## **AVATAR** dimension

DRIVING THE FUTURE OF IMMERSIVE VIDEO



**AT AVATAR DIMENSION** we capture and create volumetric video – holograms of dynamic people and performances captured from every angle. We are driving the future of immersive video with one of the most advanced volumetric capture stages in the world. Located in the Washington D.C. area, we are the only Microsoft certified volumetric capture studio on the east coast. Avatar Dimension is comprised of a team of industry veterans focused on creating stunningly realistic virtual experiences to change the face of training and simulation for business, government, institutions, and entertainment.

**YOUR AUDIENCES** can interact with your holograms in augmented reality, virtual reality, or on TV screens. Training solutions are evolving to meet the requirements of engaging with increasingly digital-savvy users. Avatar Dimension creates immersive virtual training scenarios that match and exceed these the real-world demands.

**WE ARE 1 OF 5 STUDIOS** in the world certified to use Microsoft's Mixed Reality volumetric capture pipeline. We offer advanced capture solutions and data compression for creating sophisticated immersive experiences. Our technology allows us to record precise body movements and detailed facial expressions, opening radical new content creation opportunities.



# PLATFORMS Windows Windows

## PRE-PRODUCTION

Before you even step onto set, our creative and technical experts will work with you to plan every detail of your shoot and help you realize your vision. Good pre-production is critical to getting the

best results from your captures, as many factors play into getting great results. We'll comb every inch of your project to make sure that you get the best content possible for your particular project.







PROXIMITY TO CONTENT





SPEED OF ACTION

**PRODUCTION** 

**TEST SHOOT** We start every project with a half day of test shoots. We test wardrobe, hair, props, lighting, and any other components unique to your project. This crucial step gives you the confidence that the material generated over the course of the production will be exactly what you're expecting.

**ON SET** Every day begins with a review of result samples. We know the ins and outs of volumetric capture. Our stage crew applies an eagle eye to every detail of your session, keeping quality and schedule on track.











### POST-PRODUCTION

When post-production is required, our technical art team is ready to support you with scripts, tools, shaders, and workflows designed to get the most out of your content. We'll give you preview movies to review performances so that you are involved in every step. Our goal is to provide you with content ready to drop into any device.

### **OUTPUT**

- H264 compressed MP4 3D video file (needs special plug-in for 3D playback)
- Compressed file size: 100-400MB per 30 seconds at 30 FPS
- OBJ/PNG output optional
- 30/60 FPS, 2K/4K textures

