

## Design and Development

Alchemical Machines has experience in developing a wide variety of systems. From scientific visualization to interactive art systems, our team can do almost anything:

- + Interactive Advertising Systems
- + Interactive Art and Entertainment Systems
- + High-End Interactive Kiosks
- + Custom 3D Projection Systems
- + Markerless Tracking Systems
- + Augmented Reality Applications
- + TelePresence and Videoconferencing Systems
- + Visualization Systems
- + Virtual Reality Applications (Training Simulators, Design Review Environments, Scientific Visualization Environments, Video Games and more)
- + Custom Immersive Virtual Reality EnvironmentsTechnologies

While we design systems from scratch, our engineers also create systems on top of the following technologies:

- + Microsoft Surface®; (Multi-Touch System)
- + Eon Reality Large Immersive Displays (EON ICUBE®, EON ICATCHER®, EON Holographic I®, EON Holotouch®;)
- + Eon Reality 3D & Holographic Displays (EON ICystal®, EON TouchLight®, EON Artificial I®;)
- + Haptic Systems from all manufacturers
- + Custom made Cave Automatic Virtual Environment (CAVE)
- + Head-Mounted Displays (HMD) from all manufacturers
- + Multiview and Single View Autostereoscopic Displays from all manufacturers
- + Volumetric Displays

Please contact us at [info@alchemicalmachines.com](mailto:info@alchemicalmachines.com) for any inquiry.