



Class that Interests!

Kits

6DoF Solution



METAVISION NOLO
6DoF VR Headset



LENOVO
Tablet



BOE
Interactive whiteboard



HTP
Projector



NVIDIA
CloudXR™



NVIDIA
Cloud rendering server

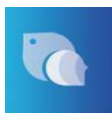
3DoF Solution



3DoF VR Headset



Smart Interactive Box



Skyworth
3D Content Creator

Virtual Reality Makes a Better World, and we are thankful to be a part of it.

MetaVision has developed a close partnership with a number of industry leaders such as BOE, Qualcomm, Huawei, Skyworth, Nvidia, etc., to provide our customers state-of-the-art products, software service, and custom-fit solutions.

With our practical hardware and software development experience and deep understanding of the root, MetaVision serves our clients as a technical consultant, product development partner, and supplier, enabling our partners to achieve AR VR goals with cost-saving and time efficiency.

Small Projects

Whether it is a small or big demand, we will try our best to offer exceptional support.

Data Secure

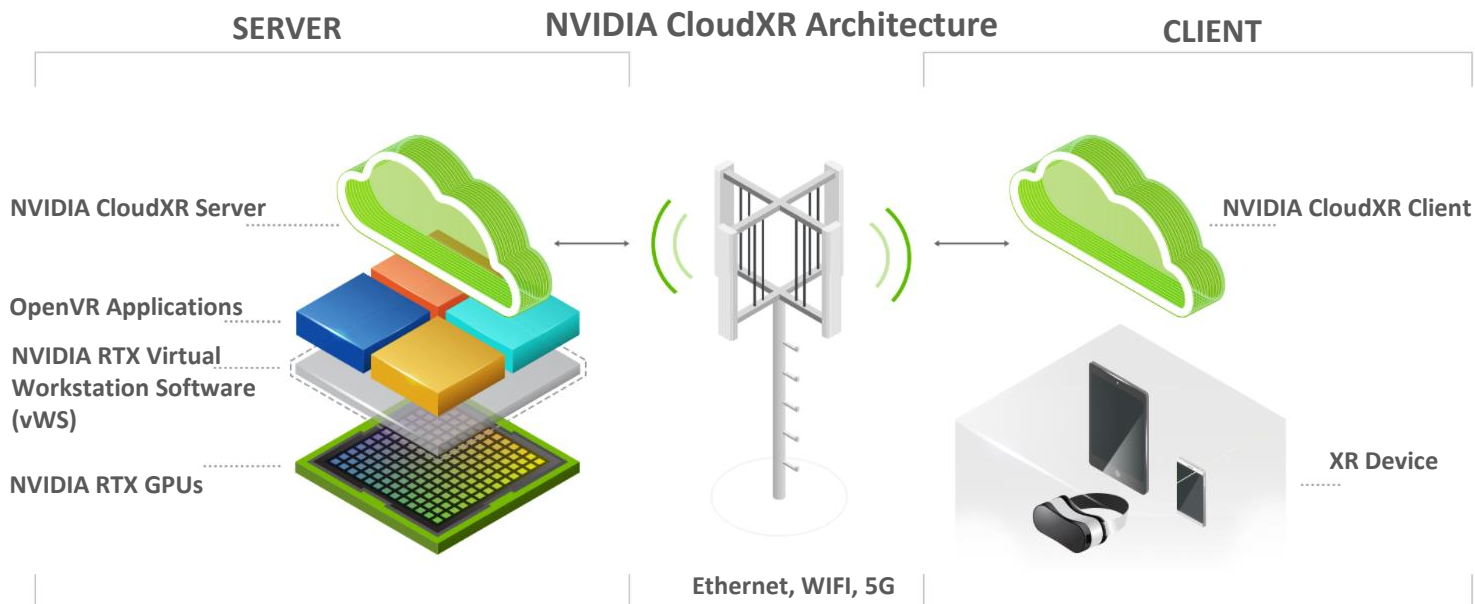
Our VR-for-business program offers business IDs, so users don't need to use a personal social media account to log in. And our Hardware Encryption for content solutions highly keeps your data secure and private.

Always at the leading-edge

In 2022, we will launch two 6DoF AR/VR Headsets (lighter and thinner solution), adopting the leading-edge BOE micro-display and QualcommVR.

Understanding your needs

With our significant experience in AR/VR products development and project supply, we are a professional AR/VR supplier.



NVIDIA CloudXR™ & 6DoF VR Headset

Introduction

Nvidia's CloudXR™ is made for streaming cloud-rendered AR and VR content over 5G connections. Built to support Steam VR/OpenVR content out of the box, Nvidia wants to leverage GPU-based cloud infrastructures to enable businesses to render high-end AR and VR visuals remotely and deliver them to customers over 5G.

Our cloud platform is a full-link standardized product of CloudXR™ with integrating its core technologies of GPU cloudification graphics containers, real-time CODEC, and network transmission optimization. The system supports the execution of graphics rendering on the cloud server and directly pushes the generated content to the host device.

Features

- The system generally provides managerial functions including user management, course management, resource management, etc.
- Supports multi development interfaces and SDKs for second development
- Compatible with Unity, Unreal, CryEngine, Unigine, OSG, etc.
- New levels of visual fidelity with Nvidia CloudXR™
- Ultra-low latency for silky-smooth AR/VR
- Physics Simulation for accurate visuals and haptics
- Supports up to 4K resolution
- Provides the most cost-effective 6DoF all-in-one VR headset and other hardware products.

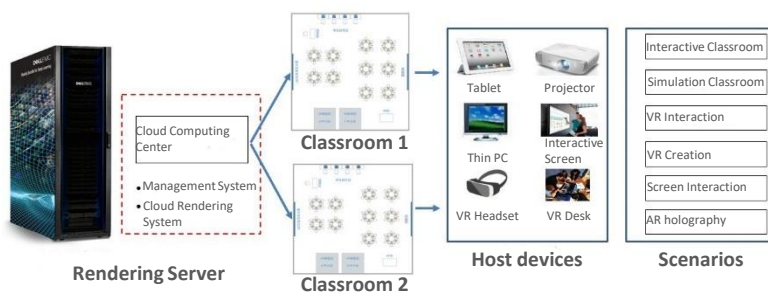
Kits

One package solution includes:

- Cloud rendering server
- Cloud software licensing
- 6DoF VR Headsets
- 5G Wifi Routers
- Control and Management Tablet
- Interactive big screen
- Smart interactive box

Software development kits

- Supports secondary development SDK of cloud server
- Provides Android and iOS SDK for the end-user application development
- Offers free and charge-based interface (http REST style) for developers.





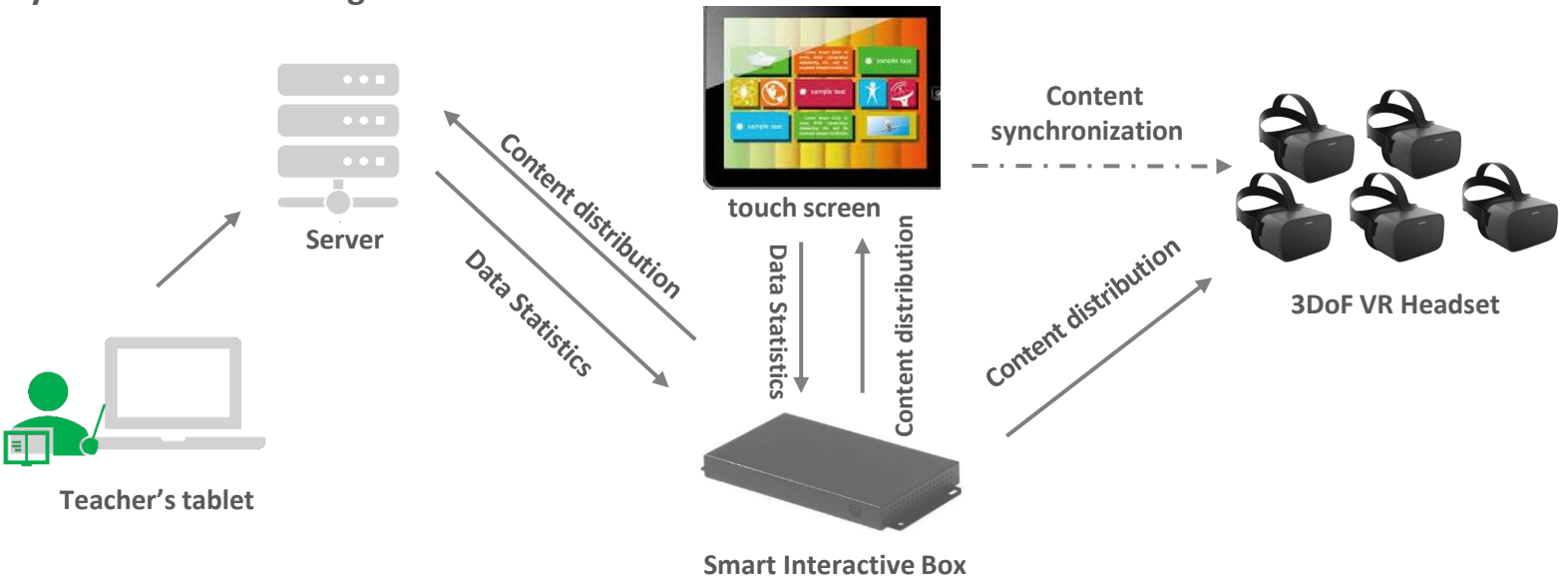
Hardware Kits Example

| Key Products (Hardware) | Specifications | Image |
|---|--|-------|
| METAVISION SONIC 6DoF VR Headset | Qualcomm® Snapdragon TM 845 Up to 4K resolution 101 FOV 802.11 a/b/g/n/ac, dual-band (2.4+5.0GHz) Light weight 390g long lifetime design up to 9000mAh External virtual controllers Tracking area: 10m*10m | |
| BOE Interactive Whiteboard | 65/75-inch touch panel 4K resolution Projected capacity touch technology | |
| Lenovo Tablet | Qualcomm Snapdragon 10.1" FHD (1920 x 1200) display with 10-point multitouch Up to 64 GB storage + up to 128 GB microSD | |
| Skyworth CPE | 5G NR IEEE 802.11 a/b/g/n/ac/ax compliant Built-in 4x4 MU-MIMO antenna Support NSA/SA network mode Qualcomm X55 chipset, Qualcomm dual band Wi-Fi chip | |
| NVIDIA Cloud Rendering Server (Hardware) | 2*Intel Xeon Silver 64GB RAM, 1*1TB SSD Graphics card 3* NVIDIA RTX 2060S 8GB | |

*The system would require the speed and low latency of the 5G network to function.

*We also specially provide help buy service for our customers. Please inform us of the equipment plan and budget we'll make it.

System Schematic Diagram



BENEFITS & DATASHEETS

Offering all needed hardware:

- 3DoF VR-Headsets for students
- Smart Interactive Box
- Tablet and supporting materials for instructors
- BOE premium interactive display
- 5Gwifi router
- Offer help-buy service for custom needs

The best selection of hardware provides purely immersive VR learning:

3DoF VR Headset

- Equipped with the world's leading-edge parts Qualcomm snapdragon and BOE 4K display, the VR headset creates a immersive audio-visual experience. This device supports panoramic videos, working with Firefox reality browser and web-VR. The best 3DoF All-in-One VR headset in the world.
- Featuring in lighter, 4K display and panoramic sound.

Smart Interactive Box

- This powerful connectivity and streaming solution is specially designed for the scenarios, utilizing the best CPU for streaming to ensure a high transmission speed and reliability.

Offering Help Buy service for custom needs

MetaVision's mission is clear: utilizing our relationship and expertise to provide outstanding products and services to make AR&VR more accessible for enterprises, professionals, educators, students, etc.

3DoF VR Headset

Display

- 4K Resolution, 100 FOV, 75Hz refresh rate

CPU

- Qualcomm snapdragon 821 CPU 2x Gold (2.34 GHz)

Connection

- 802.11 a/b/g/n/ac 2x2 MIMO

Design

- Light weight 310g

Developer

- Android operating system and self-development UI

Content

- VR Education, VR Gaming, Customized Content (Providing SDK access)

Key Features

- 3DoF, contents encryption, Stereo surround sound

Smart Interactive Box

CPU

- RK3399 dual-core Cortex A72+quad Cortex-A53

Storage

- 32GB, supports TF card

Gigabit network port

- Ethernet 10M/100M/1000Mbps

Ports

- USB3.0, Type c, HDMI 4K 2.0

Bluetooth

- Bluetooth4.1

Headsets limits (standard solution)

- Up to 50 seats