Virtual Reality Development

ADD ANOTHER DIMENSION TO YOUR BUSINESS
With a unique blend of comprehensive industry experience and great passion for delivering simple and reliable solutions, we make a difference for those who are interested in enhancing their business with a virtual reality experience.

**Full-Cycle VR Development**

We apply reality-altering technology to erase the boundaries between physical reality and computer-generated worlds, allowing businesses to experience new spaces.

**VR-Ready 3D Content**

We augment businesses with interactive, low-poly 3D content without PBR textures that is designed to be rendered or immediately inserted into a virtual environment.
Our proficiency in the latest technologies used for effective virtual reality development is something we are really proud of. This technological excellence allows us to help businesses launch brand-new products that meet industry requirements and end-user expectations.
Our comprehensive experience and technical background guarantees that our experts will deliver powerful, effective, and realistic solutions to businesses. Our innovative offerings are reinforced with a well-established process that includes the full project lifecycle, from industry analysis to maintenance of the final product.
Real-time VR apps

Real-time applications process incoming information and provide a response within a definite time, typically without buffering delays. It allows for interacting with an initial environment effectively, especially for industries that require visualization and additional immersiveness.

SERVICES WE PROVIDE
- Cross-Platform Development
- VR Apps Porting
- 4K Video Streaming
- Real-Time VR for Telepresence
- Environment and Object Visualization
**VR training & simulation**

Virtual training is truly a sight to behold. These simulations are proved to be more effective and educational than their common alternative — training centers — across almost all industries. We create a custom virtual environment that is cost-effective, visually appealing, and compelling.

**SERVICES WE PROVIDE**

- 3D Content Development
- Data Visualization
- Compelling Training Scenarios
- Interactive Simulations
- Serious Games
- Procedural Training
- Man-Machine Interface

**BENEFICIAL FOR**

- Education
- Automotive
- Military
- Aerospace
- Government
- Aircraft
- Healthcare
- Manufacturing
Key Offerings

VR games

The Gaming and Entertainment industry was one of the first to enjoy the advantage of virtual reality games. Companies and enterprises meet the challenge when it comes to visualizing interactive and realistic games. They need to harmonize full immersion into the fantasy world with enthralling gameplay. Our team offers an exclusive solution to this issue by creating engaging virtual experiences for gamers and game geeks.

SERVICES WE PROVIDE

• Cross-Platform Development
• Game Porting
• UI & UX Design and Implementation
• Game Characters, Assets, and Props
• Modeling, Rendering, and Texturing
• Interactive In-Game Solutions
• Serious Game Development

BENEFICIAL FOR

Education
Gaming
Healthcare
Manufacturing
Engineering
Entertainment
Military
Interactive walkthroughs

Despite the common misconception that interactive walkthroughs refer only to architectural visualization, we offer a comprehensive solution that can help businesses to increase customer’s satisfaction and reduce operational costs. Using interactive walkthroughs as a powerful advertising and showcasing tool, businesses improve their sales and marketing performance.

SERVICES WE PROVIDE

- Virtual Walkthroughs
- 3D Flythroughs
- 3D Modeling
- Production-Ready Content
- 3D Animation

BENEFICIAL FOR

- Architecture
- Marketing
- Advertising
- Retail
- Tourism
- Construction
- Hospitality
- Real Estate
VR shopping

Virtual reality shopping is an effective solution for all branches of the retail industry. It improves the shopping experience and boosts sales by allowing customers to browse through real racks and shelves from any remote location without leaving their homes.

SERVICES WE PROVIDE

- Product Design and Modeling
- Virtual Reality Presentations
- of Goods and Services
- 3D Modeling of Products
- Virtual Advertising
- Interactive Catalogues
- Embedded 360° Videos

BENEFICIAL FOR

- Agriculture
- Interior Design
- Retail
- Manufacturing
- Ecommerce
- Automotive
4D Interactive Theatre

An interactive virtual trainer that uses 3D models, marker-rich augmented reality technology, and holographic computing to provide a completely new training experience.

TECHNOLOGIES:

- unity
- oculus
- C#
- Autodesk Maya
Mirinda VR

Mirinda VR is an application for desktop users to experience a cruise throughout an island and collect points by picking up virtual Mirinda cans while riding in a roller-coaster booth. Compatible with Oculus Rift, it requires the user to make certain head movements to make sigil gathering fast and effective.
Origami VR Game

Origami Race is a runner game for HTC Viv. The players need use controllers to take the Origami paper airplane through all kind of obstacles and gather various bonuses.
VR Hotel

The VR Hotel app was developed by our team for HTC Vive VR headset to showcase cozy rest zones in an interactive virtual environment. Our client needed a contemporary solution in creating a realistic housing simulation with convenient and responsive controls, deep customization, and flawless technical performance of the app.

TECHNOLOGIES:

unity

oculus

C#

AUTODESK 3DS MAX
Magrabi VR Store

Magrabi Optical’s VR store app with an immersive virtual retail experience for Google Cardboard, which allows for visiting the retail store and getting the product information without the physical presence at the store.

TECHNOLOGIES:

- Unity
- iOS
- Android
- Autodesk 3ds Max
Terragame

We created the virtual reality video reel, character animation and VFX for Terragame Center - the first virtual reality park in Belgium.
Sci-fi Maze

We developed a full-dive virtual reality futuristic maze for HTC Vive using Unreal Engine.