

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:** Full immersion with true depth perception and 3D sound

POTENTIAL USERS

- Architects
- Planners
- Engineers
- Project Managers
- Governments/Owners/Operators of ships (Commercial/ Naval)
- Innovation Centers
- Training Centers
- Other interested stakeholders

NAVAL/MARINE INDUSTRY APPLICATIONS

- Performing operator or maintenance actions on complex shipboard equipment
- Conceptualizing and designing new ship design/builds
- Virtual Ship walkthroughs
- Damage Control planning, exercises & scenarios
- Training: Enhancing engineer/shipyard worker knowledge, team interactions
- Security operations centers
- Command centers
- Decommissioning/end-of-life ships
- High impact visitor centers/public awareness

BENEFITS

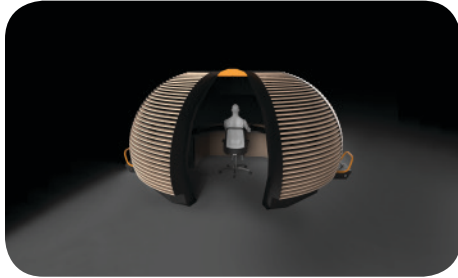
- Eliminates the Vergence-Accommodation conflict
- No motion sickness
- Providing a large viewing area for multiple users
- Leveraging existing 3D information/assets

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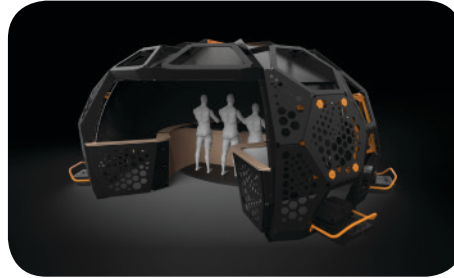


THREE FORMATS



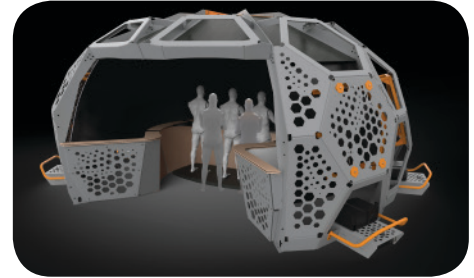
Immersive Workstation

- 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
- 12.5' 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 engineering documents and even connection to your 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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