



# PRESS RELEASE

For immediate release

## SPEOS software by OPTIS guarantees true color visualization, whatever the screen

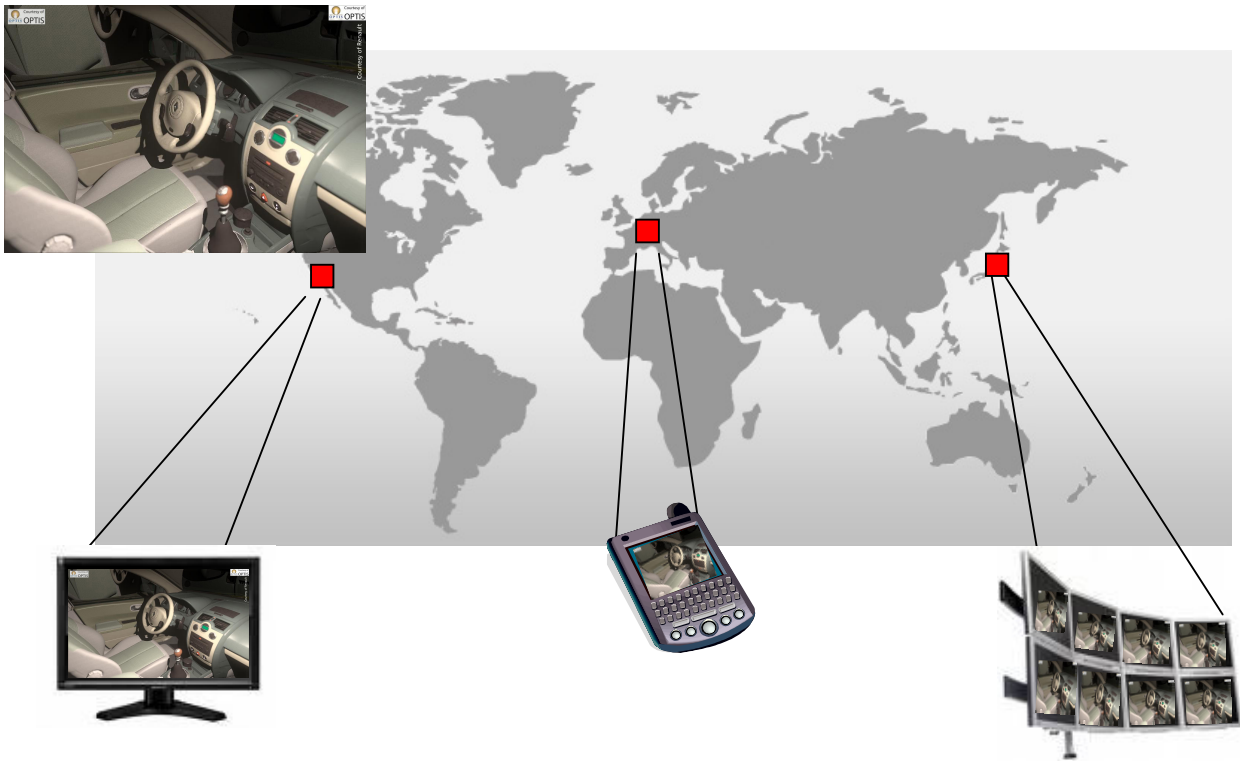
**Toulon, France Friday, 13 February 2009.** - OPTIS has today announced that its revised SPEOS software complies with ICC (International Color Consortium) Color Profiles ensuring that users of its light and optical simulation solutions view colors correctly and identically – regardless of the type of screen being used. OPTIS is the leading provider of physics-based light simulation solutions with many applications in the automotive, aerospace, electronics, lighting and consumer goods industries.

An example of where ICC compatibility is invaluable is in today's process of product design. Take the automotive interior designer based in a design studio in California, working on a new seating design. The work in progress, including color schemes and choice of materials, is shared with the manufacturer, who is based in Germany, and of course all results are shared with the customer, a Japanese car maker in Tokyo.

The latest enhancements to the SPEOS software means users can be sure that the color they see on their screen is the same one their collaborators are seeing on *their* screens, on the other side of the world. And moreover, they can be certain that everyone is seeing the right color i.e. the one which will appear on the final product.

As a consequence of making its SPEOS software compatible with the latest standard Color Space ICC V4 profile the OPTIS range of products guarantee accurate and identical color visualization across different display devices. OPTIS' unique spectral simulation approach has made this innovation possible.

Until now, viewers would experience significant differences in color depending on whether they were viewing colors on an LCD, CRT or PDA screen; even two screens of the same type could display colors differently if luminosities varied. The SPEOS software compensates and corrects such problems by taking into account the luminosity and adjusting the colors accordingly. The result is that all parties see the same color during development and again on the final product.



“Collective decision-making based on visual appearance of virtual prototypes, without having to worry about whether the colors are displayed correctly, is the dream of all designers and product engineers. Decision makers can now validate materials and colors in unlimited lighting environments directly within their CAD software.” CEO and President of OPTIS, Jacques Delacour.

ICC Profile compatibility is the latest in a series of world firsts for OPTIS: its past milestones have included developing the only software to base its light simulations on the physical properties of materials, surfaces, thus guaranteeing the true-life realism of SPEOS results. SPEOS is the only software to base its vision simulation on a physiological human eye model, enabling users to simulate objects as they would appear in a given environment even when the object is emitting light. SPEOS is also the only light simulation software to be fully integrated in CAD software CATIA V5 and SolidWorks, and has been so since 2003.

OPTIS has dedicated its R&D department's efforts to providing product designers with software tools and technologies to make their jobs easier and their designs more advanced. OPTIS re-injects 35% of its turnover back into R&D.

**About OPTIS:**

OPTIS is the world leading software editor for the scientific simulation of light and human vision within a Virtual Reality Environment. Its solutions allow designers, ergonomists and engineers to simulate and optimize lighting performance, product appearance as well as the visibility and legibility of information on Human Machine Interfaces, in a fully-immersive environment.

Since integrating its SPEOS solution in CATIA V5 in 2002, OPTIS is still the only company to provide a light simulation solution fully based on a physical model inside a CAD/CAM software.

OPTIS has delivered more than 5500 licences to 1500 customers in 36 countries worldwide. Users include most of the major automotive, aerospace, electronics, white goods and lighting manufacturers, as well as architects, universities, research laboratories and defence agencies. They use the SPEOS technology to design, simulate and visualise in a Virtual Reality environment, products as diverse as automotive lighting, mobile phone screens and keypads, dashboard and cockpit displays, LCDs, LEDs, luminaires, and optics for industrial vision and medical applications. For more information, visit [www.optis-world.com](http://www.optis-world.com)"

More information can be found at <http://www.optis-world.com>

OPTIS Press Contact: Angela GREEN

[agreen@optis-world.com](mailto:agreen@optis-world.com)

Telephone: +33 494086690

For more information on ICC : [www.color.org](http://www.color.org)

