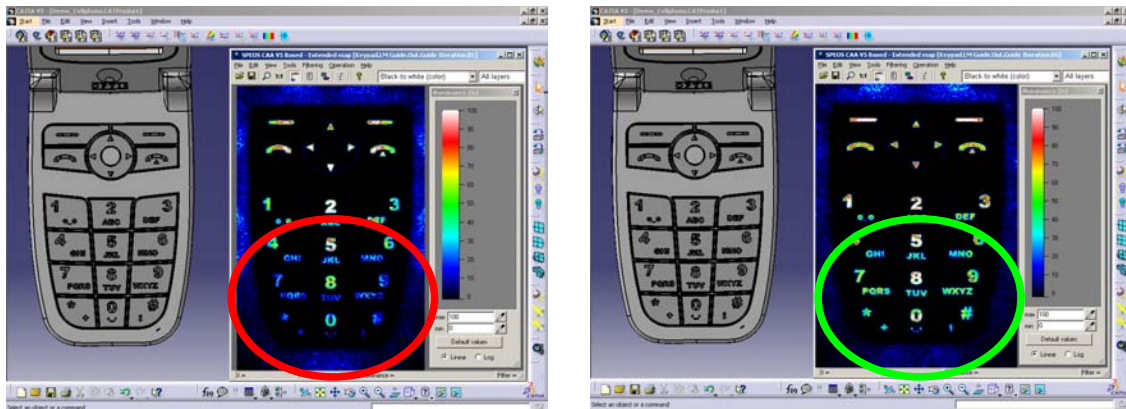


Optimizing optical performances and light effects is now possible

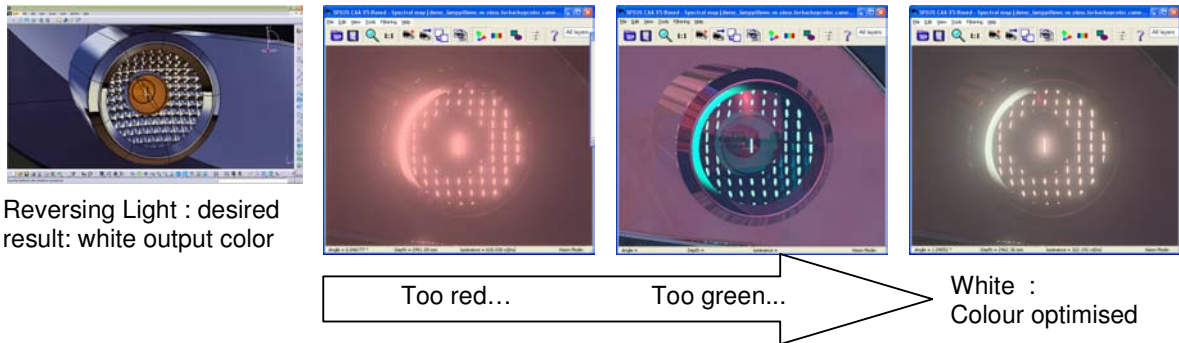
thanks to new OPTIS and NOESIS software interoperability



*Automatic optimisation of a mobile phone keypad lighting :
Left: Before optimisation, lower keys hardly visible. Right: After, uniform light distribution increases legibility*

Toulon, France. Monday, October 22, 2007. OPTIS, the world's leading provider of light simulation solutions and Noesis Solutions, specialist in performance optimization, today announce the interoperability of their respective CATIA V5-integrated solutions.

The interoperability between OPTIS' SPEOS CAAV5 Based software and NOESIS PLM Optimization CAAV5 Based software means that users in industries as varied as automotive, aircraft, consumer goods, packaging, electronic display and architecture, will be able to easily optimize the performance, visual appearance and color of the lighting systems they design.



Reversing Light : desired result: white output color

Too red...

Too green...

White :
Colour optimised

Thanks to automatic optimisation, the software finds on its own the optimal concentration of green plastic for the screen behind the red glass, in order to obtain a white which will comply with standards

OPTIS and NOESIS, both CAA V5 partners of Dassault Systèmes, give CATIA V5 users unique, direct access to advanced capabilities: optimization, tolerancing and robustness evaluation capabilities to assist their lighting system design, within one single, intuitive environment and as part of their overall PLM cycle.

Thanks to these optimization capabilities, the SPEOS CAAV5 Based software will, for the first time, be able to detect which of the numerous parameters should be adjusted in order to achieve the desired output results.

The interoperability of SPEOS CAAV5 Based with PLM Optimization CAAV5 Based will help users to explore more design options, and in greater depth. Consequently they will be able to develop products of superior performance and appearance, whatever the design criteria – by optimizing color, contrast level, light uniformity, intensity, information legibility, reduction of the number of light sources, and perceived quality...

OPTIS software's interoperability with NOESIS will help designers to develop higher performance, increasingly innovative, world-class lighting products, while allowing them to keep to tighter time constraints.

“Optimizing lighting performance is the dream of any designer. Optimizing color and light reflection is the dream of any stylist. Thanks to this new capability, both these dreams have become feasible.” Jacques Delacour, CEO & President, OPTIS.

“Up to now, NOESIS PLM Optimization CAAV5 Based has been used mostly for

optimizing mechanical systems. Thanks to this new interoperability and for the first time, users of SPEOS CAAV5 Based will be able to optimize automatically light and visual appearance. This was a challenge for NOESIS that we are proud to have met..” Hans Wynendaele, COO & President, Noesis Solutions.

About OPTIS :

OPTIS is the first company to provide a light simulation solution fully based on a physical model inside CAD/CAM software. Its solutions allow designers and engineers to analyze and optimize the lighting performance of products. In 2002, OPTIS integrated its SPEOS solution in CATIA V5 to launch the SPEOS CAAV5 BASED solution.

Since its creation in 1989, OPTIS has delivered more than 5500 licences to 1200 customers, in more than 36 countries worldwide including major automotive, aerospace, electronics, white goods and lighting manufacturers, as well as universities, research laboratories and defence agencies. Products such as automotive exterior and interior lighting, cockpits, mobile phone screens and keypads, LCDs, LEDs, lights, and architectural lighting can all be optimized using the SPEOS technology.

SPEOS integrates photometry, colorimetry, lighting simulation capabilities fully based on physics, into the PLM chain. Its live-measured library of material, sources and sensors brings highly realistic virtual prototypes, giving light information. Its unique eye-vision model provides answers about the perception of a 3D environment such as a human-machine interface, often needed for ergonomics and safety applications. Its unique colorimetry, visual ergonomics, and lighting solutions set a new precedent in digital mockup.

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

About NOESIS :

Noesis Solutions is a leading software provider for the Process Integration and Multi-disciplinary Design Optimization market, one of the fastest growing market segments in the mechanical design automation market.

Noesis software products and services leverage existing investments in software and technology, enabling product designers and analysis engineers to build better performing, more reliable, safer, and higher-quality products, while doing so much faster than ever before.

Noesis Solutions builds on the strong workflow automation and numerical optimization capabilities of its OPTIMUS product that supports engineers in automating their analysis processes, in quickly exploring multiple design options, and finding the most robust designs for product lifecycle quality.

More information can be found at <http://www.noessolutions.com>

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