



CASE STUDY

Simulator Solutions Provider Delivers Its First Event Soccer Simulator with the ViewSonic LSD500HD Projector



"[ViewSonic LSD500HD's] setup flexibility helped us address installation requirements that were different from the golf simulators we typically work with."

— Simulator Golf Indonesia (SGI)

Background

Based in Jakarta, Simulator Golf Indonesia (SGI) is a premier sports technology provider specializing in custom indoor golf simulation systems for residential and commercial settings. It supplies high-speed tracking hardware and simulator components tailored for individual installations.

Challenge

For a trade show, SGI set out to create a new virtual soccer experience. Unlike traditional golf simulators, where the projector is typically mounted overhead, the soccer setup required an overhead sensor in that position. As a result, the projector had to be placed off-center on a table beside the simulator, but this setup could cause image distortion and keystone. SGI therefore needed a projector capable of precise image adjustment to align the digital soccer ball and field lines perfectly with the screen boundaries.

The projector needed to operate all day without glitches for uninterrupted play, necessitating commercial-grade reliability.

The screen was exposed to bright ambient lighting, with a mix of natural daylight and artificial venue lighting. To avoid washed-out images, SGI needed a projector that could deliver bright, clear images throughout the day.



Simulator Golf Indonesia (SGI)

Location

Jakarta, Indonesia

Industry

Indoor Sports Simulation

Challenge

- Achieve precise image alignment despite an off-center projector placement
- Ensure reliable, glitch-free performance for all-day continuous operation
- Deliver bright, clear visuals under mixed natural and artificial lighting



Simulator Solutions Provider Delivers Its First Event Soccer Simulator with the ViewSonic LSD500HD Projector



Solution

SGI partnered with ViewSonic to find a projector that could meet the specific requirements of the installation. They selected the LSD500HD laser projector, whose 1.3x optical zoom, advanced horizontal and vertical keystone correction, and four-corner adjustment allow it to deliver a clear, properly proportioned image even when positioned off-center.

Powered by a third-generation laser phosphor light source, this commercial-grade projector delivered uninterrupted projection all day.

With a brightness of 5,500 ANSI Lumens and full HD resolution, the LSD500HD kept visuals bright and clear despite the venue's mixed lighting, with deep contrasts and crisp detail thanks to its 0.65" DMD chip. Its specialized Golf Mode enhanced the vivid greens of the virtual soccer turf.

Results

The projection aligned perfectly with the screen. Throughout the event, visitors could clearly track the ball's movement and game visuals.

The LSD500HD ran reliably from open to close each day, with no overheating, zero glitches, and minimal maintenance. The feedback from attendees was positive; they enjoyed the experience and found the gameplay highly immersive.

The projector delivered bright, sharp visuals that kept pace with fast-moving gameplay. The booth drew steady foot traffic throughout the event, with attendees eager to try the soccer simulator and plenty of onlookers stopping to watch others play.

Solution

- Installed the ViewSonic LSD500HD 1080p laser projector on a table close to sensors
- Achieved perfect alignment with 1.3x zoom, keystone correction, and four-corner adjustment
- Delivered bright, vivid visuals at 5,500 ANSI Lumens, with Golf Mode enhancing greens

Results

- Delivered sharp, perfectly aligned images for truly immersive gameplay
- Ran reliably all day with zero glitches or downtime
- Drew strong visitor interest and enthusiasm for the interactive soccer simulator



Founded in California, ViewSonic is a leading global provider of visual solutions and conducts business in over 100 countries worldwide. As an innovator and visionary, ViewSonic is committed to providing comprehensive hardware and software solutions that include monitors, projectors, pen displays, commercial displays, All-in-One LED displays, ViewBoard interactive displays, and myViewBoard software ecosystem. With over 35 years of expertise in visual displays, ViewSonic has established a strong position for delivering innovative and reliable solutions for education, enterprise, consumer, and professional markets and helping customers "See the Difference." To find out more about ViewSonic, please visit www.viewsonic.com.