



# creating meaningful 'real world' learning experiences in the virtual age

Sean Wooster

Principal ICT Consultant

Umow Lai

19<sup>th</sup> September 2017



#TEMC\_2017



(t)e=mc<sup>2017</sup>  
**eureka**  
revolutionary ideas



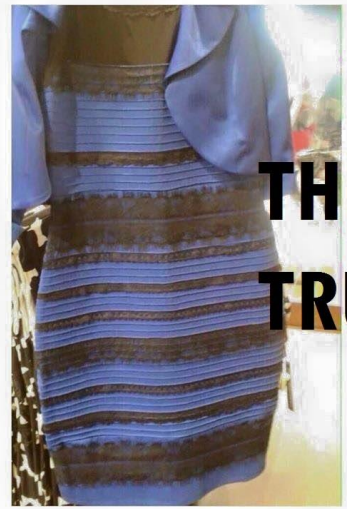
TEMC  
celebrating **40**  
1977-2017 years



reality  
is  
subjective



**IS THIS DRESS  
BLUE AND BLACK**



**THE  
TRUTH!**

**OR WHITE & GOLD?**



reality  
is  
subjective



narratives are very powerful

$(t)e=mc^{2017}$   
**eureka**  
revolutionary ideas



TEMC  
celebrating **40**  
1977-2017 years



MAJOR SPONSOR  
**CUSHMAN & WAKEFIELD**



#TEMC\_2017



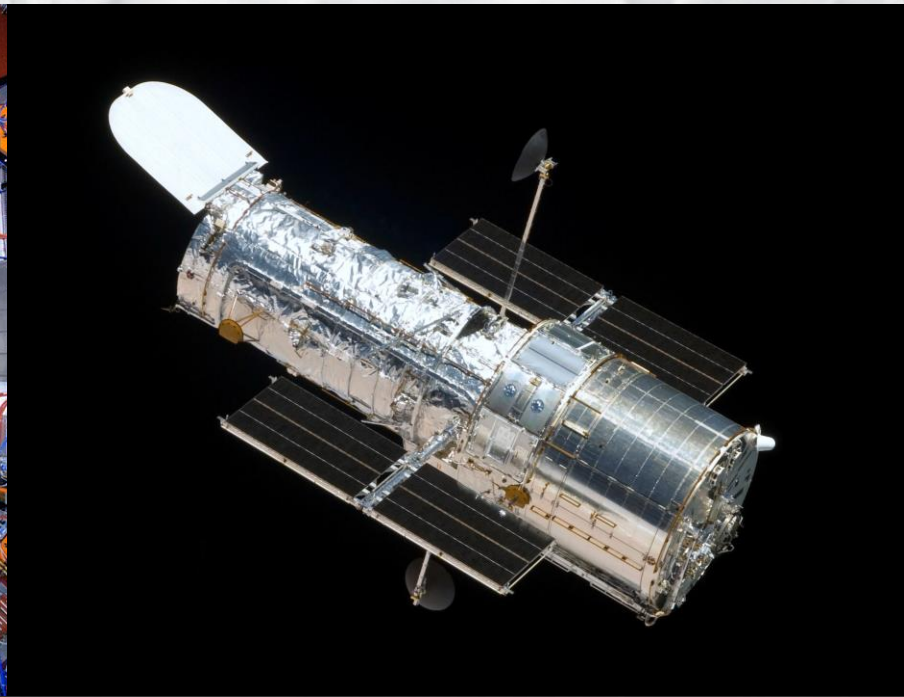
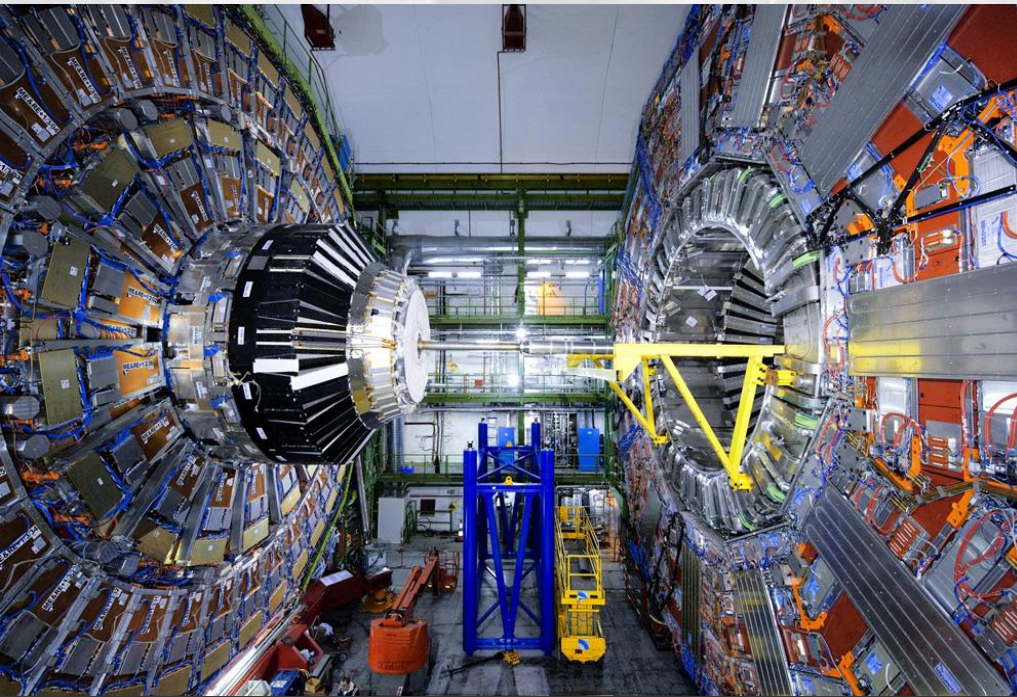
**TEFMA**

sophisticated tools of exploration

$(t)e=mc^{2017}$   
**eureka**  
revolutionary ideas



TEMC  
celebrating **40**  
1977-2017 years



MAJOR SPONSOR



#TEMC\_2017



is reality needed to create meaning?

(t)e=mc<sup>2017</sup>  
eureka  
revolutionary ideas



TEMC  
celebrating 40 years  
1977-2017



MAJOR SPONSOR  
CUSHMAN & WAKEFIELD



#TEMC\_2017



a meaningful learning experience

(t)e=mc<sup>2017</sup>  
**eureka**  
revolutionary ideas



TEMC  
celebrating **40**  
1977-2017 years

**I HEAR AND I FORGET.  
I SEE AND I REMEMBER.  
I DO AND I UNDERSTAND.**

**— CONFUCIUS**



#TEMC\_2017



hearing and seeing...

(t)e=mc<sup>2017</sup>  
**eureka**  
revolutionary ideas

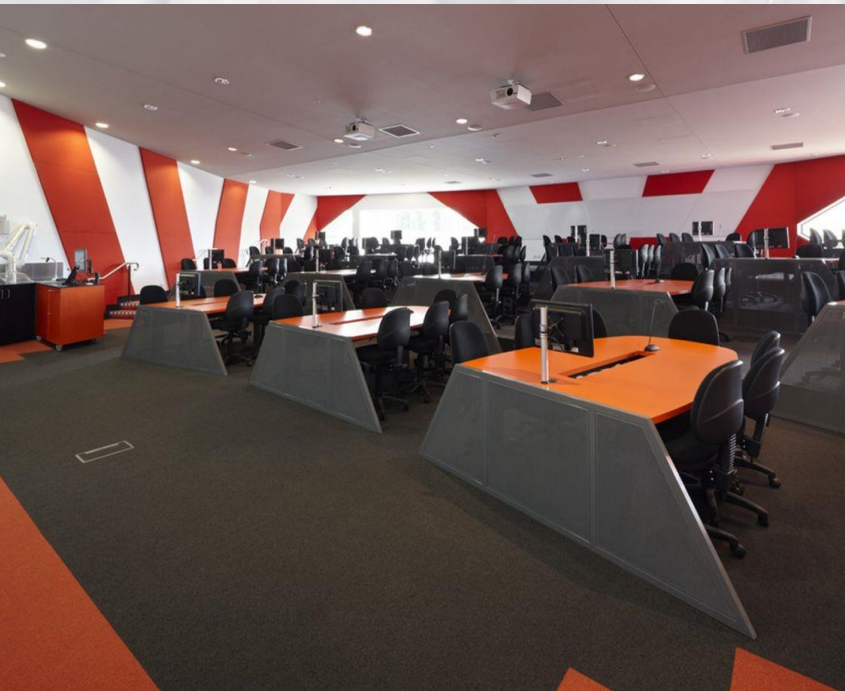


TEMC  
celebrating **40**  
1977-2017 years





...as opposed to doing

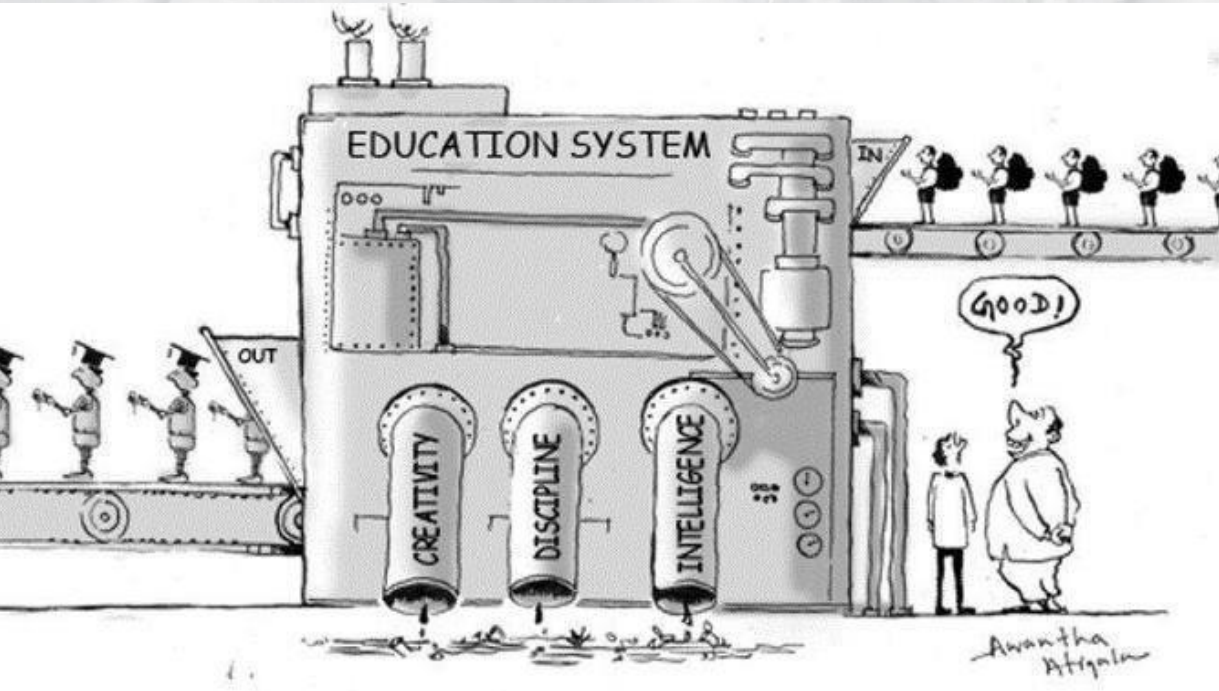




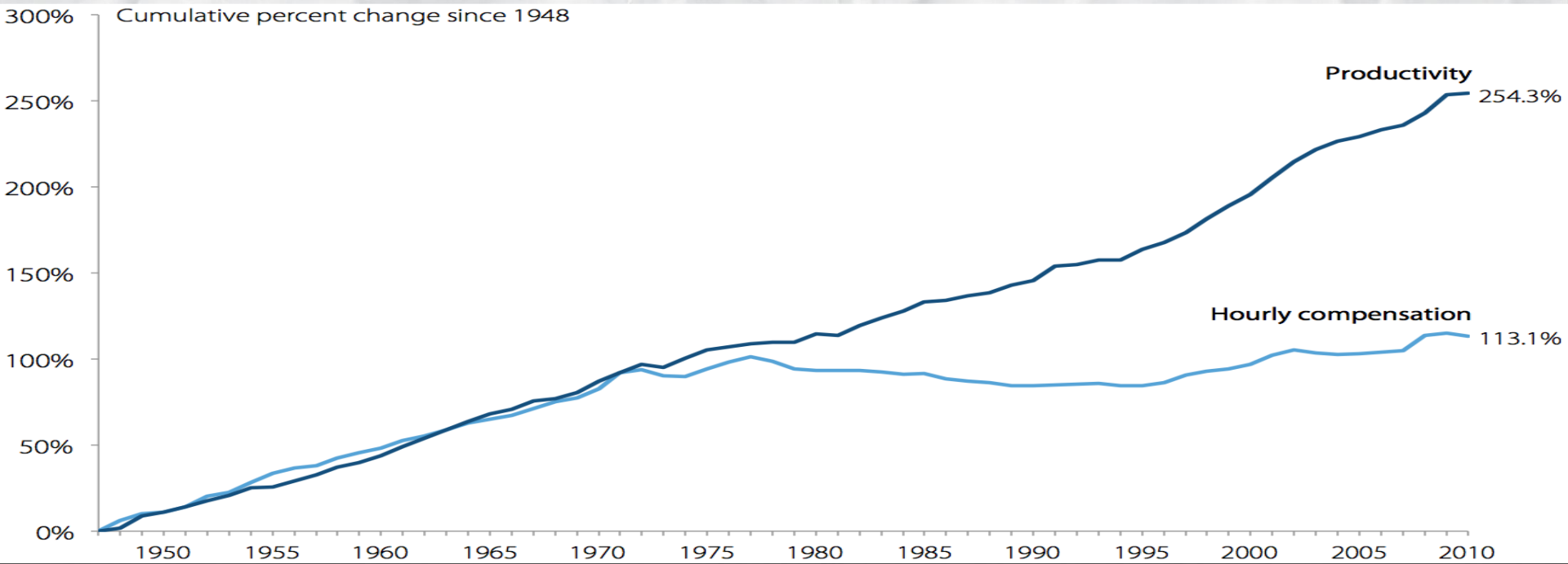
# IS YOUR WORK MEANINGFUL?



...or more job focussed?



what awaits the next generation of learners?



(t)e=mc<sup>2017</sup>  
**eureka**  
revolutionary ideas



TEMC  
celebrating **40**  
1977-2017 years



MAJOR SPONSOR  
**CUSHMAN & WAKEFIELD**



#TEMC\_2017



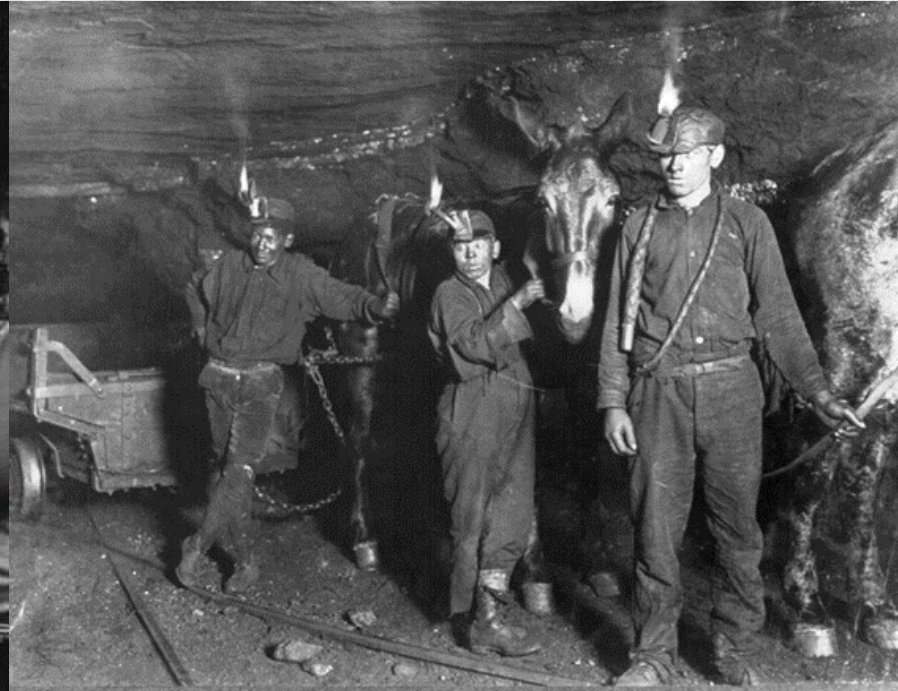
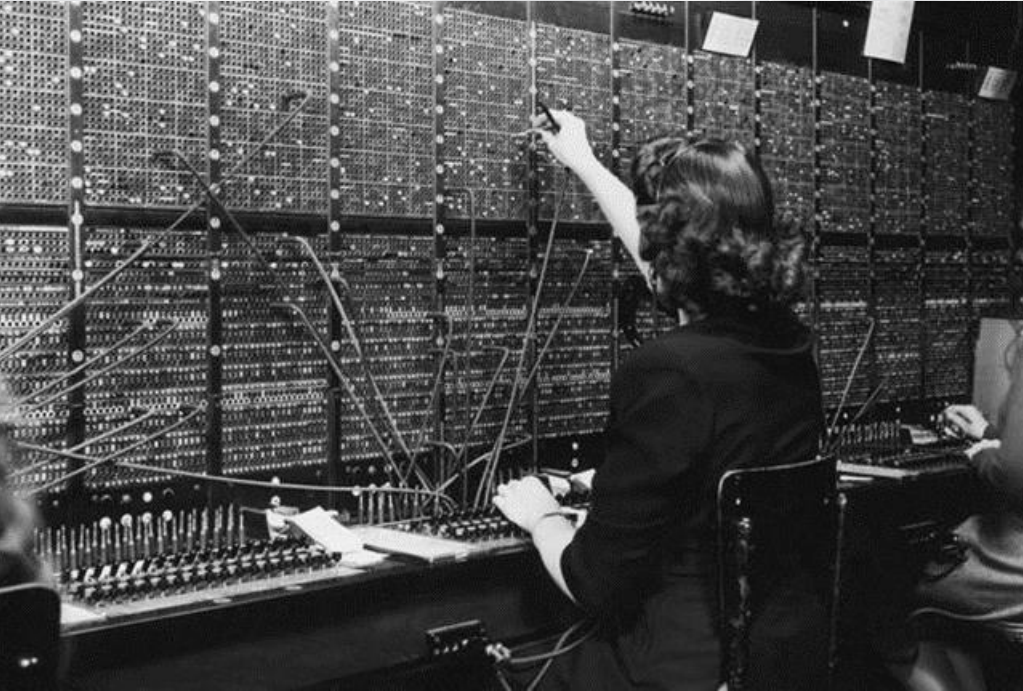
**TEFMA**

the good old days

(t)e=mc<sup>2017</sup>  
**eureka**  
revolutionary ideas



TEMC  
celebrating **40**  
1977-2017 years



MAJOR SPONSOR



#TEMC\_2017





## 47% Of All Jobs Will Be Automated By 2034,

And 'No Government Is Prepared' Says Economist

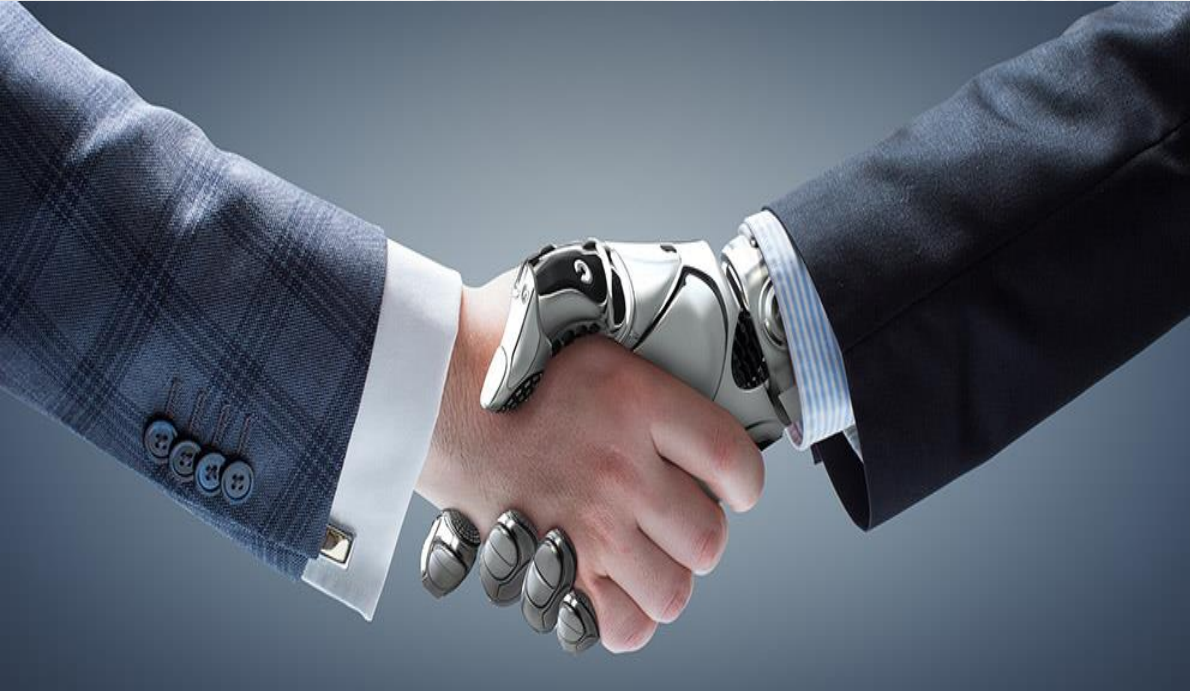
Oxford Martin School, 2013

“Disruptive labor market changes, including the **rise of robots and artificial intelligence**, will result in a **net loss of 5.1 million jobs over the next five years** in 15 leading countries, according to an analysis published in Davos on Monday.”

Reuters @ Davos 2016



race against the machine?





a role for universities



Tackle Great Challenges:

- Climate
- Energy stability
- Poverty
- Clean water
- Hunger



#TEMC\_2017



the ideas economy

(t)e=mc<sup>2017</sup>  
**eureka**  
revolutionary ideas



TEMC  
celebrating **40**  
1977-2017 years



#TEMC\_2017



why attend campus?

$(t)e=mc^{2017}$   
**eureka**  
revolutionary ideas



TEMC  
celebrating **40**  
1977-2017 years



MAJOR SPONSOR  
**CUSHMAN & WAKEFIELD**

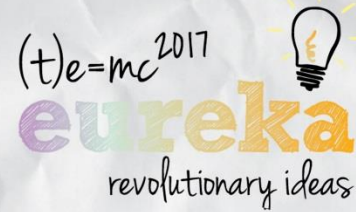


#TEMC\_2017



**TEFMA**

narrative must drive engagement



use whatever tools work best

(t)e=mc<sup>2017</sup>  
**eureka**  
revolutionary ideas



TEMC **40**  
celebrating  
1977-2017 years



MAJOR SPONSOR



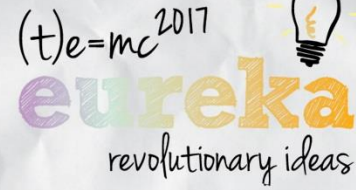
#TEMC\_2017



space for different groups & learning modalities



space for different groups & learning modalities



MAJOR SPONSOR



#TEMC\_2017



space for different groups & learning modalities



MAJOR SPONSOR



#TEMC\_2017





space for different groups & learning modalities



#TEMC\_2017



digital immersion – personal VR

(t)e=mc<sup>2017</sup>  
**eureka**  
revolutionary ideas



TEMC  
celebrating **40**  
1977-2017 years



MAJOR SPONSOR  
**CUSHMAN & WAKEFIELD**



#TEMC\_2017



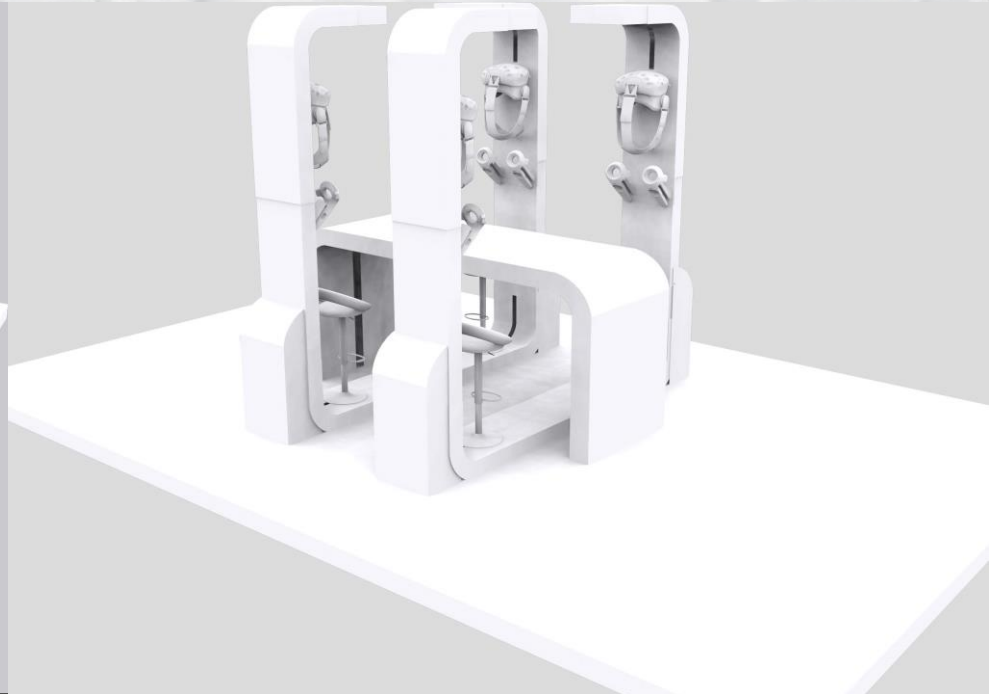
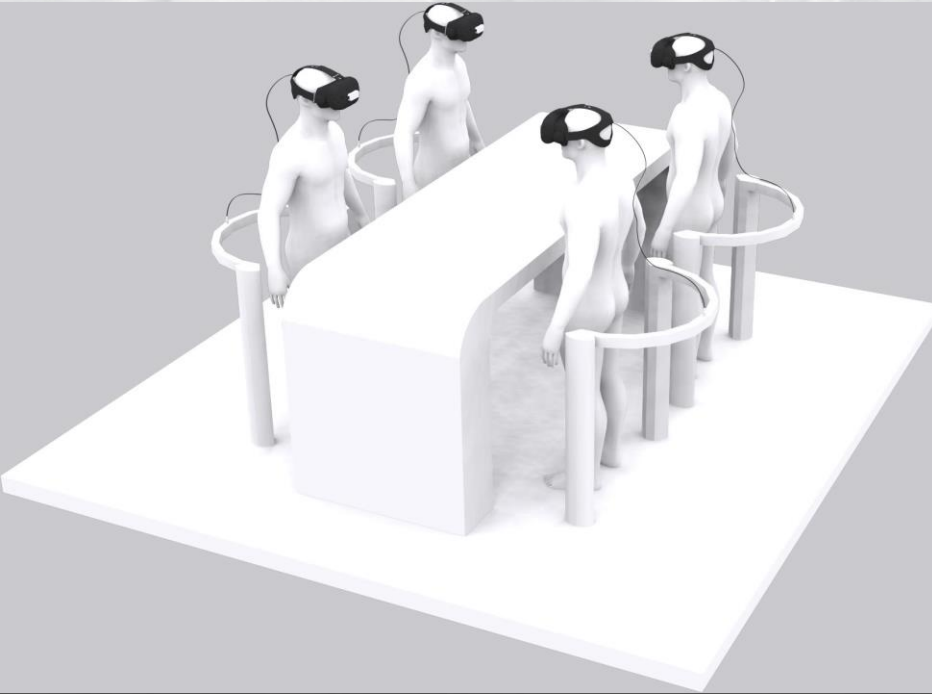
**TEFMA**

digital immersion – personal VR

(t)e=mc<sup>2017</sup>  
**eureka**  
revolutionary ideas



TEMC  
celebrating **40**  
1977-2017 years

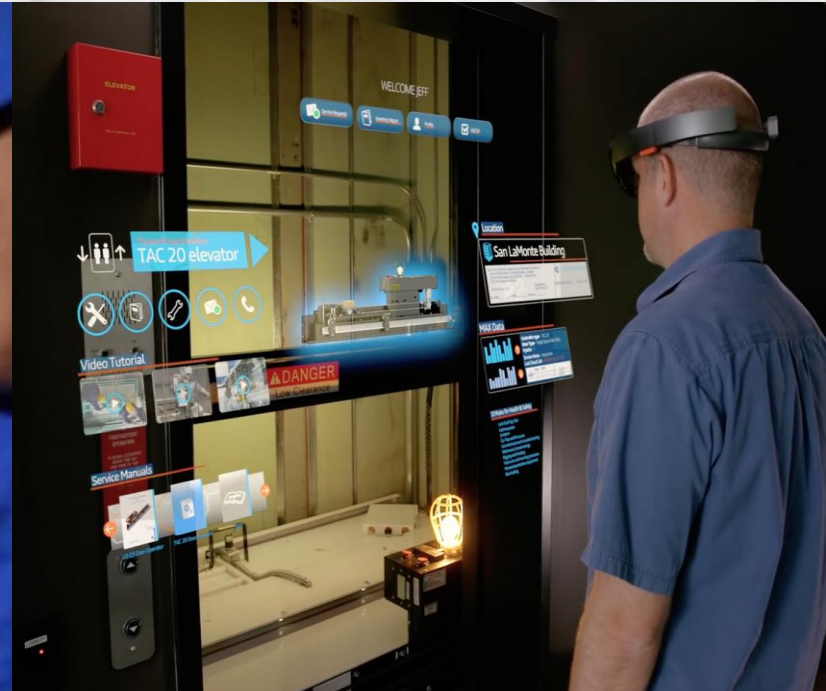
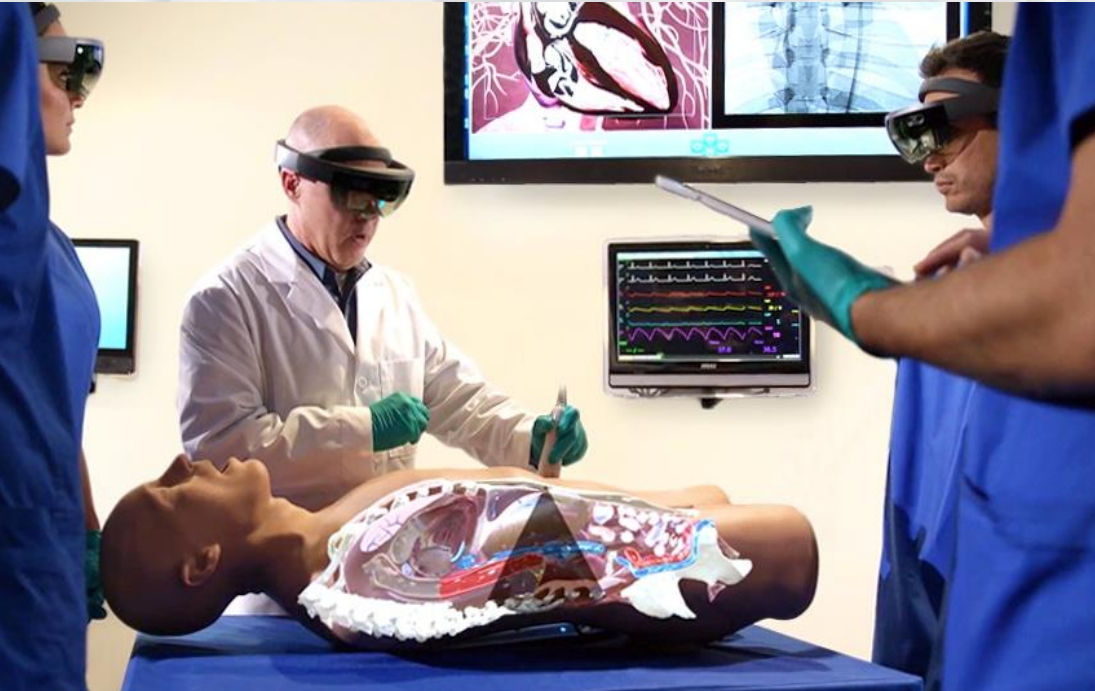


# digital immersion – Mixed Reality (MR)

(t)e=mc<sup>2017</sup>  
**eureka**  
revolutionary ideas



TEMC  
celebrating **40**  
1977-2017 years



natural communication

(t)e=mc<sup>2017</sup>  
**eureka**  
revolutionary ideas



TEMC **40**  
celebrating  
1977-2017 years



MAJOR SPONSOR



#TEMC\_2017



thank you



Questions?



#TEMC\_2017

