Immersive Design and Engineering

Redefine the Art of What's Possible

A best-in-class Professional XR solution from Lenovo that fuses together physical and virtual worlds to deliver the most immersive experiences ever constructed

The new industry standard for XR is here. Empower your team with a complete virtual & mixed-reality workplace solution from Lenovo that will refine design and engineering processes, shorten timelines, improve remote collaboration, reduce your carbon footprint, and unlock new possibilities.

Bold Visions. Brought to Life.

There's a better way to move your organization forward—a faster, safer, or more cost-effective way. Lenovo Immersive Design and Engineering solutions leverage the latest advancements in VR/XR technology to make it possible. With industrial-grade VR/XR Varjo headsets at human-eye resolution and the most advanced VR/XR software available, Lenovo's complete solution equips professionals to learn, train, collaborate, and hone their skills with stunning detail and accuracy.

- Photo-realistic mixed-reality experiences with low-latency video pass-through
- Industry-best visual quality: highest resolution (70+ pixels per degree), widest field of view (115°), widest-ever color gamut,
- LiDAR-powered depth awareness for pixel-perfect real-time occlusion and 3D world reconstruction
- Industry-leading ergonomic design for extended VR/XR sessions
- End-to-end enterprise class solutions available

More Power, More Possibilities

When technology does more, you can do more. Lenovo Immersive Design and Engineering solutions combine truly breathtaking advancements in VR/XR technology at a scale that's easy to deploy across your team—so together, you can achieve your own unprecedented outcomes. Whether you want to reduce cognitive load in medical education or empower a team of industrial designers to collaborate on their latest model, Lenovo's best-in-class VR/XR hardware and software equip you for a new level of success.

Software

- MS Windows 10 PRO Operating System
- Varjo Basse VR HMD Management Software
- Professional 3D Software, including:
- Education: Unity, Unreal Engine, OpenXR
- Healthcare: Imotions, Toltech
- Automotive: Autodesk Vred, ZeroLight
- Horizontal: OpenXR, Unity, Varjo SDK

The above software is compatible but not included

Hardware

- Lenovo ThinkStation Workstations
- Varjo VR3 HMD
- Varjo XR3 HMD

Services

- LISS and Warranty
- As-a-service Services

Contact your Lenovo Account Representative to get started.