



TetaVi's volumetric video creates  
**high fidelity holograms**  
from real people



Please view in slide show mode

- ❏ What is Volumetric video?
- ❏ Opportunities for 5G carriers
- ❏ Case study – “The president and I”
- ❏ Virtual fashion show example
- ❏ TetaVi Portable Volumetric capture studio
- ❏ About TetaVi

# WHAT IS VOLUMETRIC VIDEO?



**Volumetric video** is a technique that captures a three-dimensional space, such as a location or performance.

# WHAT IS VOLUMETRIC VIDEO?



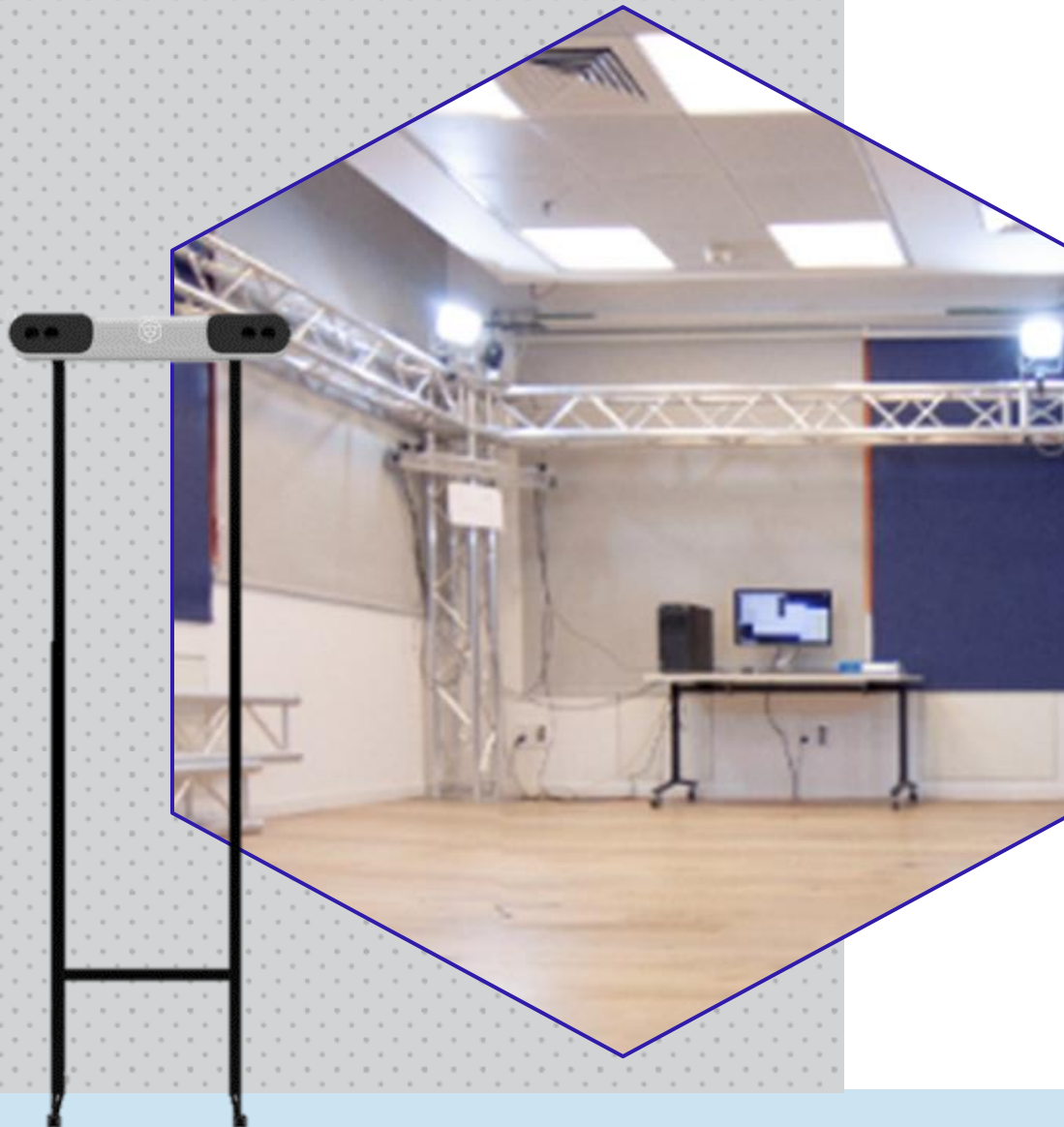
The captured scene can then be viewed from **any angle** (i.e., can walk around it, below or above it, etc.) and at **any time** during playback

# WHAT IS VOLUMETRIC VIDEO?



TetaVi's volumetric video improves **immersive and interactive experiences** by making it possible to incorporate life-like, high fidelity, holograms of living people in augmented and virtual reality.

# WHAT IS VOLUMETRIC VIDEO?



TetaVi's portable capture system can be setup **at any site** (i.e. we can go to the talent) within a **few hours**.

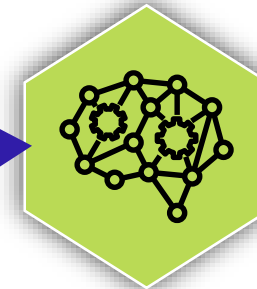
# WHAT IS VOLUMETRIC VIDEO?



Self contained  
**END\_TO\_END**



Capture



AI Process



Distribution  
on any screen

# OPPORTUNITIES FOR 5G CARRIERS



**Covid19 creates an increasing demand for content creators and brands such as pop stars, sports leagues, performers and more to create a virtual events to replace audience attendance events**



GALANTIS Virtual Concert for Japan/Asia

# OPPORTUNITIES FOR 5G CARRIERS



**5G infrastructure enables both creation and distribution of volumetric content from the “Stage” to the end customers**

**both off-line (pre-captured) and Live Streaming**



# OPPORTUNITIES FOR 5G CARRIERS



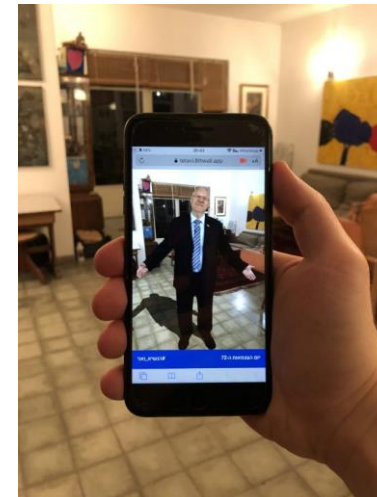
**Telepresence, virtual meetings and virtual training creates increasing demand for connectivity, the next step is to meet and interact in a virtual space. Volumetric live stream and 5G networks are required to enable this new exciting experience.**



# EXAMPLE – PROJECT JUST COMPLETED FOR THE PRESIDENT OF ISRAEL



- Typically on Israel's Independence Day, its President greets people at his home and delivers an annual address to the nation
- This year (April 29), TetaVi enabled the President to deliver his speech through AR to homes across the country
- Users only needed to click a link on their mobile device
- First volumetric broadcast of a Head of State



- ❖ Augmented reality rock concert, You can join in the clip
- ❖ Virtual music video
- ❖ Social networks augmented and virtual events



Rapper was filmed in our TLV studio. Footage was then placed in a mobile based AR experience

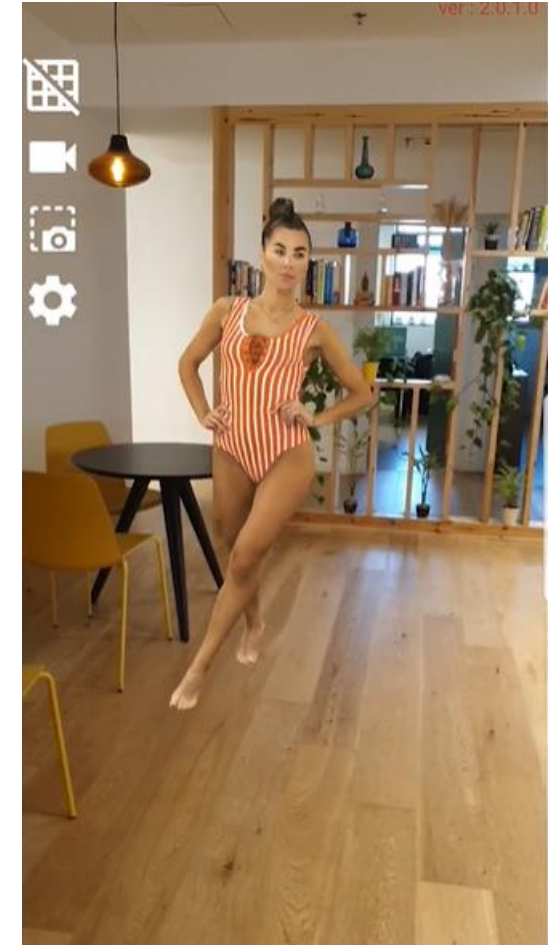
# EXAMPLE – THE CREATION OF A FASHION SHOW



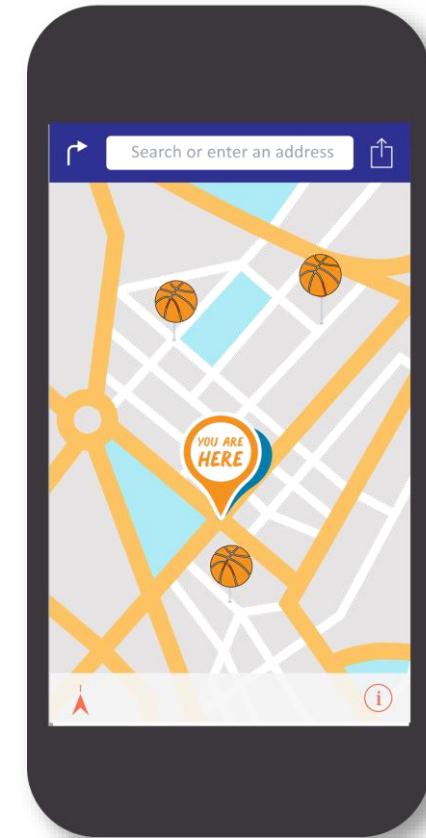
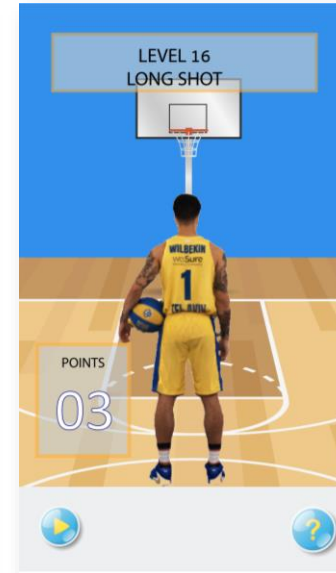
Capture fashion show



IOS/Android AR application



# LOCATION-BASED 5G GAMING



Location based – live action minigames



# ABOUT TETAVI

## **Portable studio**

Los Angeles, CA, USA



## **Tetavi USA office**

New York, NY, USA

## **Headquarters R&D studio**

Tel-Aviv, Israel



## **Tetavi Japan office**

Tokyo, Japan



# ABOUT TETAVI



**Founded**

November 2016



**Employees**

22



**IP**

Provisional patent  
submitted 01/17

## ANNOUNCED PARTNERSHIPS





**Dr. Miky Tamir**  
**Founder, Chairman**

Ph.D. from the Hebrew University with distinction.

Received the E.D. Bergman Award for “a special contribution in Electro-Optics” from the President of Israel in 1984



**Micha Birnboim**  
**Co Founder, Tech Lead**

BSc. Physics and Computer Science from TAU.

19 years of experience in computer vision algorithms design and development in startup environments



**Gilad Talmon**  
**CEO**

M.B.A. from the Interdisciplinary Center in Herzliya.

14 years of senior management experience in both a startup and corporate setting, spanning a variety of technological disciplines



**Sefy Kagarlitsky**  
**VP R&D**

MSc. Computer Science, cum laude, from the Interdisciplinary Center in Herzliya.

19 years of experience in computer software development with an emphasis on computer vision and image processing algorithms



**Moshe Karako**  
**VP Product & Business Development**

BA Marketing.

20 years of experience in R&D, innovation management and marketing roles gained working in companies such as Intel, Samsung and NEC

# WHAT TETAVI ARE LOOKING FOR



- **Collaborations and partnerships**
- **Production Studios**
- **AR/VR and Gaming partners**
- **Brands and content owners**
- **AdTech and training partners**
- **Investments**



# THANK YOU



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<https://www.tetavi.com/>

To see demo movies please  
follow this link:

<https://vimeo.com/user38592565>