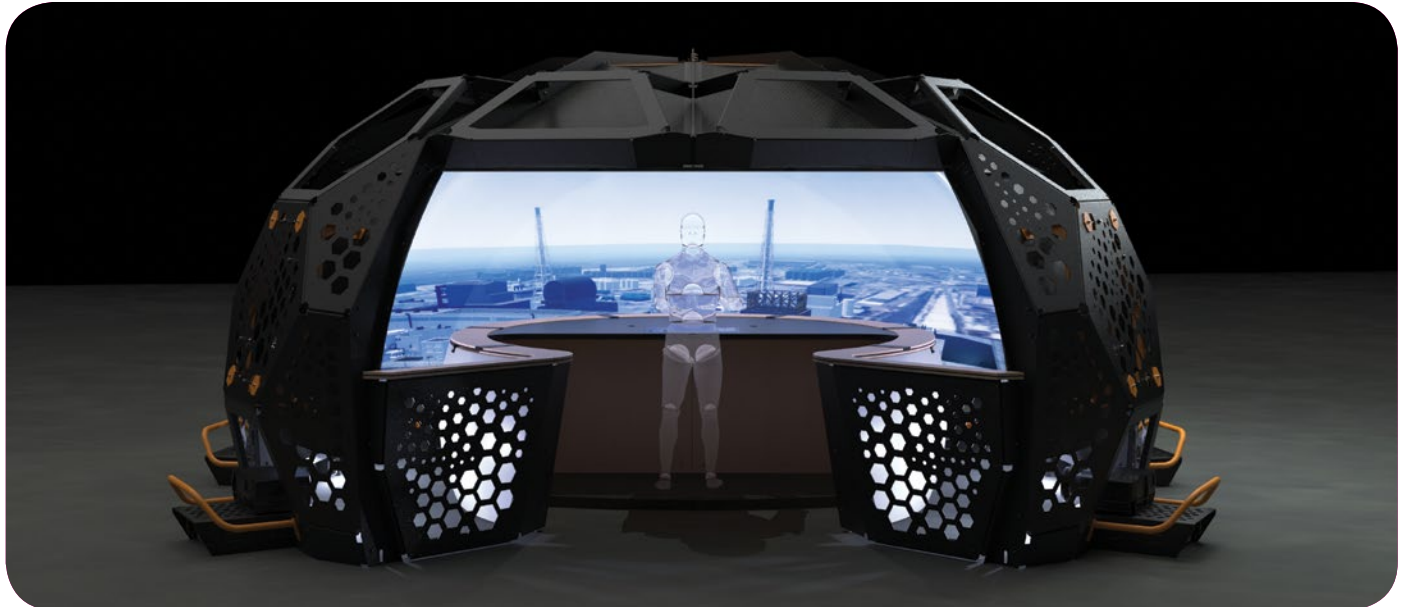


ORCHID® IX

INCREDIBLY ACCURATE 3D IMMERSION



Disruptive Display Technology for Full 3D Immersion without VR Headsets



Orchid® IX uses “Reflected Reality” to offer the most realistic fully immersive display technology available today. The dome environment offers a 280-degree field of view with an unmatched richness and depth of detail to allow viewers to experience virtual worlds as they would in real life (everyone that enters is immersed in the same environment).

TECHNOLOGY

- **Reflected Reality:** Uses purpose-built mirrors to deliver the most realistic VR interaction available anywhere
- **Truly Immersive:** True shared VR (no head-mounted devices needed), but easily complementary to existing VR solutions
- **Incredible Visualization:** Unique immersive environment enables professionals working with high value 3D content to leverage the full potential of their data
- **Innovative Technology:** True immersion with depth perception and 3D sound

POTENTIAL USERS

- Architects
- Planners
- Engineers
- Project Managers
- Owners/Operators of power plants
- Innovation Centers
- Training Centers
- Other interested stakeholders

POWER INDUSTRY APPLICATIONS

- Performing actions on complex equipment
- Conceptualizing and designing New Builds, SMRs
- Plant walkthroughs
- Planning plant outages
- **Training:** Enhancing worker knowledge and team interactions
- Security Operations Centers
- Command Centers
- Decommissioning end-of-life plants
- High impact visitor centers/public awareness

BENEFITS

- Eliminates the Vergence-Accommodation Conflict
- No motion sickness
- Providing a large viewing area for multiple users
- Leveraging existing 3D information/assets

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THREE FORMATS



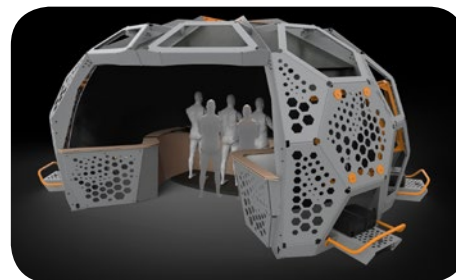
Immersive Workstation

- Supports up to 2 users
- 14' diameter
- 8' height
- 315 degrees horizontal field of view
- 17,920 X 1,600 (near-retinal resolution)



Immersive Theater

- Supports up to 6 users
- 20' diameter
- 10' height
- 280 degrees horizontal field of view
- 17,920 X 1,600 (near-retinal resolution)



Immersive Auditorium

- Supports up to 15 users
- 25' diameter
- 12' height
- 280 degrees horizontal field of view
- 17,920 X 1,600 (near-retinal resolution)

3D CONTENT

Whether we convert data you already have (CAD files, 3D models, Building Information Modeling (BIM) content, etc.) or whether we efficiently develop the 3D world for you, you are sure to experience full 3D immersion in the virtual world like never before.

The 3D world is fully interactive, complete with flyovers, walkthroughs, realistic access to high-risk or hazardous areas, dynamic links to plant engineering documents and even connection to your full scope operator training simulator.

SEE FOR YOURSELF

There is nothing else like Orchid® IX in the market. Be a believer. See it for yourself. For an appointment, please send us an email at immersive.experience@L3T.com.



MAPPS

L3 MAPPS

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