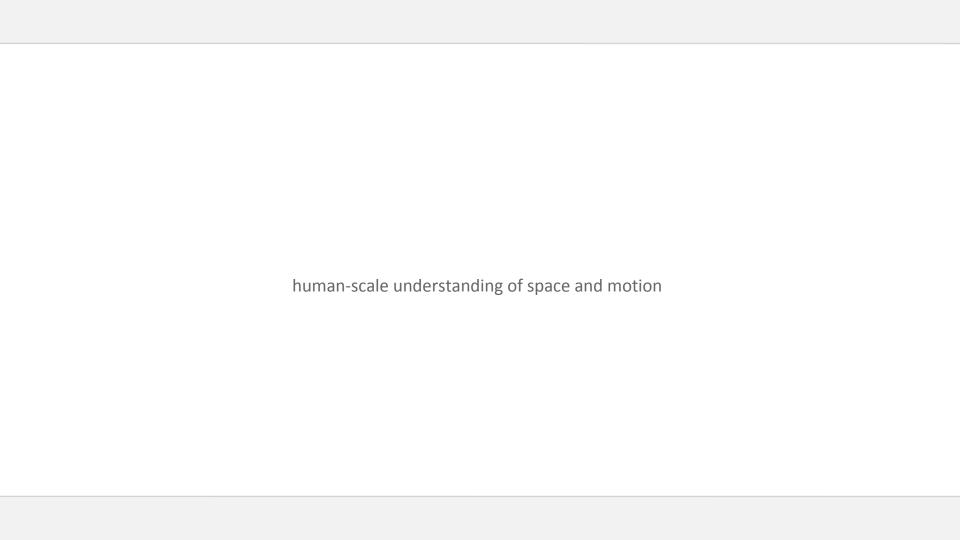
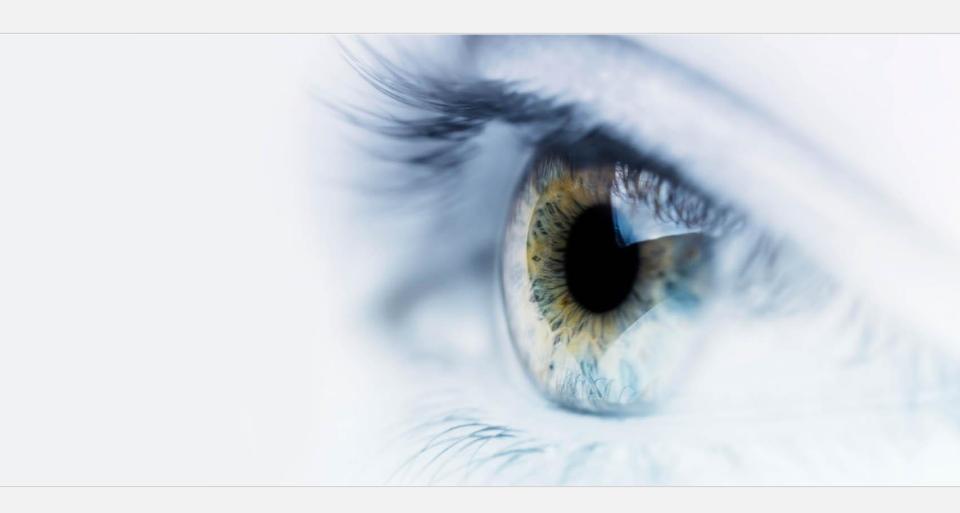
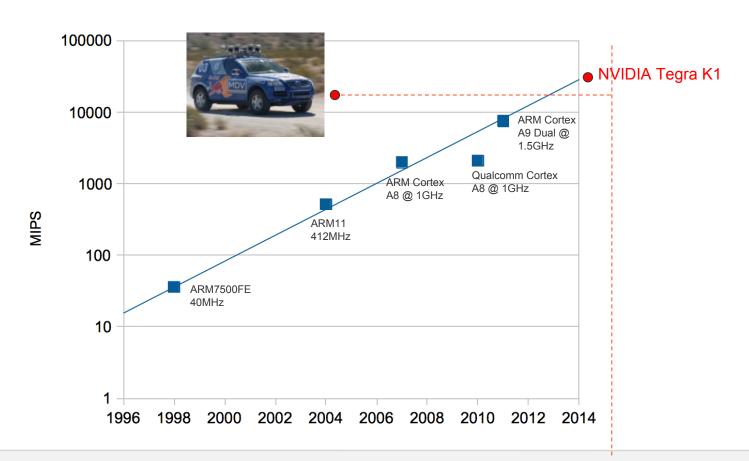


## **Project Tango**

Johnny Lee, IEEE CESoc Dec 2014





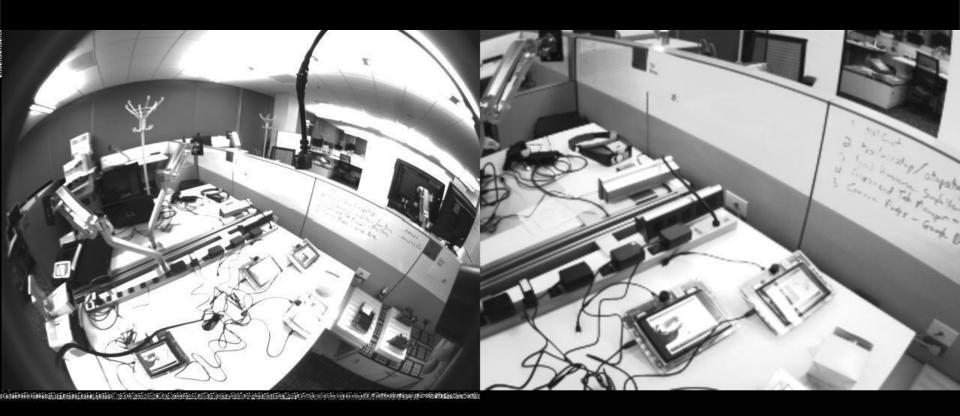


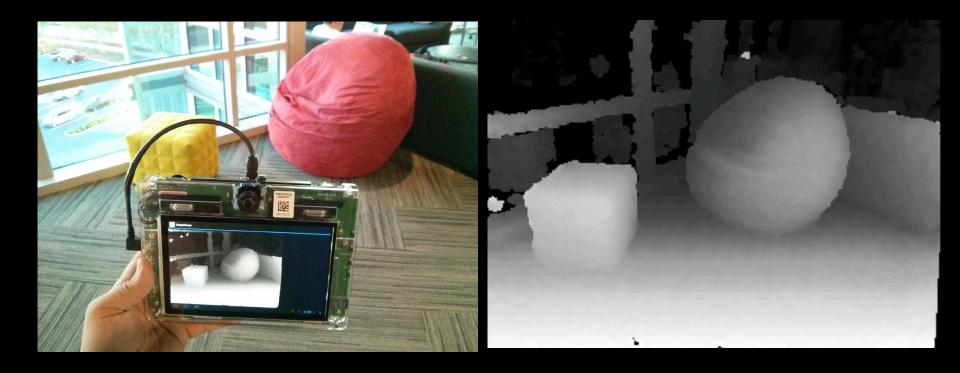


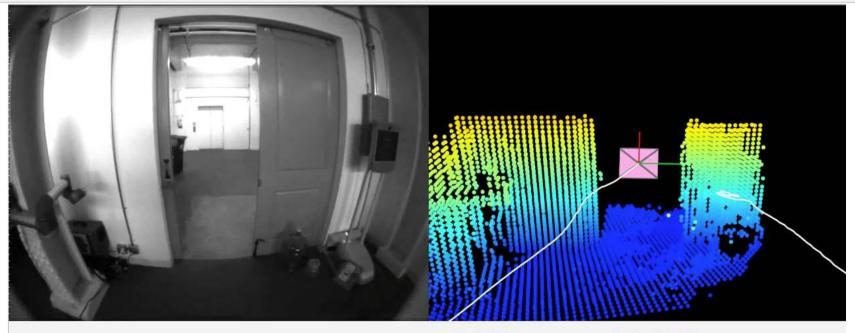
focused effort to pull forward the state of 3D sensing hardware and software on mobile	
naraware and software on mobile	











Time [s]: 18.28

FP8: 61.71

**Updates: 27** 

Inliers: 122

Path length lml: 4.7

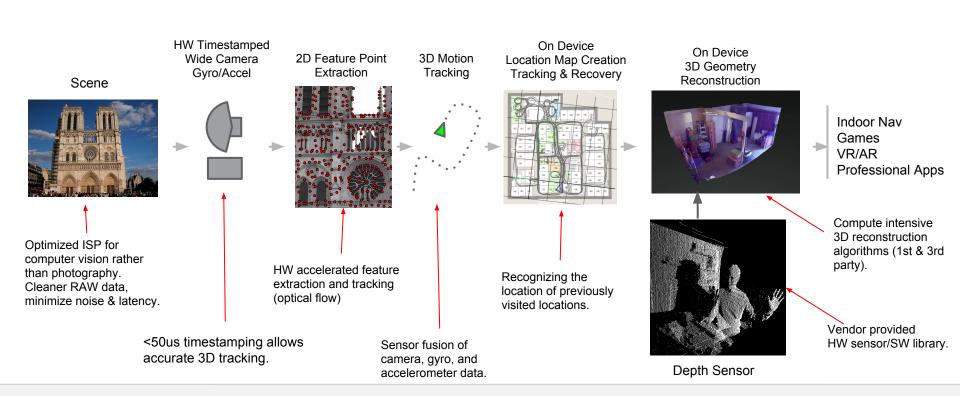
Position (m): -0.10, 0.73, -0.07

Dist. to origin [m]: 0.7 (15.7 % of path)

Status: 3



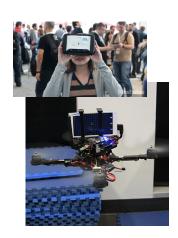
## Roughly, how does Project Tango Work:



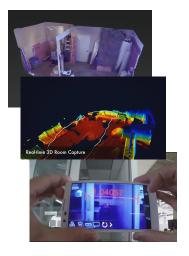




## **Use Cases**



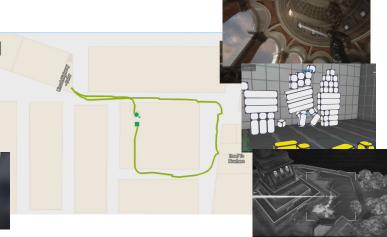
**Emerging:**Virtual Reality
Robotics



Professional: Building-scale 3D scanning & measurement



**Prosumer:**Virtual Showroom
Shopping
Remodeling



Consumer: Centimeter-scale Indoor Navigation (no GPS/Wifi/Bluetooth)

**Entertainment:**Motion Gaming
Geo-Social Activities



