



Lightspeed DESIGN

Production / Technology

Lightspeed is one of the world's premiere designers of stereoscopic 3D (s3D) content and technologies, and is a trusted supplier to the most discerning clientele.

Our services range from content production, to the design, engineering, and installation of turnkey software and hardware installations.

Production

Lightspeed's core proficiencies include **HD & SD digital cinematography, exhibit design, and computer graphics**, with an emphasis on **stereoscopic 3D film-making**.

3D Technology

DepthQ® is Lightspeed's precision s3D technology brand, encompassing a range of products and services - from our single-lens HD 3D projectors, to custom 3D systems engineering and integration, to our high-definition DepthQ®Capture™ and DepthQ®Player™ software, to streaming 3D IP video technology.

Select Clients

NASA, GE Research, Johnson & Johnson R&D, Sharp R&D, Mercedes, GMC, Disney, Dreamworks, IMAX, NHK, Sony, Nintendo, Pfizer, Roche, Intuitive Surgical, Continental, Da-Lite, Harvard, Stanford, U.S. Government, Governments of Canada, India, Portugal...

Lightspeed Design

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PRODUCTS & SERVICES

Custom 3D Installations / Industrial Visualization Centers:

Lightspeed Design has been engineering and installing 3D Cinemas / Theaters and Industrial Visualization Centers since 1997. Lightspeed has remained on the cutting edge by constantly testing new innovations and actively developing 3D projection and software technologies in-house. Our extensive knowledge creating immersive 3D theaters, paired with hands-on involvement in developing the industry, means reliable performance and satisfied audiences. Installations include visualization centers for Pfizer, University of Washington, Parsons Brinckerhoff, and Bell Helicopter Textron.



3D Surgical Systems Installations:

Lightspeed has also been engineering and installing 3D systems for visualizing, recording, and even broadcasting live stereoscopic surgical procedures. A mobile system is typically installed in the operating room, often with a second permanent system installed in a nearby conference room. A roadcase version of our *DepthQ[®] Mobile[™] 3D Visualization Suite* has been engineered for ease-of-use at conferences, trade shows and for education purposes.



3D Video Projectors: *DepthQ[®] HD 3D Projectors* are lightweight, high-definition, single lens, single-chip DLP video projectors capable of achieving frame rates of 120 Hz, synchronized for stereo 3D viewing with liquid crystal shutter glasses. *DepthQ[®]-WXGA HD 3D projectors* provide 1280x720 resolution at 60 frames per second *per eye* with brilliant colors and a 2000:1 contrast ratio.



3D Video Software: *DepthQ[®] Player[™]* is a professional, feature-packed software solution for the playback of High Definition stereo 3D movies (up to 1920 x 1080 x 2) from a standard, off-the-shelf PC. *DepthQ[®] Capture[™]* is powerful software that captures, digitizes and concatenates streaming full-motion stereoscopic video. The captured 3D video can be monitored or saved to AVI format for playback or editing.



Production: Lightspeed Design is a highly skilled visual media company with expertise in digital cinematography, exhibit design, and experiential marketing. We have helped promote global brands for over a decade with custom ride-films, unique corporate films and events, and mobile marketing attractions.

Lightspeed has also developed proprietary methods for digital 3D filmmaking of the highest quality, and has sixteen years of stereoscopic 3D experience. We have provided content for some of the world's most image-conscious clients, and our 3D productions have been seen by millions through corporate shows, museum theaters and a world exposition.

