
The 5G Era: Consumer Devices of the Future

Tuesday, 22 October 2019

13:00 – 15:00



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Microsoft



THE MICROSOFT MIXED REALITY STACK

Mixed Reality Applications



Azure Cognitive Services



Vision



Speech



Language



Knowledge



Search

Azure Mixed Reality Services



Azure Digital Twins

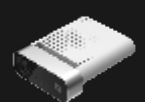


Azure Spatial Anchors



Azure Remote Rendering

Intelligent Edge Devices



Accelerated Network



KEY INNOVATIONS

IMMERSION



2X field of view

Touch holograms – Fully articulated Hand Tracking

Windows Hello and Eye Tracking

ERGONOMICS

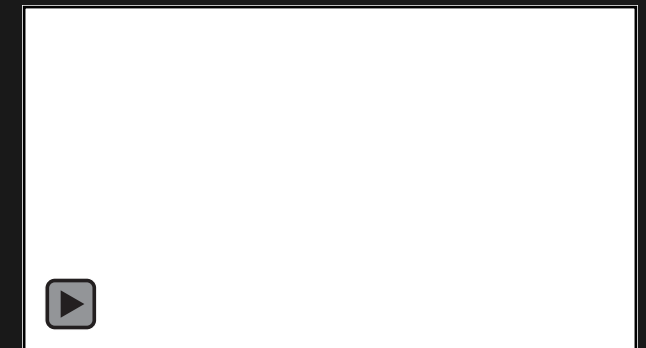


3X more comfortable

Balanced weight distribution

Flip-up visor

TIME TO VALUE



From months to **minutes**

Dynamics 365 solutions

3rd Party/Industry solutions

MIXED REALITY SAMPLE USE CASES



Remote assistance

Empower employees to work together, even when they're worlds apart.



Training & task guidance

Enhance learning with step-by-step instructions that help employees learn new skills faster.



Collaborative visualization

Visualize room layouts and product designs before building out physical models.



Contextual data access

Gain real-time insight from the working environment to improve operational efficiency.

Guides



Engage employees with hands-on learning



Generate data to improve process



Improve training effectiveness



Remote Assist



Technicians solve problems in real-time with the help of remote experts



Managers walk the job site without being on site



Bring information into view





HOLOLENS 2

Most **comfortable** and **immersive** mixed reality experience available

Largest **ecosystem** of 1st & 3rd Party mixed reality solutions

The **reliability, security, and scalability** of cloud and AI services from Microsoft





A person wearing a blue safety vest over a dark grey long-sleeved shirt and grey cargo pants is holding a Microsoft HoloLens 2 headset in their right hand. The background is a blurred industrial setting with wooden pallets.

 COMMERCIAL READY

Commercial Environments

Industry Certifications

HoloLens Customization Program

⚙️ HOLOLENS CUSTOMIZATION PROGRAM

Microsoft HoloLens 2 Component

New modular design provides
opportunity for use case adaptation

First Partner Offering:

Trimble XR10 with HoloLens 2



■ MICROSOFT AZURE MIXED REALITY SERVICES

AZURE SPATIAL ANCHORS



Share and collaborate with cross-platform mixed reality

AZURE REMOTE RENDERING



Experience 3D without compromise to fuel decisions and design efficiency

AZURE DIGITAL TWINS



Model the physical world and relationship between people, places and devices