

Spanning over 20 years of research and development, VOTANIC's XR solutions evolved over several generations and was praised by many for its cost-effectiveness in solving issues.

Who are we?

A technology company focusing on cutting-edge extended reality (XR/VR) technologies and committed to building an XR user community.



2017

Established in



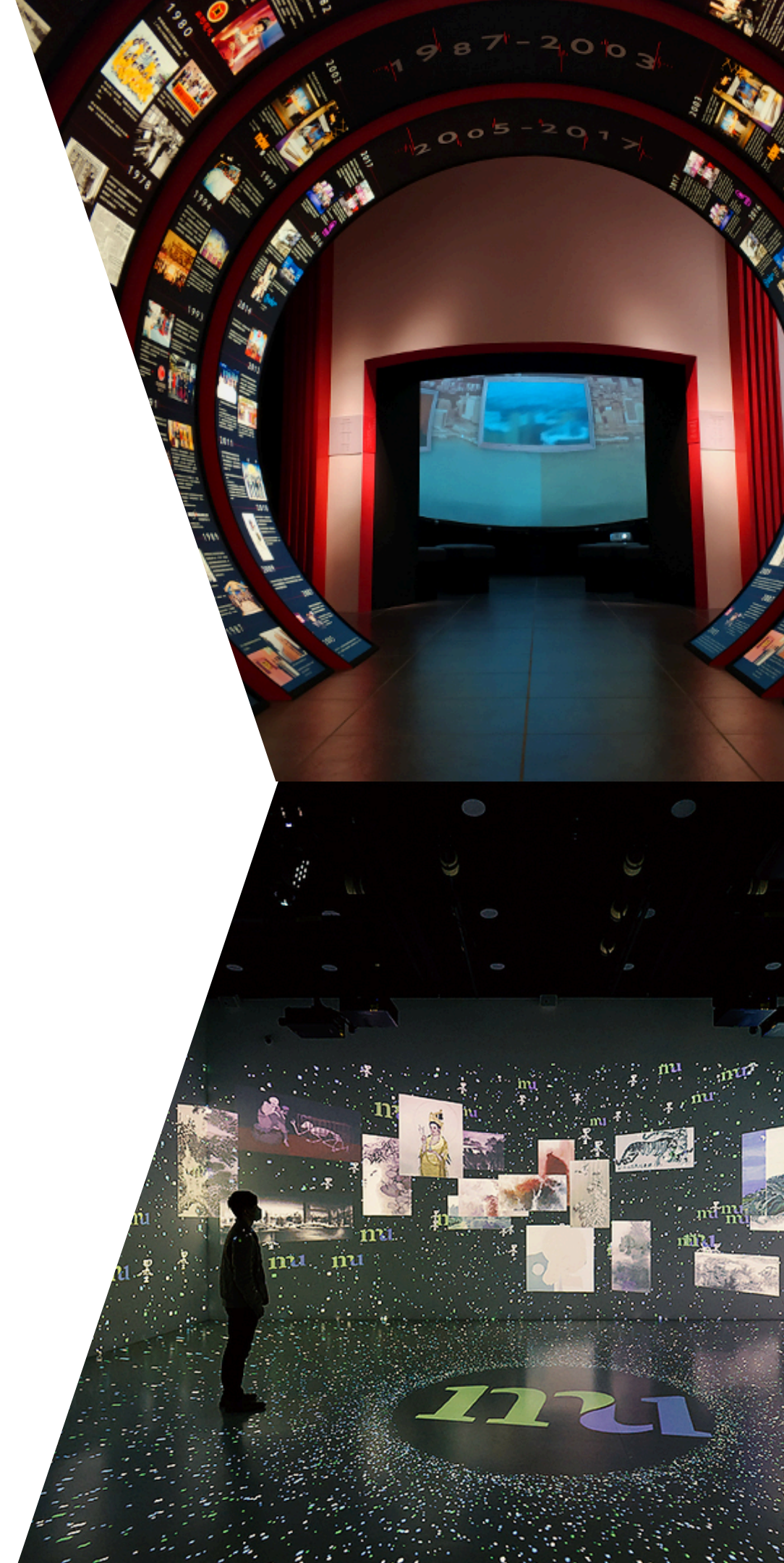
HKU PhD Team

Research results



Awards

Award-winning
innovation



XR for Training & Learning

A Game Changer



4x

Faster

THAN CLASSROOM
LEARNERS

275%

More Confident

TO ACT ON WHAT THEY
LEARNED AFTER TRAINING

3.75x

More Emotionally

CONNECTED TO CONTENT
THAN CLASSROOM LEARNERS

4x

More Focused

THAN THEIR
E-LEARNING PEERS

Trusted by renowned institutions

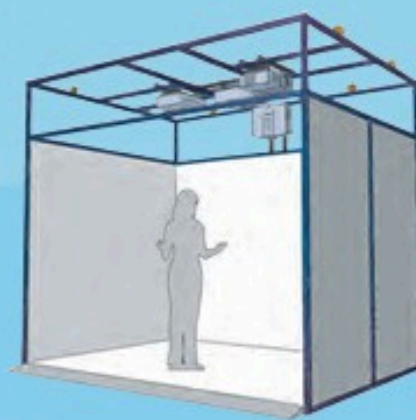
Create a long-term partnership with Clients



Main Product - vCAVE

Low-cost high-performance VR system

The **vCAVE** is a compact low-cost high-performance immersive virtual reality system configured as turn-key immersive VR solution that is designed to fit into standard office space. This unique and light weight design comes with 2 models: front and rear projection vCAVE. They are engineered using precision modular design that can readily be set up in a short period of time. The rear-projection vCAVE has the added advantage of eliminating any shadows casted on the sides when the user moves close to the walls.

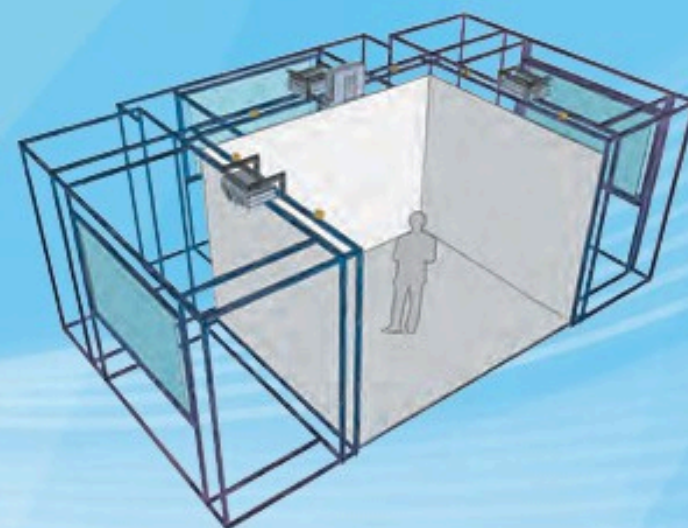


**vCAVE
Front-projection**



vCAVE - DOME

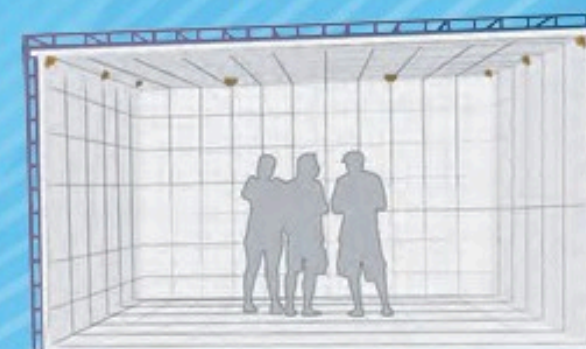
vCAVE - DOME facilitates a large group of users to a shared VR experience without the need of any special eyewear. The 360-degree dome shaped projection screen is built with rugged lightweight structure that is both low-cost and ultra-portable. The shared VR experience can be readily started using contents ranging from 360 video to 3D visualization.



**vCAVE
Rear-projection**

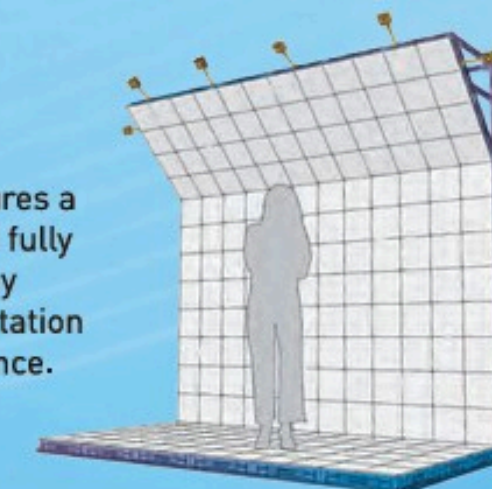
vCAVE - 5 Sides LED

The latest vCAVE-LED design. With the additional ultra-high definition LED side displays, it gives the best immersiveness and surround 3D atmosphere for the user. The scalable design with full tracking and interactive feature fit almost all locations and purposes of the designated use.

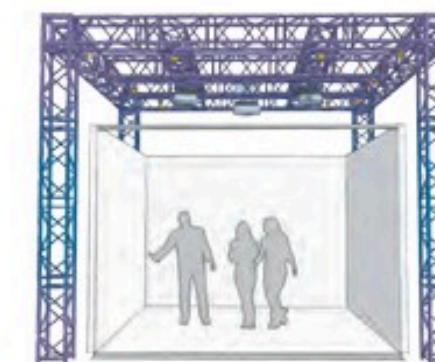


vCAVE - LED

The state-of-the-art LED vCAVE system features a versatile modular design that is compact and fully scalable. The ultra-high definition LED display panels bring high contrast, vivid color presentation that greatly enhances the immersive experience.



The **imseCAVE** is a premium-grade immersive VR CAVE system with option to incorporate custom-build hardware components such as motion platform and physical input panel that tailored for the needs of the VR application, bringing unmatched multi-sensory immersive experience to the user.



Main Product - X R C C

Extended Reality Content Creator



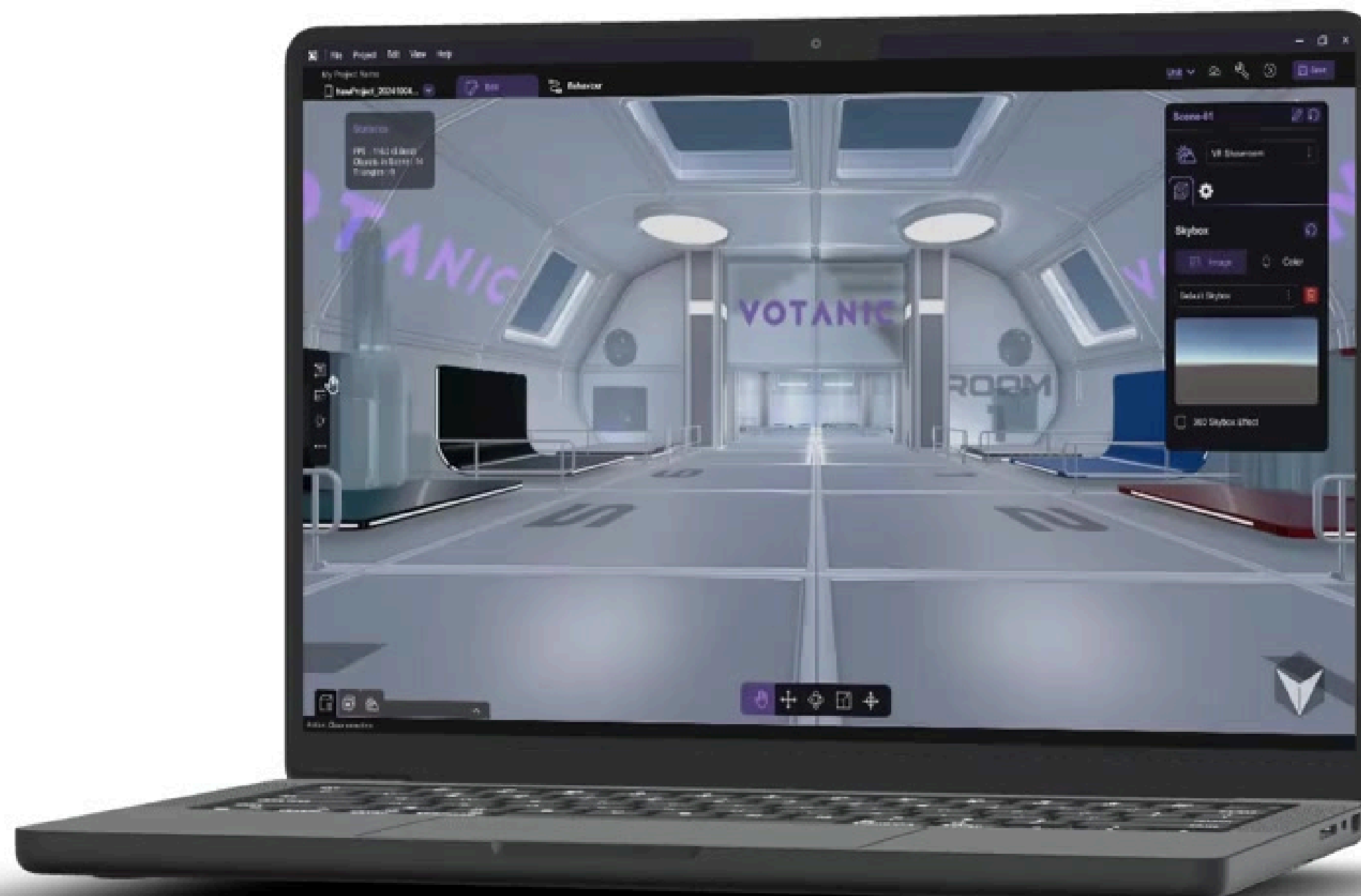
In less than 2 hours
Complete basic content



2 classes to create a
XR Experiences



Won the 2025 Edison Award
the "Oscar of Innovation"



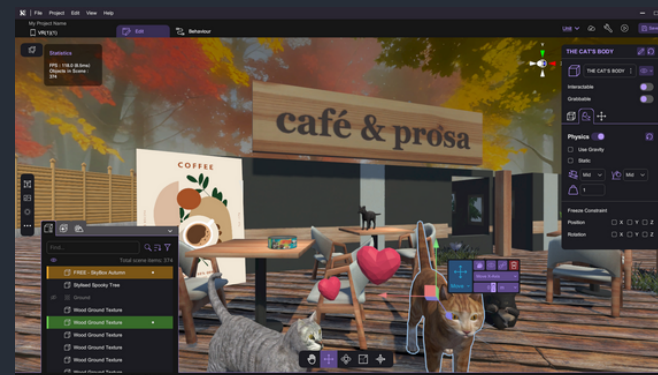
An interactive XR creation tool that anyone can easily use



Operate
Simple

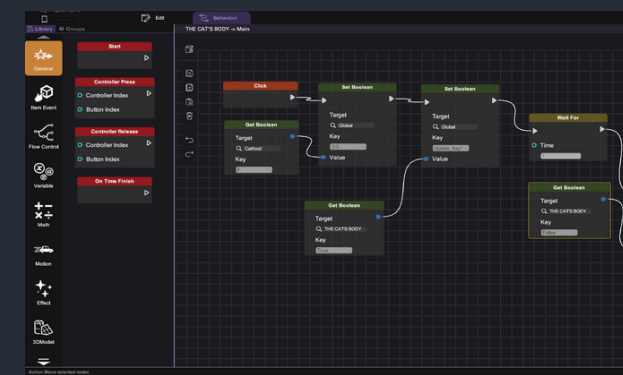
1 Create Scenario by drag & drop

Use built-in or import own assets to construct basic environment for XR scenario with simple drag & drop editing.



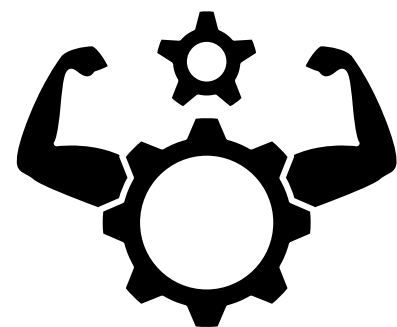
2 Add Interaction using behaviour system

Add different behaviour blocks to canvas and connect them together to animate the scene and assign interactions.

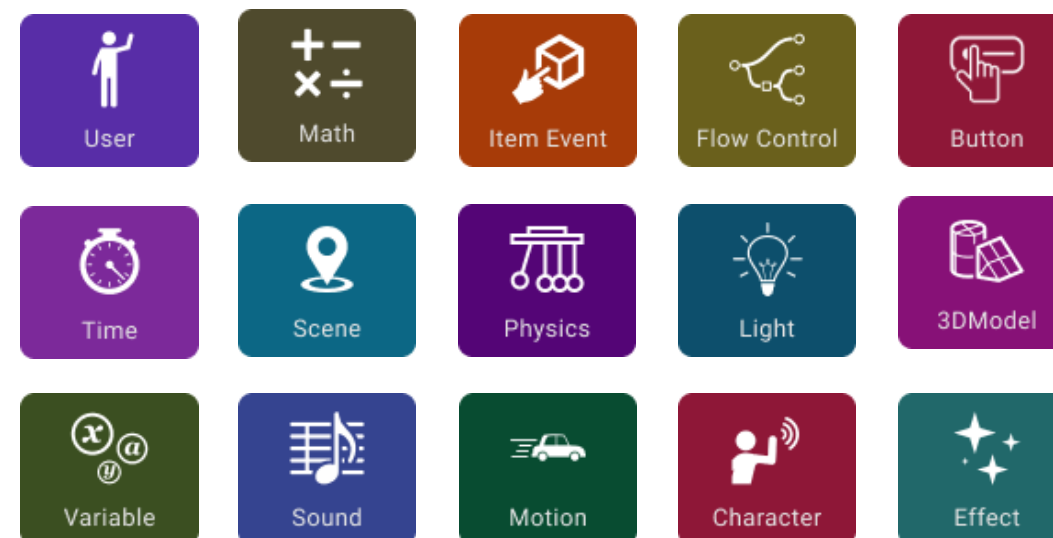


3 Play Anywhere solo or co-op in XR

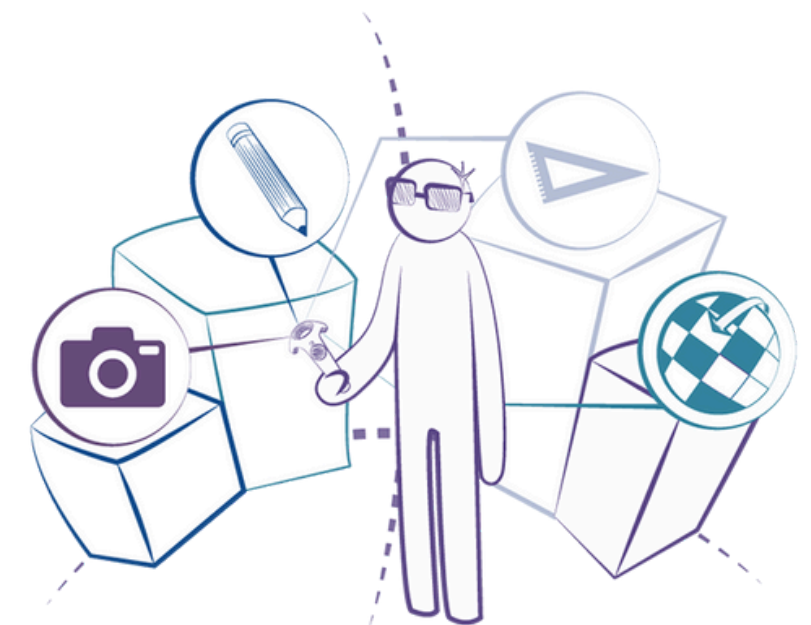
Play XRCC projects in PC, VR headsets & different VR CAVE setup natively, by single play or with up to 10 co-playing users.



Function
Rich



Provides more than 140 behaviour blocks

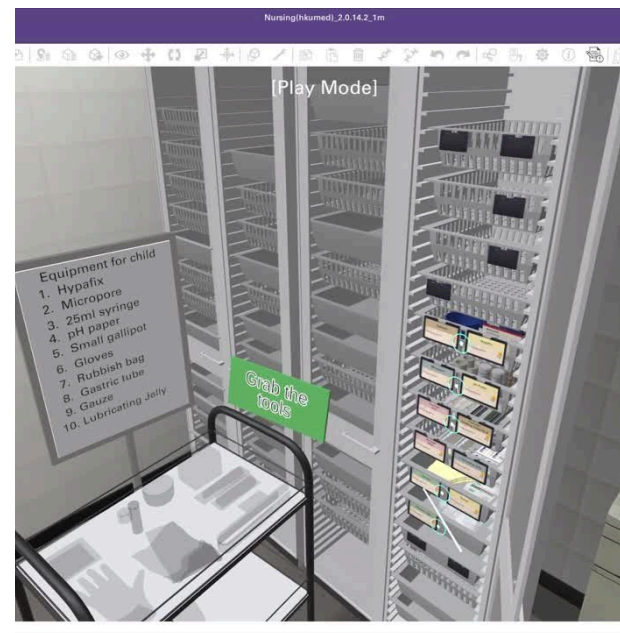


Empowering Pilot Users

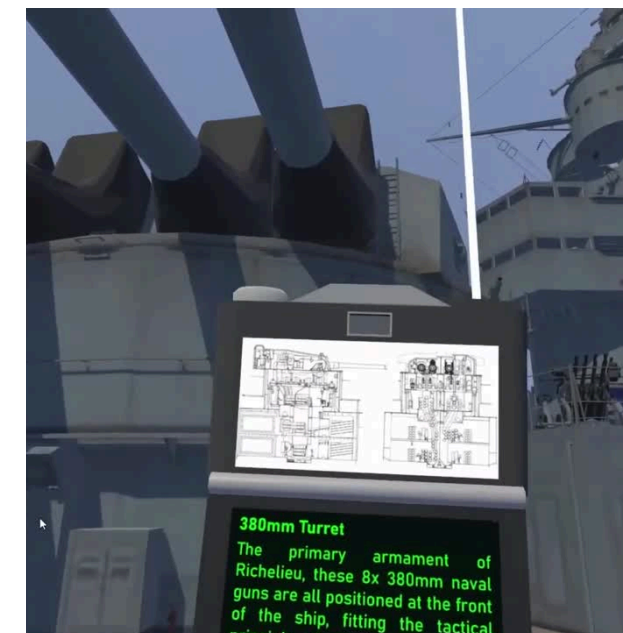
limitless possibility to share knowledge & learn



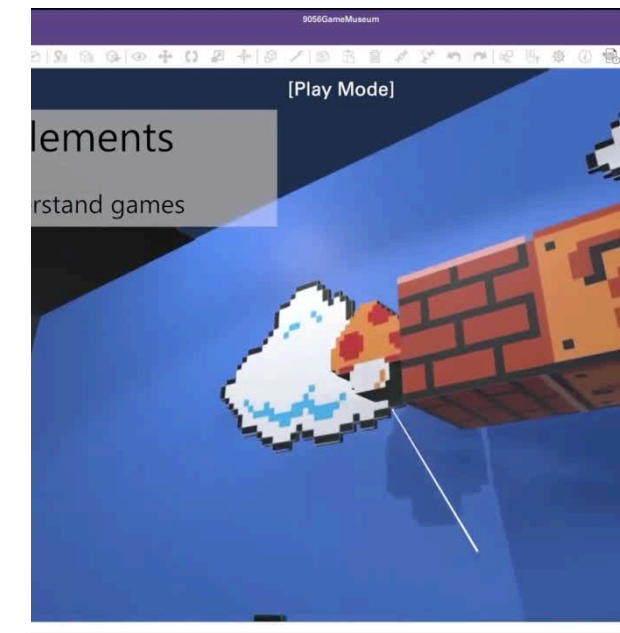
Safety Procedure Training



Medical Training for Nurse



Immersive Virtual Tour



Interactive Game Play

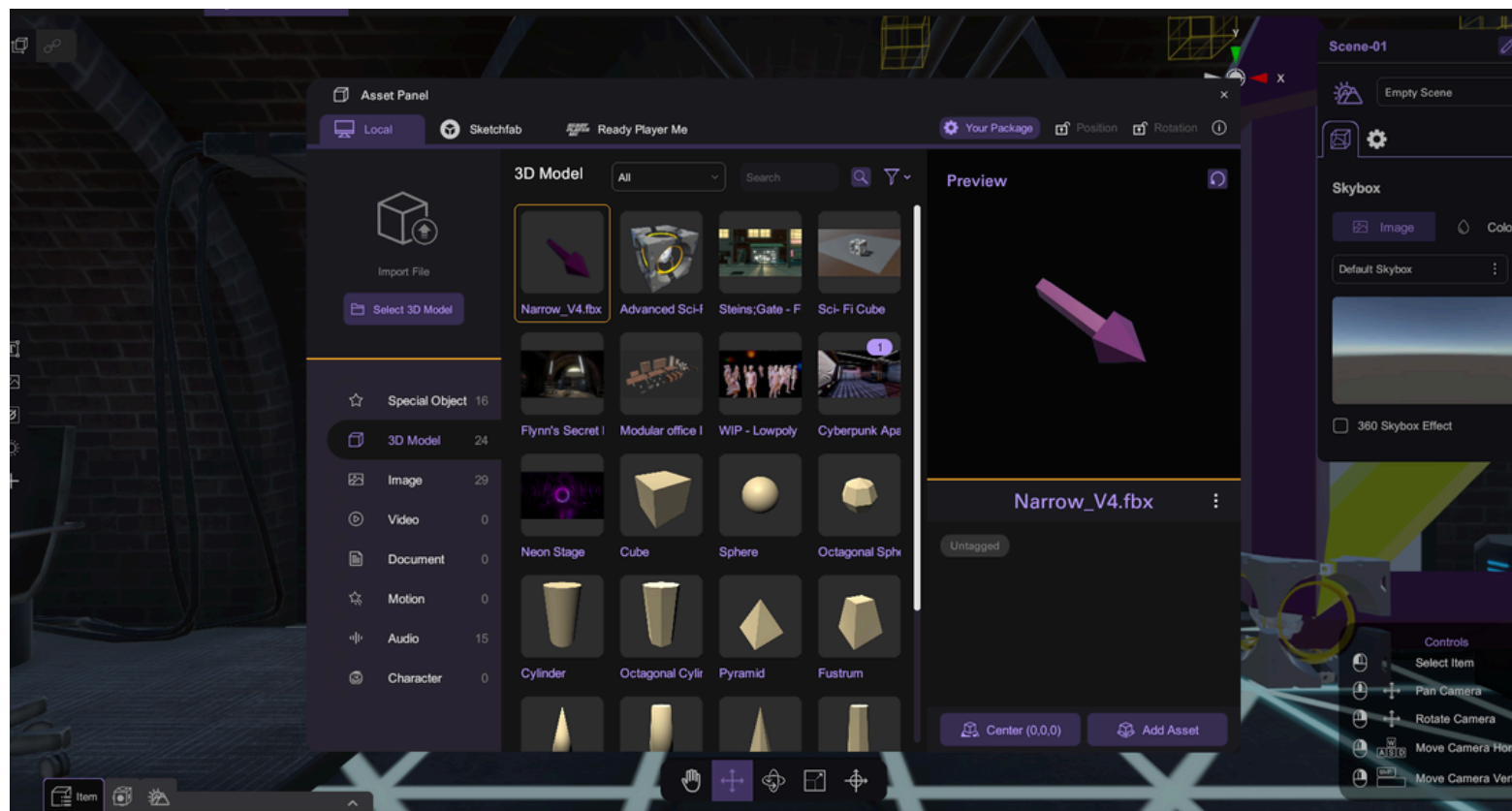


1 Solution Highlights

Easy to use

The core concept of VOTANIC is "Everyone can easily create XR works." Our software features zero code, drag and drop design, and can be used across platforms without optimization.

In addition, the production content is completely owned by the organization, and training content in different directions can be produced.



Shared 3D Models



Primary school students play their own XR works

2 Solution Highlights

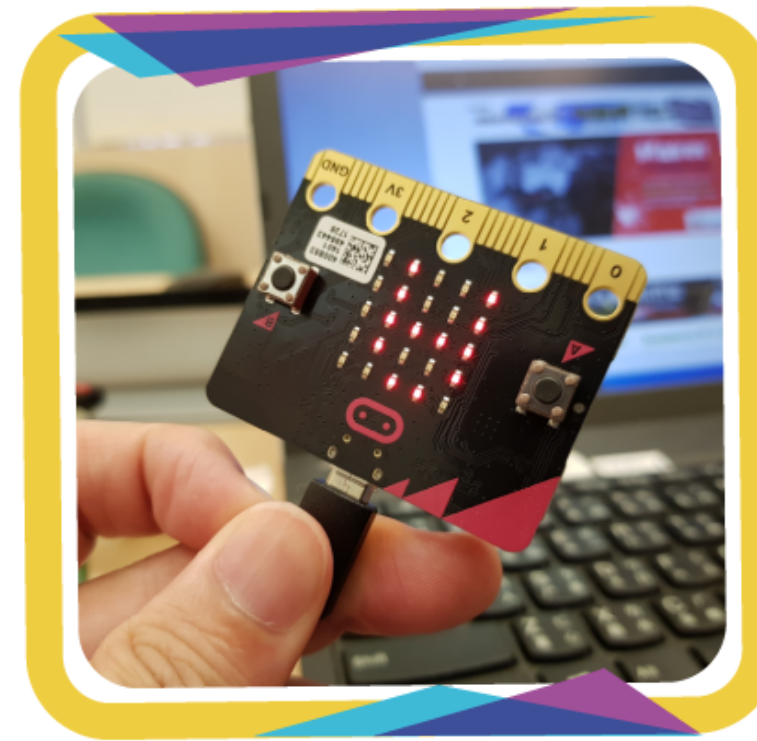
MR function

XRCC has a built-in "connect to entities" function, such as flashlights, pistols...

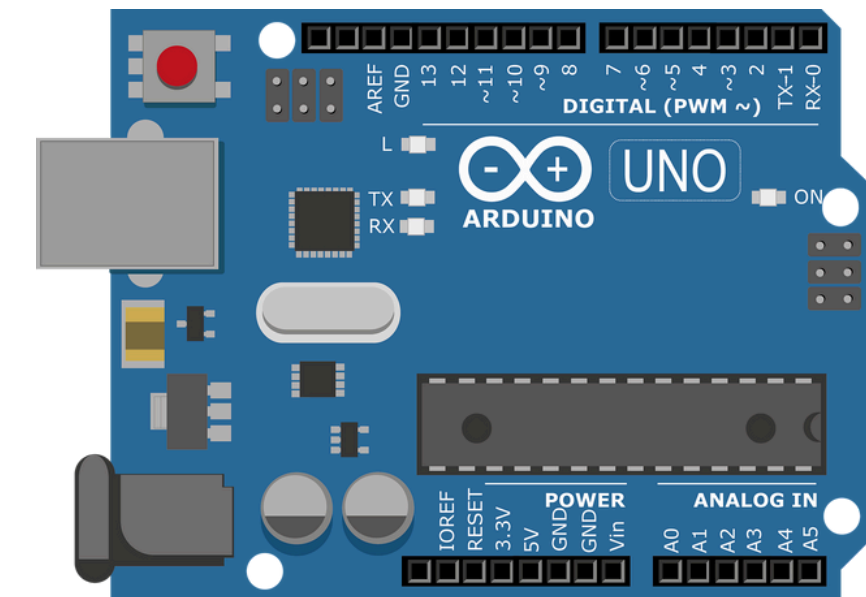
It can also be integrated with a microcomputer or to add a brightness meter, thermometer, and accelerometer to create MR projects.



MR Project Examples



micro:bit v2



Arduino Uno

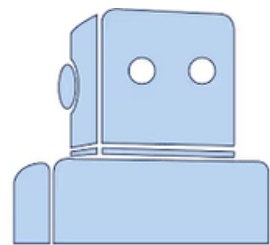
3 Solution Highlights

AI Features and development

XRCC has been connected to wit.ai and can be used for voice control (Voice Command) and chatbot (Chatbot).

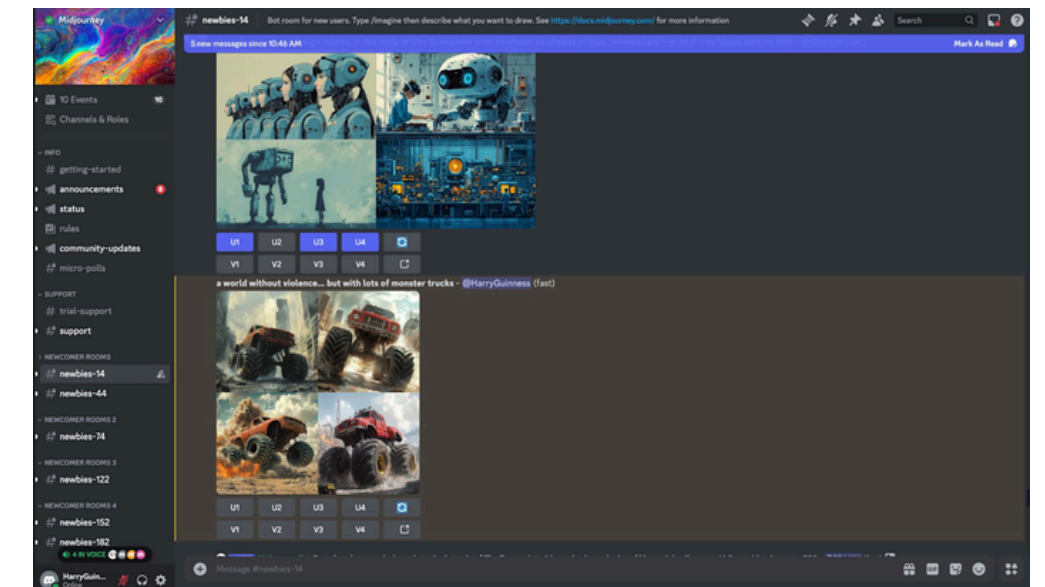
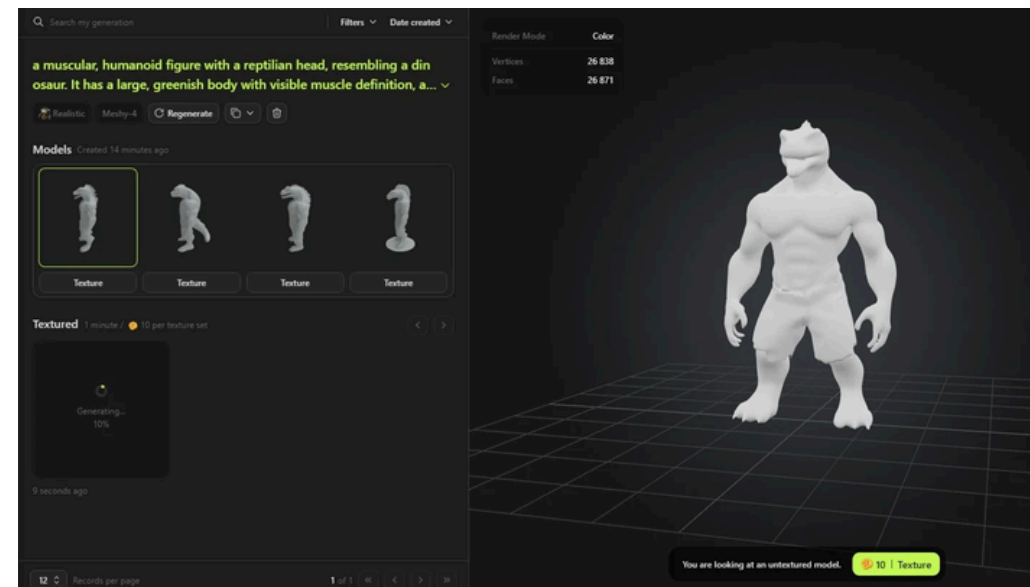
In addition, users can also use third-party AI tools and input them into XRCC.


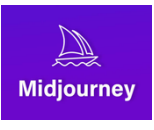
Meta



Wit.AI

Wit.AI is a natural language processing platform developed by Meta with powerful voice interaction capabilities.



Users can use AI tools such as  or  to input AI 3D model or AI image through prompt.

Other software packages

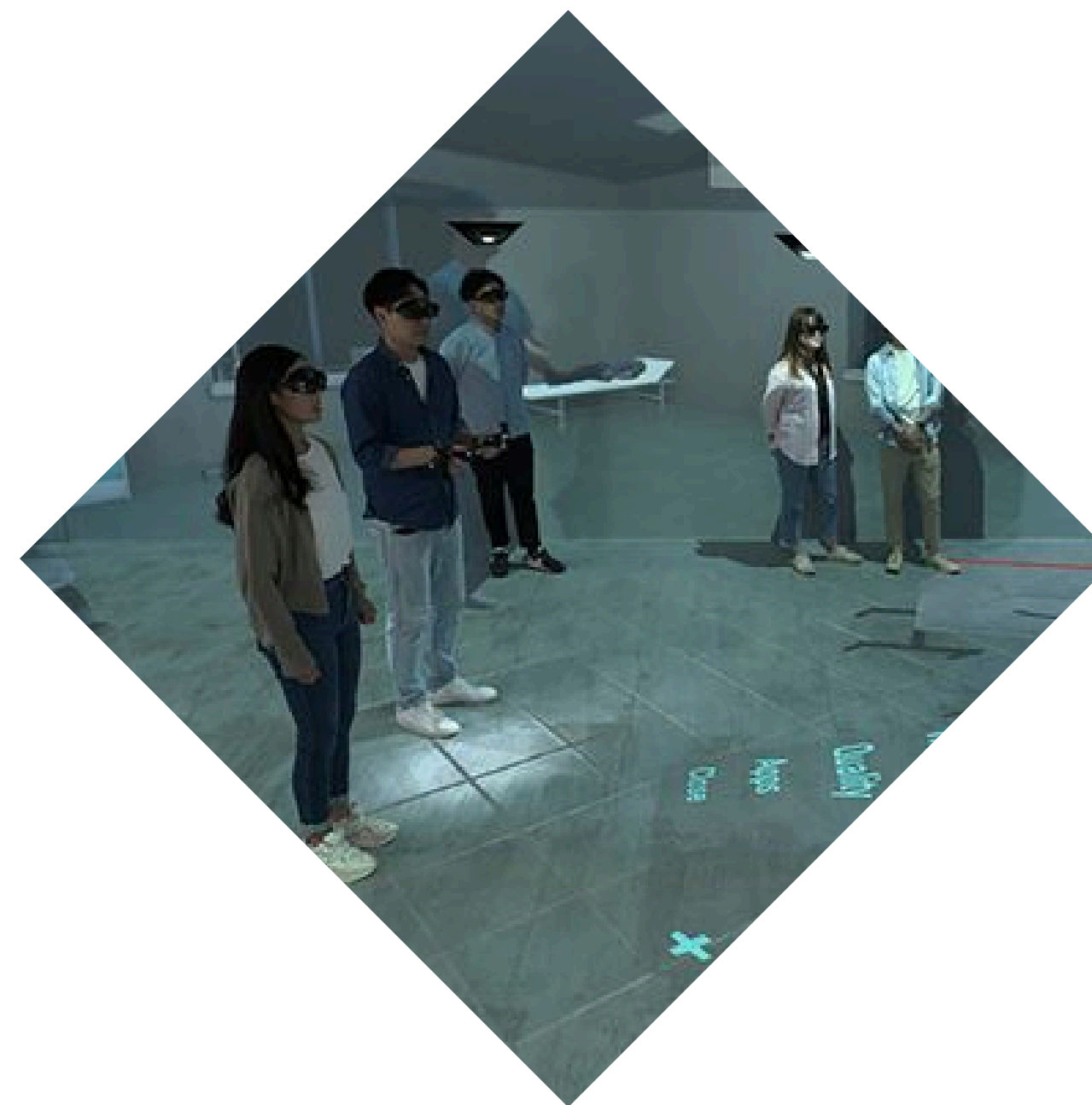
limit fully supports your XR needs

1 System Automation Software
VOTANIC XR

2 XR teaching starting content
XR content

3 For 360/XR Videos
VOTANIC Media Player

4 Extended development
Compatible with Unity



Customer Cases

Expand the application scenarios of XR



Professional Training



Education



Customer Cases

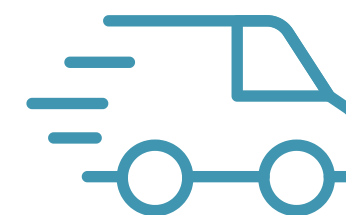
Expand the application scenarios of XR



Art &
Entertainment



SmarTone



Aviation &
Logistics



Healthcare &
Rehabilitation



Safety &
Security





THANK YOU

