**ShadowLight-Mirage: A new era in visual communication.**

ShadowLight-Mirage represents the second generation of a new paradigm in spatial design and expression, uniting the empowerment of computer-aided design with the fluidity of natural articulation under the auspices of the unfettered interaction and spatial immersion afforded by virtual reality. In short, it liberates design and creates a brave new medium intimately conducive to innovation and creation. Immerse yourself in the virtual future.

**WHAT IS IT?**

ShadowLight-Mirage is a software application that enables the creation and exploration of fully immersive worlds in virtual reality. It bestows upon its user the ability to use space itself as the design medium, encouraging artistic innovation and greatly accelerating the design process. In place of a mouse and keyboard, designers use a three dimensional "wand" to define and manipulate their virtual world. By reaching out and manipulating the world with their hands in three dimensions, designers are offered an unprecedented degree of freedom in manifesting their visions. ShadowLight-Mirage offers a three-dimensional solution to a three-dimensional problem, freeing the human mind to design without constraint, and spawning a new era in visual communication.

**A GRAPHIC NEW ERA**

ShadowLight-Mirage seeks to mediate amongst the various genres of design, combining the fluidity and intuitiveness afforded by freehand design, while offering the rigidity and control unique to constraint-based applications. The designer defines his or her world by "drawing" forms in space, but is free to constrain or liberate them as is seen fit. As a constraint-based application, ShadowLight includes a plethora of design-centric tools, but simultaneously as a freehand application, affords the designer the flexibility to adjust their results.

However, ShadowLight-Mirage goes beyond the design stage, incorporating modalities specifically directed towards the process of creation. When ready to add vibrancy, a rich selection of colors and textures wait at the designer's beck-and-call. Rather than applying color as an afterthought, the union of color and form resides at the forefront of design in ShadowLight-Mirage. For the final touch, finishing tools, combined with special features of the user interface, create an ambiance intimately conducive to innovation and creation.

**LOOKING TO THE FUTURE**

ShadowLight-Mirage was developed with the designer in mind. The user interface was modeled after the real world to provide an extremely intuitive interaction paradigm, decreasing the learning curve and increasing productivity. Extensions to this direct-manipulative environment were added so that the entire process of conception is thus inspired by the unique characteristics of each particular endeavor. Through ShadowLight-Mirage, a designer's vision can be manifested in its purest form and expressed in its entirety, without being limited at the conceptual stage. Physical concerns can be applied to the design in subsequent stages, allowing them to be incorporated in a global context, rather than the contemporary bottom-up fashion. ShadowLight-Mirage is now in its second generation and is constantly evolving to forge the virtual future. Immerse yourself in the virtual future.