


Software

INNOVATIVE VISUAL DISPLAY TECHNOLOGIES

 **TransLumen** creates proprietary and patented visual display technologies for software, firmware and content. These data and image visualization technologies automatically manipulate images, seamlessly and continuously in a stream, below the level of human visual perception. This image stream retains the integrity of a still image, but is, in fact, a continuously evolving, dynamic image. The technologies work with both still and motion images, uniquely bridging the gap between traditional print media and video. Integrated with numeric, text or graphic content, they provide a new way to experience information in an unobtrusive manner without the introduction of “*visual noise*.”

Technology Value




TransLumen’s product lines are marketed under the trademark brand **Fluid Stills™ Producer**. The software is available as individual, multiple or enterprise installation licenses. Fluid Stills™ Producer is currently available custom tailored and integrable with other software applications.

The applications and plug-ins are targeted at digital imaging specialists, concentrating on those using high-end editing systems. The proprietary **Pixel Shifter** effect is utilized to automatically suppress short-term visible change in an image stream that evolves over time and is made up of virtually an unlimited number of unique images. The software applications can be used to manipulate single images as well as video and streaming images.

Software Application Areas



Gaming Industry - Integrating TransLumen’s technology will enhance gaming for the next generation game stations, Internet Web based games or on any electronic screen game display. Innovative attributes include:










-  Replacing static backgrounds with a new simulation environment adding dynamic game elements not currently used in the industry
-  Introducing new dimensions to interactive games with little additional CPU overhead and the ability to play the games on more display options
-  Utilizing photographic inputs to make the transfer between the simulator and real environments more effective





Software and Firmware Embedded into Electronics - TransLumen will steer new standards between manufacturing production and viewing media.

TransLumen's technology provides the opportunity and the toolset to create digital interfaces. Electronic displays are penetrating all areas of the consumer and commercial environments. By using TransLumen's software, content options increase:

-  Environmental screen displays in public spaces
-  Screen art for DVD and distributed digital music
-  Unobtrusive default screens for electronic digital appliances
-  Alternative advertising options
-  Movie theater digital posters
-  Consumer home use
-  On-line delivery of images and news (e-print)
-  Commercial advertising, sales promotion, billboards and video walls
-  3-D animators for the entertainment and interactive game industries



Fluid Stills™ Producer is designed for the graphics professionals or consumers seeking to create unique visual imagery. TransLumen's patented imaging technology increases the visualization and design capabilities for three-dimensional environments through advanced scene management.

PDA's and Wireless - TransLumen's technology is fully scalable and can be deployed for advanced distributed learning (ADL) applications for use in personal digital assistants (PDAs), mobile phones and other wireless devices.

hOURart™ Content Creation Services

TransLumen's hOURart™ division provides content developers and entertainment distributors with technical and creative support in producing products utilizing Fluid Stills™ Producer. The hOURart™ division also develops and markets a digital art gallery designed to capitalize on the exploding interest in digital and video art in galleries and museums, and provides an alternative product for use in homes and offices on large screen electronic display devices.

TransLumen Technologies markets its software solution to satisfy the graphic market's appetite for innovative tools to digitally manipulate images. Consumers' content creation skills, capabilities and desires will evolve with the integration of "personal rich media" into their daily lives. They will seek out "personal rich media" tools and services and experiment with video editing and other applications. Rich communication and entertainment will become the norm as people integrate "personal rich media" into their lifestyles. TransLumen's Fluid Stills™ Producer is a key tool for enabling a richer level of this content.

TransLumen Technologies, LLC is an Illinois company established in Y2K. US patents #6,433,839 and #6,580,466 have been awarded and other applications filed.

