Entertainment

Immersive Entertainment Powered by AI & IOWN

MWC26

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Innovative Optical and Wireless Network (IOWN)

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A Next-Generation Information and Communications Infrastructure Featuring Large Capacity and Low Latency

End-to-End Optical Transmission

Large Capacity

Tens to hundreds of Gbps
(5G: approx. 10–20 Gbps)

Low Latency

0.5 ms over 100 km
(5G: average ~10 ms)

Deployed in live broadcasting

Enables **real-time streaming** of **3D** and **4K/8K video content**, which has traditionally been difficult to deliver with **low latency**

A New Entertainment Experience Powered by AI & IOWN

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AI

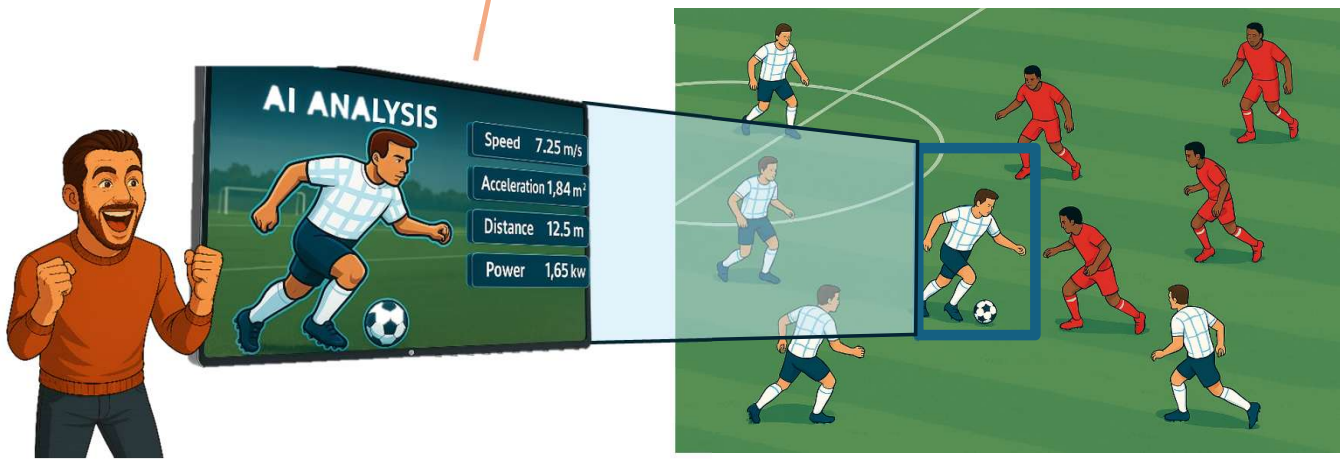
Video Creation & Motion Analysis

IOWN

Large Capacity & Low Latency

Visualizing motion **in real time,**
Experiencing a **free-viewpoint.**

Immersive experience that feels like being at the stadium



Experience the Virtual Stadium From Anywhere, in Real Time

Overview of Our Exhibit

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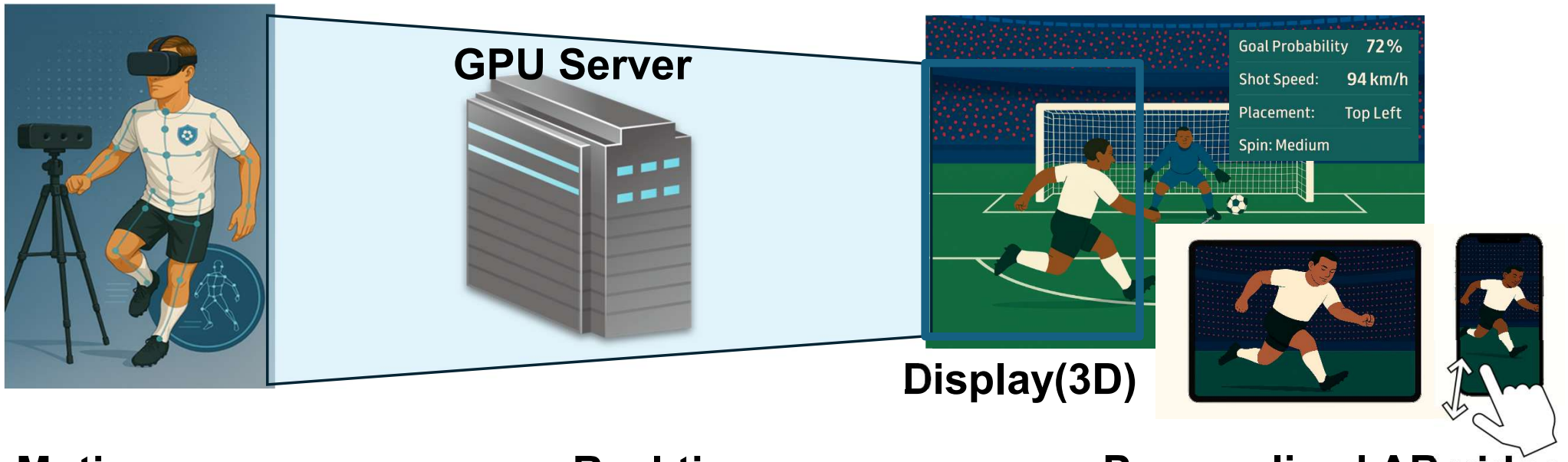
A player wearing VR goggles is captured in 3D using IOWN & AI for immersive viewing

AI-powered 3D Scan

Real-Time AI Analysis



Motion Analysis → **Real-time 3D Video Processing**

Personalized AR video

Future Development Concept

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MWC Venue

GPU server

Display(3D)

Stadium

Data Center

APN

APN

AI Processing

Remote Location

Our Vision

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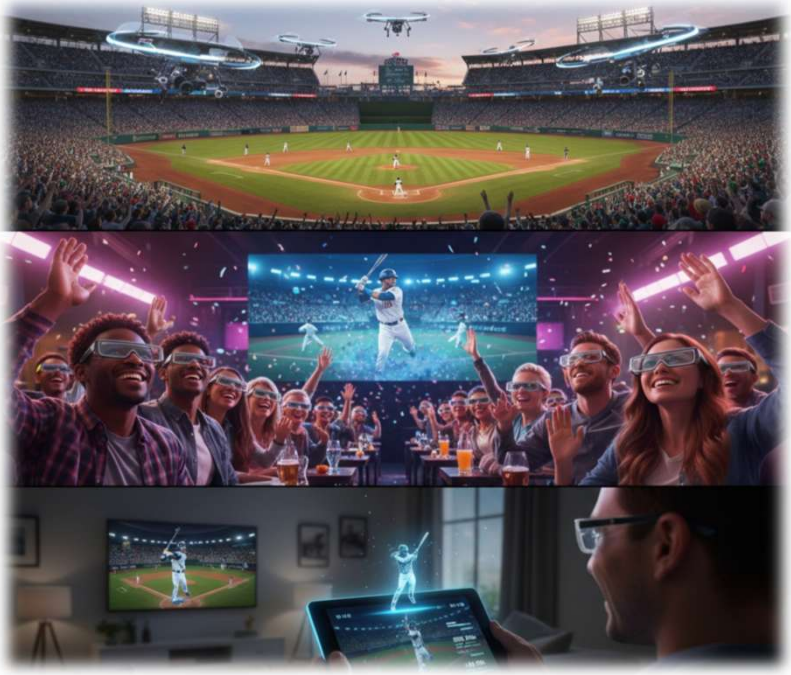
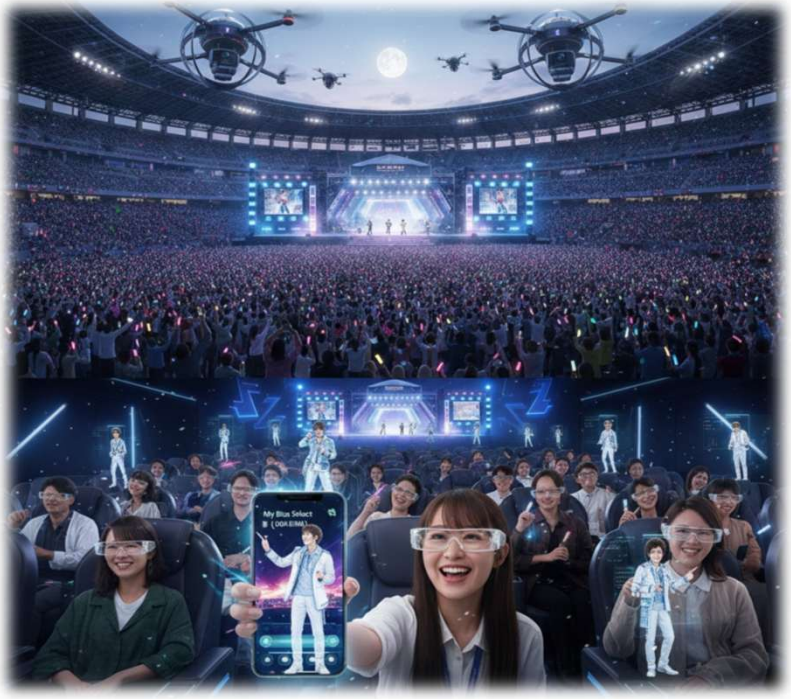
We will expand immersive experiences beyond venue limits by transmitting “large-capacity 3D live video” and “AR video to mobile devices” with low latency using IOWN



Immersive Live Viewing



Personalized Viewing Experience

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