



cineSpace™ 2.7

colour management for the film industry

What's New in cineSpace™

The film and television industry's most widely adopted and flexible colour management solution, cineSpace, has evolved once again. The cineSpace 2.7 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

New GUI-based LUT building application

A major new addition to the cineSpace colour management suite, cineCube Visual is a powerful GUI-based application for generating colour transforms. These 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.

Cine-tal hardware integration

cineProfiler communication with eL1000 and Cinéma gé

cineSpace 2.7 now features integration with Cine-tal hardware, enabling cineProfiler to connect directly to the eL1000 display processor and Cinéma gé 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. Measure your profile, generate a LUT in cineCube Visual and load it directly into the hardware, delivering accurate calibration independent of other tools in your pipeline.



Inverse Transforms

New data transforms for HD to film pipelines and more

cineSpace has always been renowned for delivering an accurate on-screen preview of the final output by providing tailored viewing transforms. With the new 2.7 release, cineSpace now offers an Inverse Transform option¹ 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.

Ready for more?

cineSpace 2.7 is available NOW, so get in touch with your local reseller or contact the cineSpace team for more information:

Email: cineSpace-sales@rsrhq.com

Web: <http://cineSpace.rsrhq.com>

Phone: +61 8 8400 6494

¹ The Inverse Transform option is available as an additional cost option with cineSpace software packages