



# Mixed Reality Productivity Toolset in the Era of Metaverse

---

**Richard Cheng**  
COO of Jingteng Tech





# 目录

## Content

- 01 Mixed Reality and Enterprise Metaverse
- 02 Jingteng Mixed Reality Platform
- 03 Mixed Reality Productivity Toolset
- 04 Customer Case

# About Jingteng Tech



- Established in Sept 2017, Shanghai
- Key founders came from Microsoft (10+ years working experience)
- Top Mixed Reality software solution vendor with rich enterprise customer cases
- **The first and only Microsoft Mixed Reality Gold Partner in China**



## CEO John Zhang

- 10+ years management career path in Microsoft.
- Led the Microsoft Dynamics 365 support group in the APAC region.



## CTO Bin Xie

- Top level engineer in Microsoft Asia.
- Awarded as the top 5% talented people in Microsoft China.



## COO Richard Cheng

- 10 years engineering role and 5 years management role in Microsoft.
- Led the Microsoft security projects in China.



# Enterprise Metaverse



元宇宙使我们能够将计算嵌入到现实世界中

In a sense, the metaverse enables us to embed computing into the real world,

- An enterprise metaverse is a metaverse that **enables business growth opportunities** for an enterprise or **improves the productivity** in an enterprise.
- Enterprise metaverse must create real values. It's **not a showoff project**.
- The **ability to connect the physical world and the digital world** is a core feature.
- Mixed Reality (MR) technology gives us this possibility to connect the two worlds.

"The metaverse enables us to embed computing into the real world, and to embed the real world into computing, bringing real presence to any digital space."

-- Satya Nadella, Microsoft CEO

**Mixed Reality (MR) = mix virtual and reality**



# Jingteng Mixed Reality Platform

Architecture

N

Solutions

Industry

Finance

Education

...



Business System

AI IoT

1

SaaS Toolset



MR Meeting



MR Remote Assist



MR Training



MR Digital Twins

1

Platform



People



Content



Tools

Jingteng HoloLogic MR Platform



Network



Security



Accounts



Audio | Video



Holographic

Infrastructure



Cloud Service



5G



Cross Platform Devices



Cloud Deployment



Windows



iOS + AR Kit



Android + AR Core



HoloLens



Action One



Nreal

# Productivity Solution for Remote Meeting: BeamLink



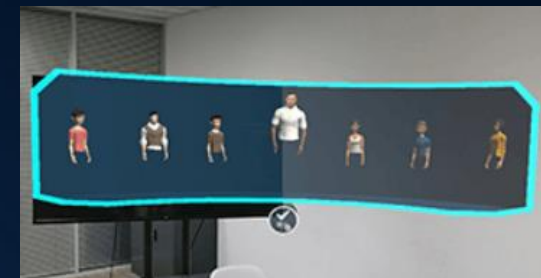
BeamLink is the **first remote hologram meeting application** in China. With the face-to-face communication experience, people can concentrate more on the meeting content when they are in a hologram meeting. BeamLink helps improve the efficiency of remote meetings.



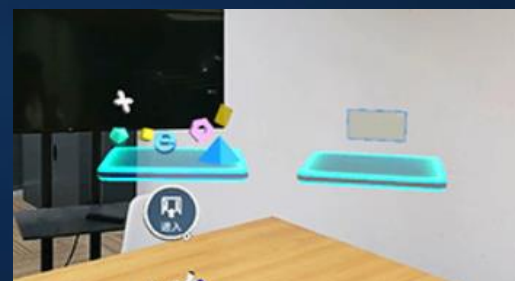
## Meeting Steps



1. Generate user's avatar with a picture.



2. Choose your outfit.



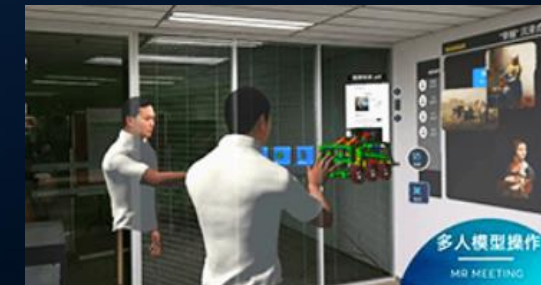
3. Select a meeting room.



4. Share content and collaborate in your space.



5. Use whiteboard and sticky notes.



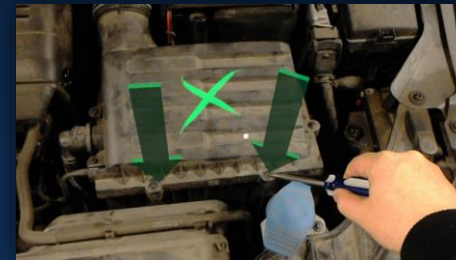
6. Collaborate with 3D content.



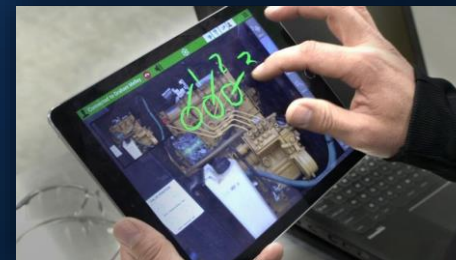
# Productivity Solution for Remote Assist: JTRA



1. Free field engineer's hands.



2. Accurate spatial annotations.



3. Cross-platform support.



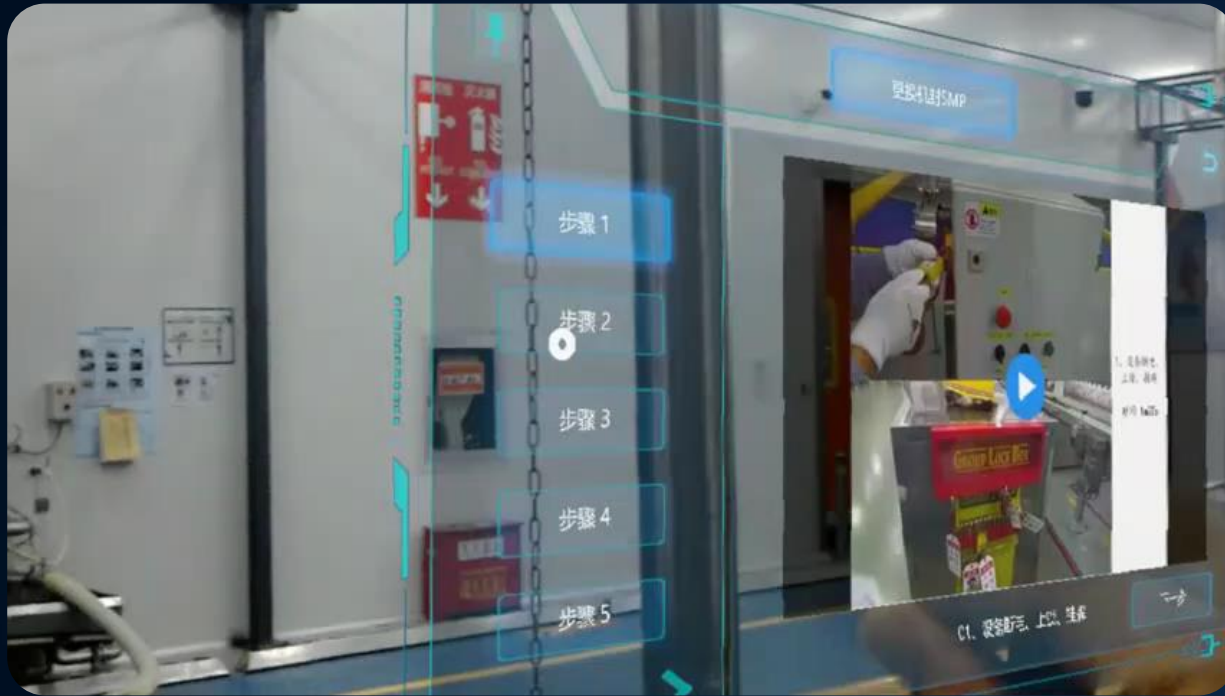
4. Rich content formats.



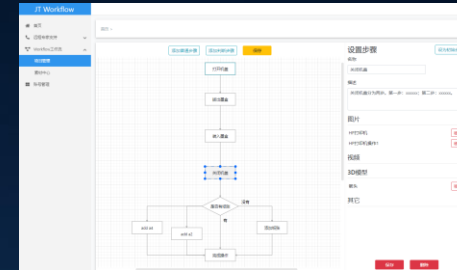
JTRA uses AR/MR technology to help remote experts support field engineers more efficiently. A remote expert can transfer images, documents and 3D models to field engineer's headset. Meanwhile, the remote expert can also mark spatial annotations which appear directly at the target locations. **This solution makes the remote support scenario much more efficient than ever.**



# Productivity Solution for Training: JTWorkflow



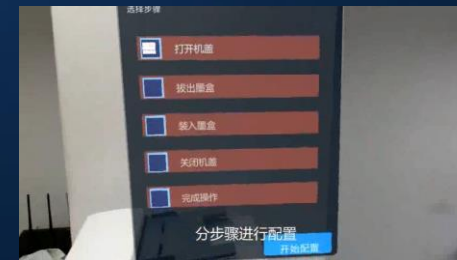
JTWorkflow brings holographic step-by-step instructions to the field workers. All the operation details can be displayed directly on the target object. It makes a complicated operation training very simple, so that every trainee can go through the steps without trainer's involvement. **This solution improves the training efficiency and operation accuracy. It also reduces the demands for trainers.**



1. Create workflow sequences on the web.



2. Use HoloLens to scan the QR code to locate the anchor.



3. Login as a trainer and edit the training course step by step.



4. Login as a trainee and follow the instructions directed by HoloLens.

# Award Winning Mixed Reality Toolset



All the three Jingteng Mixed Reality Toolset applications (BeamLlink, JTRA, JTWorkflow) were awarded by **China Academy of Information and Communications Technology (CAICT)** as the “**Excellent Showcase of Real-time Interactive Innovative Application**” in 2022.

# Customer Case: VIP Customer Service in Metaverse



**Customer:** Citic Securities

**Solution:** Provide cutting-edge remote service experience to VIP customers

**Functions:** 1. Service delivered by remote financial expert. 2. Service delivered by AI.

**Appearance:** 1. Real human (video with transparent background). 2. Virtual avatar (3D model)



# Customer Case: Industrial Metaverse Solution



中国石油渤海钻探工程公司  
CNPC BOHAI DRILLING ENGINEERING COMPANY LIMITED



通过引进AR技术

**Customer:** CNPC

**Solution:** MR Enterprise Metaverse solution to help improve working efficiency.

**Functions:** 1. Field training 2. Remote Assist 3. MR Meeting 4. Data inspection

感谢您的时间!  
Thanks for your time!



境腾科技  
Jingteng Tech

[www.jingtengtech.com](http://www.jingtengtech.com)



**Richard Cheng**

Phone/Wechat: 13501926966

Email: [riccheng@jingtengtech.com](mailto:riccheng@jingtengtech.com)