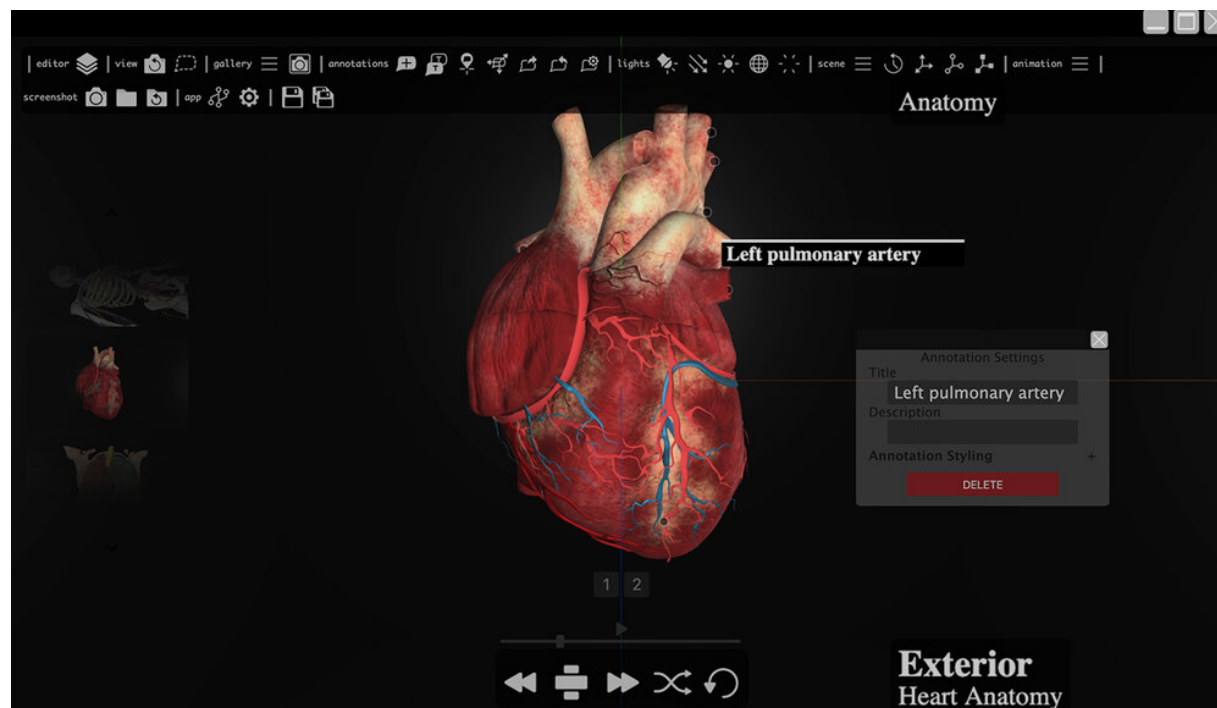Holoxica

Holoviewer App

Advanced cloud-based 3D visualisation software for Holographic 3D rendering.
Display 3D models and animations in real time. Fast-render thousands of images.

Overview

Showcase 3D models and animations in real-time on 2D monitors and
3D light field displays.

The visualisation app uses 3D graphics, web and cloud technologies
including ThreeJS and WebGL. It requires a modern graphics card
(GPU), Nvidia GTX 1070 as a minimum. The Holoviewer app is
embedded within some of our products and is available for licensing.

Features

3D Model Visualisation

- Scene manipulation: pan, zoom, rotate

- Playback for animations, model spin

- Animations, channeling

- Scene background

- User annotations, labelling, text

- Wireframe view

Advanced visualisation

- Scene lighting

- User-defined camera paths (for animation)

- Environment maps

- Screenshots

Model Management

- Galleries

- Versioning

- Download models from the cloud

Rendering

- Holoprinter renderer

- Multiview rendering for Light Field displays
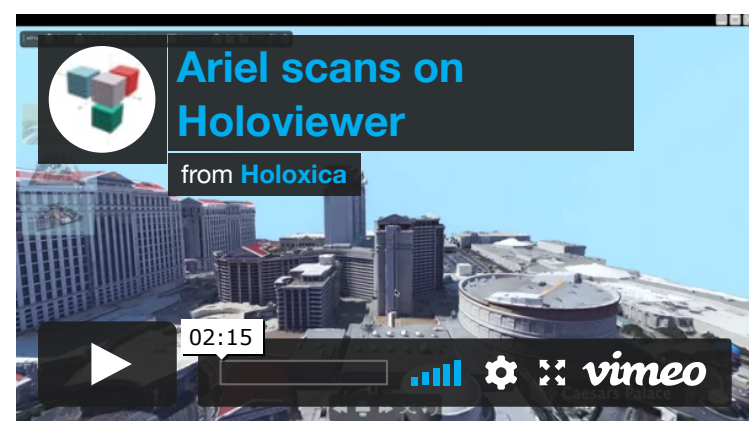
- Video generation

Requirements

- PC with modern graphics card

- Operating system: MacOS, Windows, Linux

- Network (for installation)

Medical Education and Surgical Planning

Ariel Scans of Buildings

Holoviewer on the Looking Glass 3D Light Field Display

Applications

- Medical education and training

- Scientific data visualisation

- Simulation

- Engineering design

- Architecture & construction

- Maps and surveys

- Military & aerospace

For more info, get in touch or give us a call on +44 (0) 131 618 2142

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