

Understand, train on, and optimize physical environments without being in them.

WinVibe delivers immersive AR, VR, XR, and holographic experiences alongside operational digital twins — so teams train safely on hazardous procedures, review designs together in 3D, and monitor live assets from anywhere.

OVERVIEW

When understanding requires being there.

Training, maintenance, design review, and remote support all depend on people understanding complex physical environments. But site access is expensive, sometimes hazardous, and occasionally impossible — and drawings, video, and slides fail to convey the spatial relationships that actually matter.

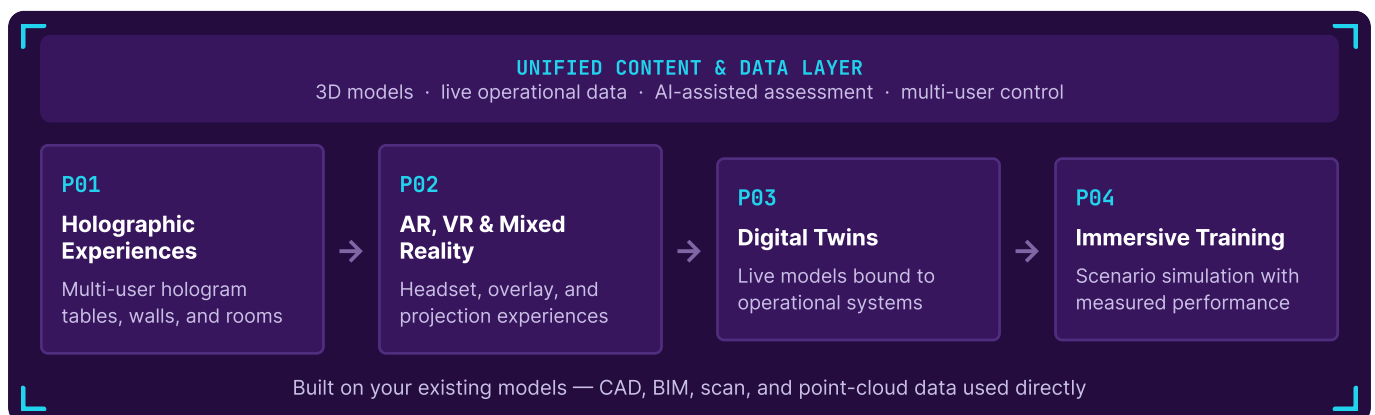
The cost shows up as slower training, longer design cycles, avoidable travel, and decisions taken from an incomplete picture. In high-risk environments it also shows up as people practising on live equipment because no realistic alternative exists.

Immersive technology removes that dependence — AR, VR, XR, and holographic experiences alongside operational digital twins.

With AI-driven assessment of trainee performance — teams train safely, review designs together, and monitor assets from anywhere.

SOLUTION ARCHITECTURE

Four capabilities, unified into one platform.



INDUSTRIES WE SERVE

Manufacturing & Distribution > Government & Public Sector > Banking & Finance > Mining
Telecom & Infrastructure > Energy & Utilities > Defence > Healthcare, Medicine & Pharma

SOLUTION COMPONENTS

Four integrated pillars working as one.

Each capability stands on its own — together they turn immersive technology from a demonstration into an operational capability.

P01

Holographic Experiences

Multi-user, interactive 3D without headsets.

- › **Hologram tables, walls, and rooms** — multi-user, multi-colour, interactive holographic environments with IoT integration.
- › **Model fidelity** — support for major 3D formats including existing CAD and point-cloud data, loaded at scale.
- › **Collaborative control** — 3D lens glasses and holographic control wands for group review, briefing, and decision-making.

P02

AR, VR & Mixed Reality

Immersive environments on the device that fits the task.

- › **Virtual reality** — 360° environments, 3D walkthroughs, and simulation across major headset platforms.
- › **Augmented and mixed reality** — overlay applications for maintenance guidance, assembly, and field support.
- › **Projection and spatial experiences** — 3D projection mapping, anamorphic displays, interactive walls, and floor projection.

P03

Digital Twins

Live models that mirror the physical asset.

- › **Asset and process twins** — simulation of equipment, facilities, and processes bound to live operational data.
- › **Scenario simulation** — testing operational and design changes before they are committed to production.
- › **Remote monitoring and optimization** — asset performance observed and tuned without site presence.

P04

Immersive Training & Enterprise Delivery

From content through to deployed capability.

- › **Scenario-based training** — realistic simulation of hazardous, complex, or infrequent procedures, with AI-driven performance assessment.
- › **Knowledge capture** — expert procedures recorded as reusable immersive content before the expertise leaves the organization.
- › **Turnkey execution** — technology consulting, 3D modelling, engineering, content production, and integration delivered as one scope.

WHY WINVIBE

Immersive expertise that goes beyond the demonstration.



P01

Twins Bound to Live Data

Our digital twins connect to operational systems, so the model reflects the asset rather than illustrating it.



P02

Multi-User Holographic Capability

Interactive holographic tables, walls, and rooms let teams review together.



P03

Engineering and Content Under One Scope

3D modelling, engineering, content production, hardware, and integration in one engagement.



P04

Built on Your Existing Models

Existing CAD, BIM, and point-cloud data is used directly, so prior investment carries forward.



P05

AI-Enhanced Training Assessment

AI-driven scoring turns immersive training into measurable competence rather than an experience.



P06

Solution Lifecycle Partnership

Consulting, build, deployment, content refresh, and support from one team.

Ready to let your teams work where they cannot physically go?

Whether you are building a training programme for hazardous procedures, a digital twin of a live facility, or a holographic briefing environment, our experts are ready to understand your requirements and recommend the right solution.

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