforms. Transforms can be previewed applied to an image and then saved in a variety of 3D LUT (cube) formats ready for use in a huge range of industry applications and hardware, making it easy to achieve a calibrated pipeline no matter which tools you use.

cineCube Visual provides powerful visualisation tools that allow you to analyse colour gamuts, helping you identify issues with viewing devices, film outs and more. Now you can compare how well different monitors will handle film material, analyse your specific film out path compared with "typical" examples and track down out-of-gamut issues. More than just a basic "LUT builder", cineCube Visual is invaluable for learning and teaching others about colour management concepts. Both cineCube Visual and the existing command-line tool, cineCube, now support the Academy/ASC LUT file format in addition to a long list of previously supported formats, making cineSpace the most open and flexible colour management solution for the film industry.

#### **New in cineCube Visual V2.8**

- *Linux 32/64 bit support*
- *Direct LUT export to Cine-tal products including DAVIO and Cinemage*
- *Selectable output colourspace conversion*
  - ✓ *XYZ,*
  - ✓ *XvYcc*
  - ✓ *RGB*
  - ✓ *YCxCz*
- *Multiple out-of-gamut mapping methods*
  - ✓ *LAB constant hue*
  - ✓ *IPT constant hue*
  - ✓ *CCLIP*
  - ✓ *SCLIP*
- *sLog, RedLog and other pre-transforms*

## **cineProfiler** **cineProfiler lite**

*Display reference profiling application*

### ***cineProfiler***

Accurate colour matching begins with precise profiling of your display and colour pipeline. cineProfiler both optimizes and profiles your output devices across all types of display technology and light sources including CRT, LCD, Plasma, DLP, and LED. cineProfiler will create accurate profiles for all your viewing equipment. These profiles are then loaded into the other applications in the cineSpace suite to deliver accurate colour matching. cineProfiler features integration with Cine-tal hardware, enabling cineProfiler to connect directly to the DAVIO display processor and Cinemage monitor for profiling patch generation. cineProfiler communicates with the Cine-tal hardware over your local network, ensuring fast and reliable profile creation no matter what type of display or signal path you are using.

### **New in cineProfiler V2.8**

- *Panasonic Plasma Profiling*
- *Wider support of colorimeters and spectral photometers.*
  - ✓ *XRite Eye One Display2*
  - ✓ *XRite Hubble*
  - ✓ *XRite Eye One Pro*
  - ✓ *HP Dreamcolor Colorimeter*
  - ✓ *LaCie Blue eye 2*
  - ✓ *Sencore OTC-1000*
  - ✓ *Klein K-10*
  - ✓ *Klein K-1*
  - ✓ *Klein K-8*
  - ✓ *Photo Research PR-655*
  - ✓ *Photo Research PR-670*
  - ✓ *Photo Research PR-680*
  - ✓ *Photo Research PR-701*
  - ✓ *Photo Research PR-705*
  - ✓ *Photo Research PR-715*
  - ✓ *Progressive Labs MicroSpec*
  - ✓ *Flanders Scientific SR-1*
  - ✓ *Minolta CS-1000*
  - ✓ *Minolta CS-200*
  - ✓ *Minolta CS-100a*

### ***cineProfiler-Lite***

Accurate profiling of LCD based display systems.

### **New member of the cineSpace V2.8 Colour Management Suite**

- *Free version of cineProfiler*
- *Supports the following colorimeters.*
  - ✓ *XRite Eye One Display2*
  - ✓ *HP Dreamcolor Colorimeter*
  - ✓ *LaCie Blue eye 2*

## **cineNuke Plugin**

*Colour Management using 1D and 3D transforms from cineSpace profiles for The Foundry's NUKE*

Nuke is a powerful compositing application that delivers unparalleled speed, functionality and flexibility to your VFX pipeline. The cineNuke Plugin provides the cineSpace 3D colour management engine directly incorporated into the Nuke application version 6.0 and X. You can take advantage of full 3D colour transforms to ensure a perfect match to your output result, whether your final output is film, HD, DCI, Event Venue, Mobile displays etc. cineSpace colour management allows you to view the final result as it will really appear. Adjust parameters "on-the-fly" with immediate visual feedback, with options for working in linear or logarithmic colour spaces and gamut treatment mode for identifying out-of-gamut colours. You can even "burn-in" the film look for sending to HD output or delivering off-site client previews. The Inverse Transform option to cineNuke allows you to create transforms to accurately convert your graded video material into log space, ready for printing to film. Combined with our Custom Film Profiling service, you can even ensure that film outs through different labs all look the same.

### **New in cineNuke Plugin V2.8**

---

- *cineSpace colour management support for Nuke & NukeX 6.0*

## **cinePhotoshop Plugin**

*Colour Management using 1D and 3D transforms from cineSpace profiles for Adobe Photoshop*

New to the cineSpace suite of tools is the cinePhotoshop Plugin. This plugin provides the cineSpace 3D colour management engine directly incorporated into the Adobe Photoshop application. You can take advantage of full 3D colour transforms to ensure a perfect match to your output result, whether your final output is film, HD, DCI, Event Venue, Mobile displays etc. cineSpace colour management allows you to view the final result as it will really appear. Adjust parameters "on-the-fly" with immediate visual feedback, with options for working in linear or logarithmic colour spaces and gamut treatment mode for identifying out-of-gamut colours. You can even "burn-in" the film look for sending to HD output or delivering off-site client previews. The Inverse Transform option to cinePhotoshop allows you to create transforms to accurately convert your graded video material into log space, ready for printing to film. Combined with our Custom Film Profiling service, you can even ensure that film outs through different labs all look the same.

### **New member of the cineSpace V2.8 Colour Management Suite**

- *cineSpace colour management support for Adobe Photoshop*

## **Inverse Transform option for cineCube Visual, and cinePlugins**

*New data transforms for HD to film, film to HD and other workflow pipelines.*

cineSpace is renowned for delivering an accurate on-screen preview of the final output by providing tailored viewing transforms. Starting in version 2.7, cineSpace now offers an Inverse Transform option designed to modify the underlying image data so that it becomes suitable for output to a different medium. Now you have control over exactly how your creative vision will look when sending video-graded material to film, instead of relying on unpredictable results from film recorders or costly specialist lab services.

The Inverse Transform option activates this functionality in multiple cineSpace components, including cineCube Visual and the cinePlugins, providing alternatives for applying the colour transforms in your pipeline. Some applications include:

### Video-to-film pipeline

Material graded for HD (Rec 709) delivery can be easily transferred to film without the need for a full re-grade. Build an Inverse Transform based on your exact film out path, render it into the material and then preview the results using a standard cineSpace viewing transform -you can then make any final tweaks before recording to film. Even pure CG animation, with its highly saturated primary colours, can be prepared for a film release by adjusting the transform parameters as needed, previewing the results along the way.

### Film-to-film transforms

In many cases, the final film out path may not be known at the outset of a project, with film stocks, recorder or lab changing after colour critical work has commenced. When this happens, cineSpace can be used to generate an Inverse Transform that adjusts the graded material so that it looks the same when delivered through a different film out path. By generating a cineSpace Custom Film Profile for each possible combination of film stocks, recorder and lab, you can choose one to use as your target profile during grading and then build an Inverse Transform to adjust the images for delivery based on a different target profile. Now you can be confident that your creative choices will always be faithfully reproduced on the final print, even when unexpected changes occur.

### ***New in Inverse Transform option V2.8***

---

- *Supports cineNuke plugin for Nuke & NukeX 6.0*
- *Supports cineCube Visual 2.8*

## cineSpace Colour Management Suite V2.8 Quick Reference Guide

Release Date: March 31, 2010

	<b>New Features</b>	<b>Upgrade Price</b>	<b>Upgrade Price under current Software Maintenance Agreement</b>
cineProfiler	<ul style="list-style-type: none"> <li>• <i>Panasonic Plasma Profiling</i></li> <li>• <i>Wider support of colorimeters and spectral photometers.</i> <ul style="list-style-type: none"> <li>✓ <i>XRite Eye One Display2</i></li> <li>✓ <i>XRite Hubble</i></li> <li>✓ <i>XRite Eye One Pro</i></li> <li>✓ <i>HP Dreamcolor Colorimeter</i></li> <li>✓ <i>LaCie Blue eye 2</i></li> <li>✓ <i>Sencore OTC-1000</i></li> <li>✓ <i>Klein K-10</i></li> <li>✓ <i>Klein K-1</i></li> <li>✓ <i>Klein K-8</i></li> <li>✓ <i>Photo Research PR-655</i></li> <li>✓ <i>Photo Research PR-670</i></li> <li>✓ <i>Photo Research PR-680</i></li> <li>✓ <i>Photo Research PR-701</i></li> <li>✓ <i>Photo Research PR-705</i></li> <li>✓ <i>Photo Research PR-715</i></li> <li>✓ <i>Progressive Labs MicroSpec</i></li> <li>✓ <i>Flanders Scientific SR-1</i></li> <li>✓ <i>Minolta CS-1000</i></li> <li>✓ <i>Minolta CS-200</i></li> <li>✓ <i>Minolta CS-100a</i></li> </ul> </li> </ul>	\$125	No Cost
cineProfiler Lite	<ul style="list-style-type: none"> <li>• <i>Panasonic Plasma Profiling</i></li> <li>• <i>Wider support of colorimeters and spectral photometers.</i> <ul style="list-style-type: none"> <li>✓ <i>XRite Eye One Display2</i></li> <li>✓ <i>HP Dreamcolor Colorimeter</i></li> <li>✓ <i>LaCie Blue eye 2</i></li> </ul> </li> </ul>	No Cost	No Cost
cineCube Visual	<ul style="list-style-type: none"> <li>• <i>Linux 32/64 bit support</i></li> <li>• <i>Direct LUT export to Cine-tal 's DAVIO and Cinemage</i></li> <li>• <i>Selectable output colourspace conversion</i> <ul style="list-style-type: none"> <li>✓ <i>XYZ,</i></li> <li>✓ <i>XvYcc</i></li> <li>✓ <i>RGB</i></li> <li>✓ <i>YxCz</i></li> </ul> </li> <li>• <i>Multiple out-of-gamut mapping methods</i> <ul style="list-style-type: none"> <li>✓ <i>LAB constant hue</i></li> <li>✓ <i>IPT constant hue</i></li> <li>✓ <i>CCLIP</i></li> <li>✓ <i>SCLIP</i></li> </ul> </li> </ul>	Single- \$2,950  Floating - \$5,950	Single- \$1,450  Floating - \$2,950
Equal eyes	No updates	No Cost	No Cost
ProbeServer	<ul style="list-style-type: none"> <li>• <i>Wider support of colorimeters and spectral photometers.</i></li> </ul>	No Cost	No Cost
Nuke Plugin	<ul style="list-style-type: none"> <li>• <i>cineSpace colour management support for Nuke &amp; NukeX 6.0</i></li> </ul>	\$495	\$245
Shake Plugin	No updates	No Cost	No Cost
FilmMaster Plugin	No updates	No Cost	No Cost
Fusion Plugin	No updates	No Cost	No Cost
Photoshop Plugin	New member to the cineSpace Colour Management Suite	\$995	\$995
Inverse Transform	<ul style="list-style-type: none"> <li>• <i>Supports cineNuke plugin for Nuke &amp; NukeX 6.0</i></li> <li>• <i>Supports cineCube Visual 2.8</i></li> </ul>	No Cost	No Cost