Concurrent Presentation Session
AR/VR PLATFORMS

AR/VR Platforms

Lee Zerfass
Imagine-Invest-Create

VR/AR Platforms

iFEST 2019

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Imagine-Invent-Create

https://www.youtube.com/watch?v=QHpp7nfoECg

How do we create a vocational learning tool to identify reality and overlay information

Computer Vision & Machine Learning (XR) pros/cons

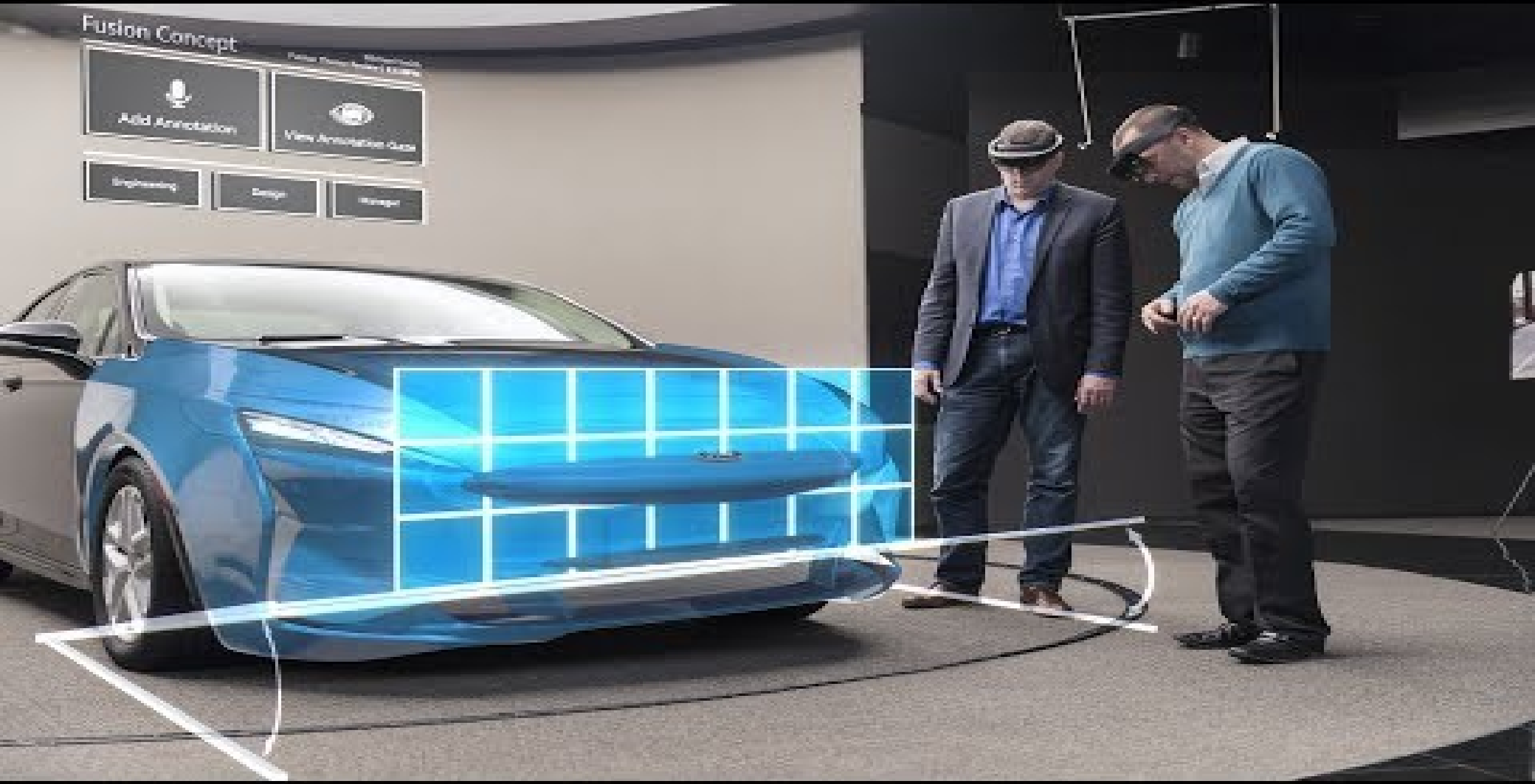
- (NON) Immersive
- xAPI/JSON suitable
- Interactive display vehicles optional
- NO High Resolution Lenses or Refresh Rate (fps)
- No language barriers
- Latency (lag) or NO motion sickness
- Lightweight, less muscle fatigue, less eye fatigue (non variable)
- If you can't "see" it, it still exists, objects and people can still be tracked

https://www.youtube.com/watch?v=4Q2JgwVCzhg

How do we create an educational learning tool to overlay information on reality

Augmented Reality (AR) pros/cons

- **(NON) Immersive & Interactive display vehicles**
- **Wireless communication**
- **High Resolution Lenses**
- **No language barriers**
- **Latency (lag) or motion sickness (fps)**
- **Weight, some muscle & eye fatigue**
- **If you can't "see" it, it still exists**



https://www.youtube.com/watch?v=3QyA7HhIYkg

How does one go about creating a educational learning tool to celebrate the Apollo Program –

Virtual Reality (VR) pros / cons
- Immersive & Interactive display vehicles
- High Resolution
- No language barrier
- Latency (lag) or motion sickness (fps)
- Weight, muscle and eye fatigue
- Tethered by cables or wireless
- If you can’t “see” it, it doesn’t exist

Caption lorem ipsum

@Hoopermation with permission Tears of Joy https://www.youtube.com/watch?v=NGVxud9N2gQ

“…imagination is more important than knowledge…”

Albert Einstein

Thank You

Lee Zerfass

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