

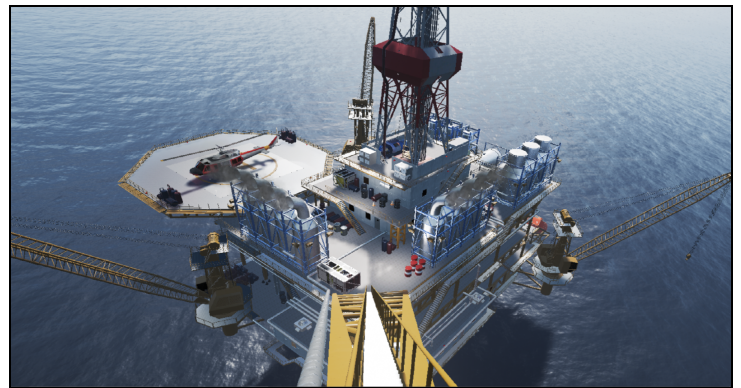
Case Study

VR Oil Rig Project Overview

Another Reality Studio created training in virtual reality (VR) to save travel costs and improve safety. See this product demo video (<https://youtu.be/g0yOzZfBQ0o0>) to visualize VR Training for an oil rig with details on how to evacuate and how to use.

Key Features

- High Fidelity Visualizations
- ARS created an oceanic oil rig with accurate representation of equipment and functionality/ layout to best train workers.
- Equipment is functional, including drill and drill station
- emergency training mode for fire drills and evacuation scenarios
- Real climbing physics to climb ladders and towers for timing and to help you understand the entire process
- Select equipment for specific equipment training



Challenges and Core Considerations

- The Another Reality Studio project manager began the project with concept evaluation and feasibility. He collaborated with the client on user design, estimating, and planning to create project milestones and a timeline for completion.
- Creating large realistic scene requires 3D modeling an optimization to keep visual fidelity in virtual reality
- Multi player scene required communications and replication allowing concurrent training sessions for improved training interactions

Impact: The ARS Solution

- Created training in VR to save travel costs and improve safety
- Reduce the need to be around potential hazards but allowed for muscle memory training and real world experiences
- Backend Development

