

TV in VR

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Storytelling Evolution

Plain Text

THE TRAGEDIE OF		
ROMEO and IVLIET.		
Adne Primas. Scans Primas ,		
<text><text><text><text><text><text><text></text></text></text></text></text></text></text>		

Pictures

Video - Cinema





Video - On Demand





Virtual reality is the next step in the evolution of storytelling





Seminal events in history

Moon landing

• Culmination of grand vision and technological breakthrough that captured the public's imagination



How did people experience it as it happened ?





Experience limited to 2nd hand narration of events or limited accounts of the event





How did people experience Super Bowl 49?

• 115 million people watched Super bowl 49 on NBC



- 395,000 Tweets Per Minute (TPM)
- **Super Bowl XLIX** which engaged 1.36 million people per minute on Facebook

Emmitt Smith @ @EmmittSmith22	Sellow	
That was the worst play call I've seen in the history of football. \diamondsuit		
7:05 PM - 1 Feb 2015		
 ♣ ♣37,680 ♥ 31,488 		
Pat McAfee @PatMcAfeeShow	Follow	
Marshawn Lynch is all like "What a #SuperBowl49	m I here for?"	
7:00 DM 1 Eab 2015		
7:00 PM - 1 Feb 2015		





- Technology is continuously enabling how we experience events
- Virtual reality will be the next frontier



Why VR?

Immersive experience from inside
Not just an observer from outside the story

You are part of the story





Market opportunity



Source: TrendForce, Dec., 2015





VR evolution



Berkeley Engineering



Why now - what is different this time?

- Computing power
- Latency
- Resolution
- Head Tracking
- Price Point
- Content EcoSystems





VR applications



Pantas and Ting **Sutardja Center** for Entrepreneurship & Technology Berkeley Engineering

Case study 1: Gaming Industry

Sony: PlayStation VR

- Console
- Head Mounted Display
- Game titles

Disrupt/Partner

- Nintendo Wii
- Traditional gaming like EA







Case study 2: Sports and Entertainment

NextVR

- Live Sporting Events
- Own Camera Capture
- Delivery

Disrupts/Partners

- TV Broadcast Studios
 - Fox Labs (partner)
- ESPN, CBS, NBC ready for disruption







VR EcoSystem







Where is the money ?



Forecast market size \$30B by 2020 Source: Digi-Capital





2015 VR Investment Landscape







Changes and Challenges - Mark's minions

- Motion sickness by image latencies
- Wearable Hardware
- Society:
 - next gen growing up
 - social skills, conventions
 - global connections:
 - friends, interactions
 - Immersive news NYTimes VR
 - addiction: don't like reality, create your own







Conclusion - VR experience



https://milkvr.com/view/WCBx_30Oah8



