HOLOWIZARD ®

Training and Real-time Operations Support Application

With offices in Houston, Texas, and Huntsville, Alabama. Aexa is a provider of custom software for mixed and virtual reality devices for operator use in the aerospace, medical, and oil, and gas operations industries.

HoloWizard®. Aexa developed the HoloWizard application as a tool to support training and remote operational assistance in the aerospace, oil and gas, and medical fields. Holowizard offers a desktop version for personal computers and a mixed reality version for augmented reality and virtual reality devices. The key features of this application include the following.
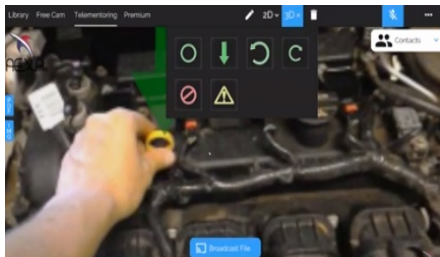
Hologram Manipulation. Display, scale, and place holograms in the work environment. Follow step by step training procedures by manipulating valves and switches on the model. Provide holographic hardware overlay for self-lead training on real hardware with millimetric precision.

Asset Libraries. The Holowizard application supports users importing their files so they can create custom training scenarios on their own. This can be done through the desktop application or the Aexa web portal. The following file types are supported with more on the way - PDF, JPG, PNG, OBJ, FBX.

Procedure and Training Development. Save custom training scenarios made to fit any environment by any AR user. Upload and display standard work instructions from your library. Users in the same organization can share custom scenarios and load them at any time, allowing for flexible training.

Multi-user. Interact with holograms while in the same room or working from separate locations. Multiple users can spawn, manipulate, and perform training steps on the same holograms in a shared experience. Livestream with 2-way audio and visual cues for remote, instructor led training.

ARMentor®. Lead users through training by seeing from their viewpoint. Stream an AR users view to the desktop application and place interactable 3D markers in their environment to guide them through an activity. Experts can now mentor others around the world remotely. Software can be hosted either on our secure server or on your own private server.

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ARMentor®

Microsoft Partner

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