

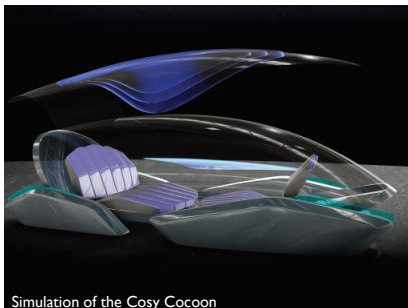
OPTIS debuts next evolution in prototyping, Theia-RT 2017, at SIGGRAPH

Raising the bar in lighting and material design solutions in virtual reality, newest version of Theia-RT further bridges the gap between design and engineering

LOS ANGELES – August 1st, 2017 – OPTIS, a leading virtual prototyping company, today announces the unveiling of Theia-RT 2017.

The software takes aim at outdated prototyping techniques by providing completely virtual experiences of organizations' products. Theia-RT 2017 is an industrial, high-end 3D visualization software that brings visual dynamism and real-time interactions to product design. Its physics-based 3D visualizations are highly realistic, enabling the user to experience lighting, materials, and colors in a fully-immersive virtual environment. Unlike its 3D printing predecessors, Theia-RT 2017 eliminates the cost associated with creating multiple renditions of a prototype by allowing for instantaneous virtual updates to a product concept.

Being unveiled this week at SIGGRAPH, attendees of the computer graphics and interactive techniques conference will be the first to experience Theia-RT 2017's new capabilities via demonstrations of the software's Light Painting and Real-Time Configurator features.



Simulation of the Cosy Cocoon

Dedicated to virtual reality (VR) platforms, the 2017 version of Theia-RT includes virtual Light Painting features and a Real-Time Configurator. Through its intuitive Light Painting features, the software makes it simple to create a variety of illumination systems and to visualize how materials will behave. Theia-RT 2017's Real-Time Configurator allows users to test various material combinations virtually, taking into account geographic location, time of day and weather conditions, to offer an accurate preview of a product's appearance in a given environment.

"Each development in OPTIS technology brings us closer to our goal of revolutionizing the prototyping environment, driving us toward zero physical prototypes. This new version of Theia-RT not only brings light and materials simulations to VR, it also lifts the restrictions often imposed on designers by creating prototypes that are easily manipulated and as true-to-life as possible," said Jacques Delacour, founder, and CEO of OPTIS. "We welcome all SIGGRAPH attendees to demo the product and experience this new era of design technology – one that connects the ideas of designers and engineers to enhance creativity and productivity."

During SIGGRAPH, which will take place July 30 – Aug. 3 at the Los Angeles Convention Center, OPTIS will demonstrate the Light Painting feature on the computer-aided design (CAD) model of the Cosy Cocoon, an autonomous vehicle project from a designer who has worked with Alfa Romeo and Mercedes. The physics-based light painting, performed in a VR helmet, is replicated within a CAVE, in real time. Additionally, OPTIS will demonstrate the Real-Time Configurator on the CAD model of the AM37, a luxury boat from Quintessence Yachts. During the demonstration, users can experience the boat using a VR Helmet or in a cave automatic virtual environment (CAVE). OPTIS demonstrations will be held at booth #1223.





About OPTIS

OPTIS, the virtual prototyping company, brings life and emotion to all industrial projects. Its world-leading solutions pave the way for a revolutionary design process: towards zero physical prototypes. Since 1989, OPTIS offers its know-how in light and human vision simulation into famous CAD/CAM software and dedicated virtual immersive solutions. This synergy creates true-to-life virtual mock-ups which are used real decision-making tools. Today, more than 2,400 clients in over 50 countries trust OPTIS to innovate day-after-day with its solutions to ensure the look and safety of their designs, reduce their ecological footprints and bring their future products to market faster. For more information about OPTIS, visit www.optis-world.com.

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