

A Broadband-Enabled Society

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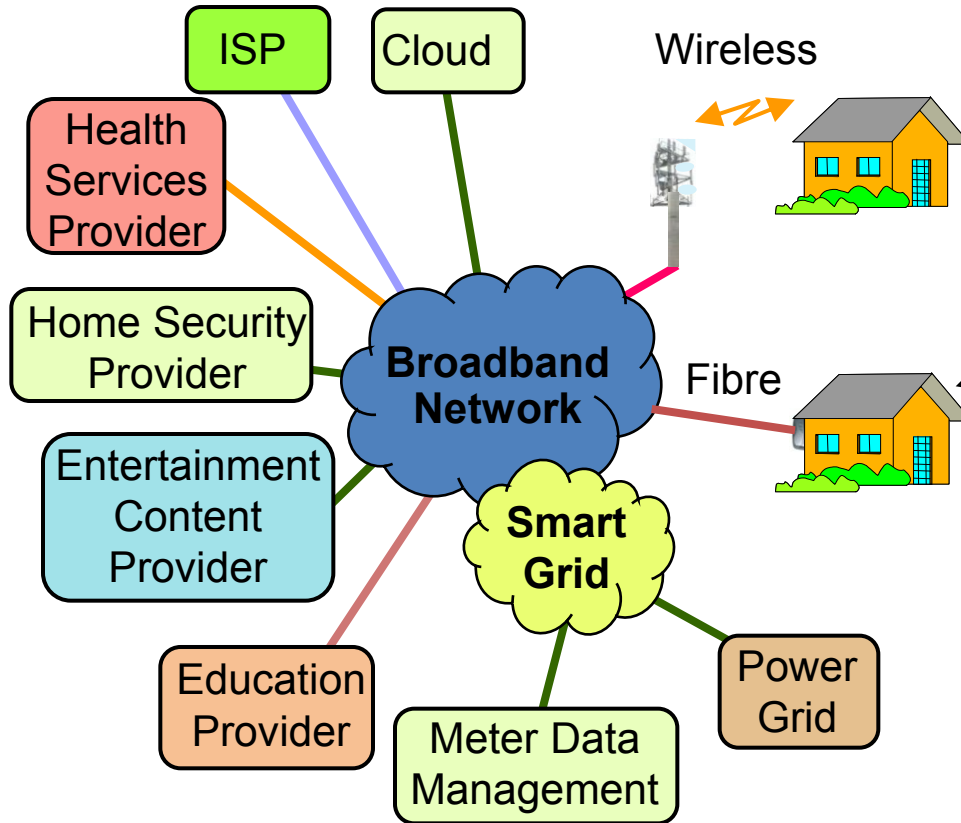


IBES
Institute for a
Broadband-Enabled Society

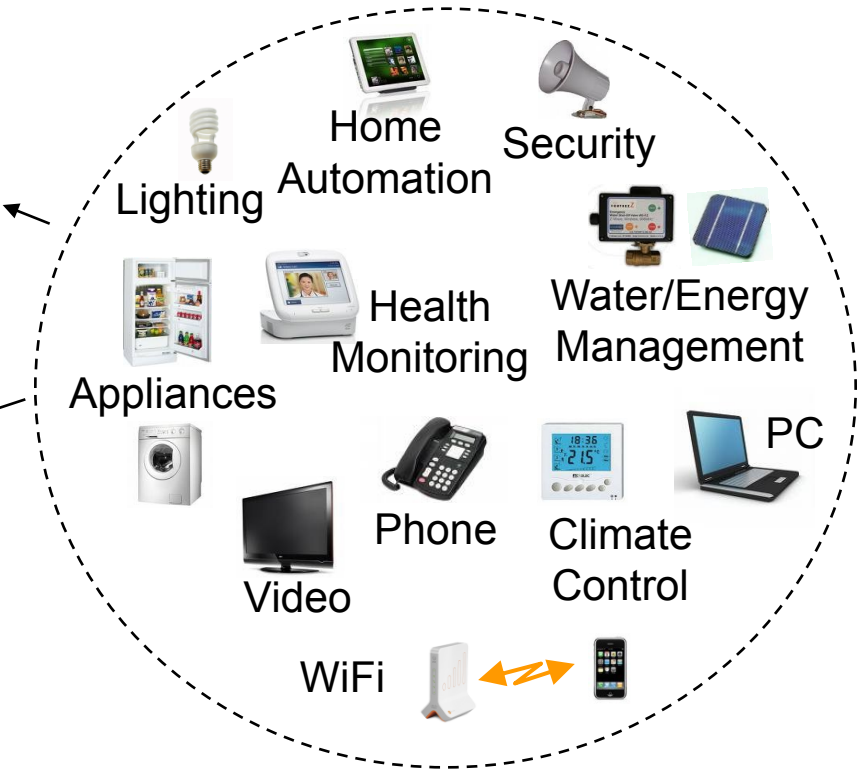


Broadband Network

Global Network



Home Network



The killer application is ...
all the applications

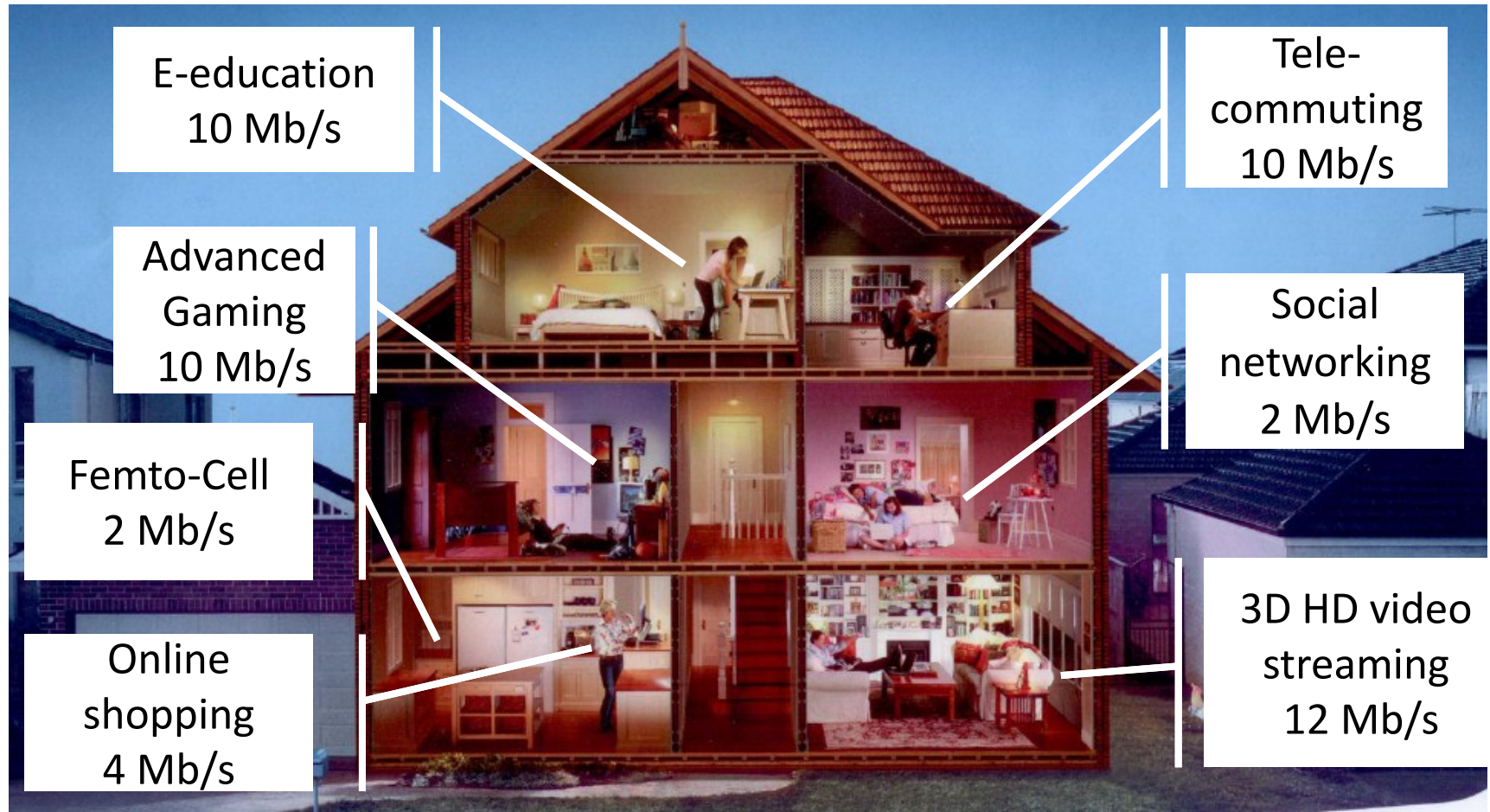
Connected Home – 2007 Vision



Apologies to: Telstra Bigpond

Total: 2 Mb/s

Connected Home – 2015 Vision

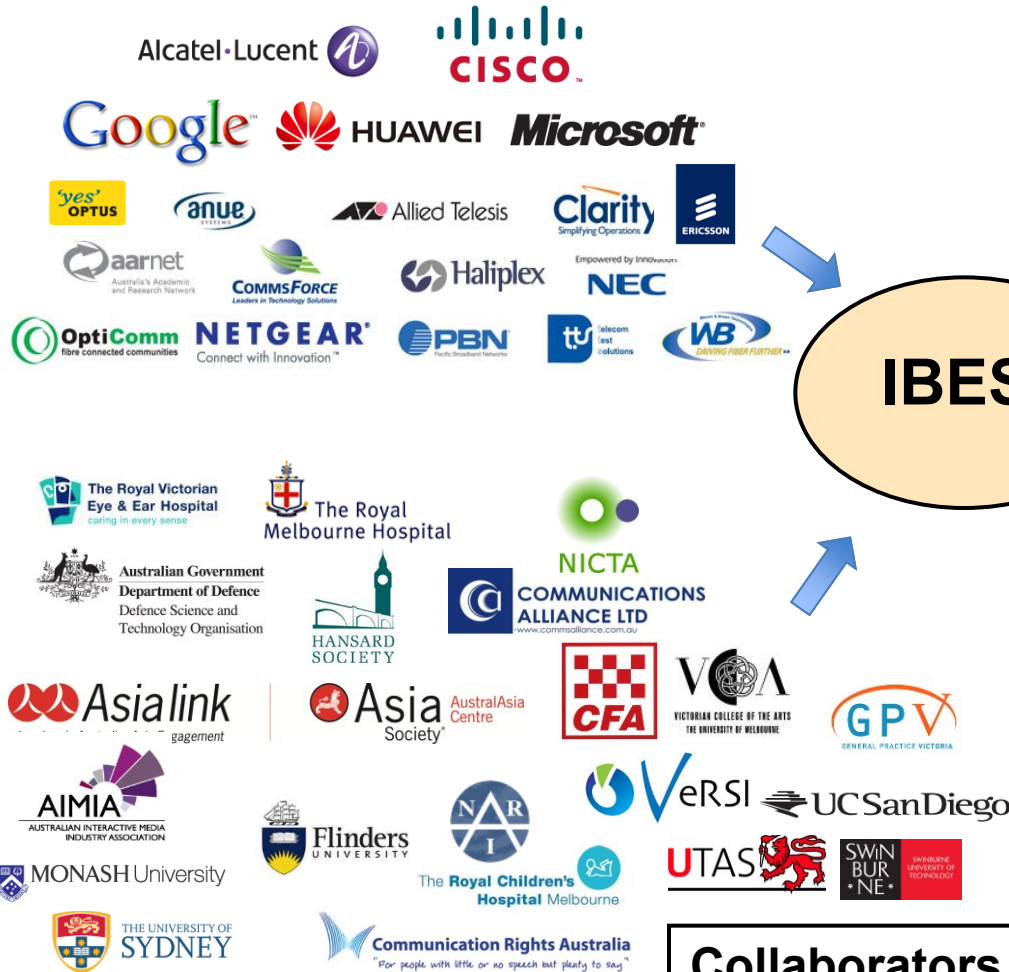


“Video, video, video, video.”Cisco

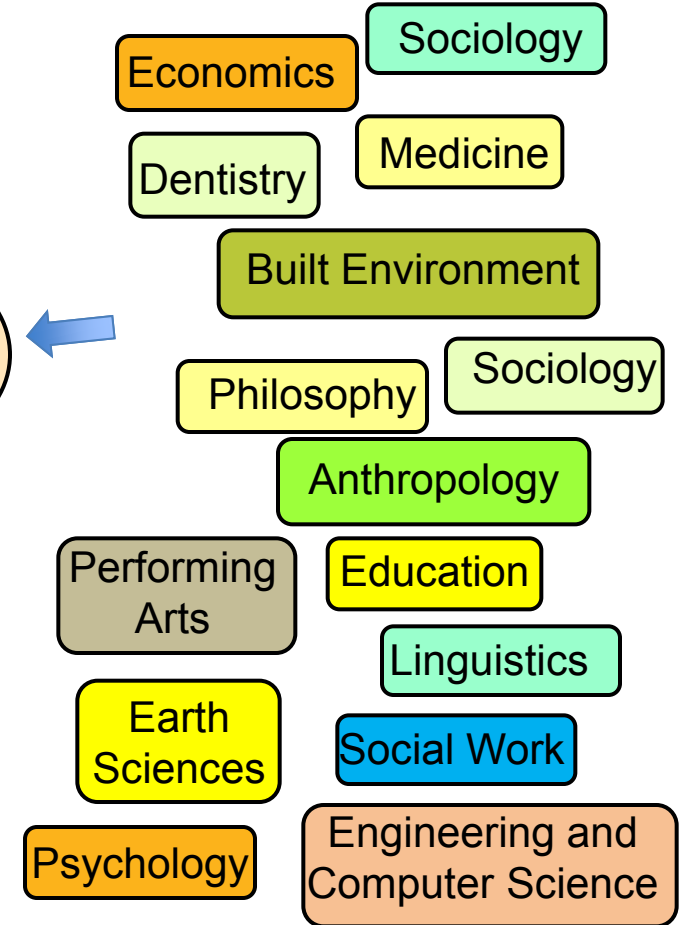
Total: 50 Mb/s

IBES Innovation Ecosystem

Industry Partners



Researchers



Collaborators



Understanding the End User

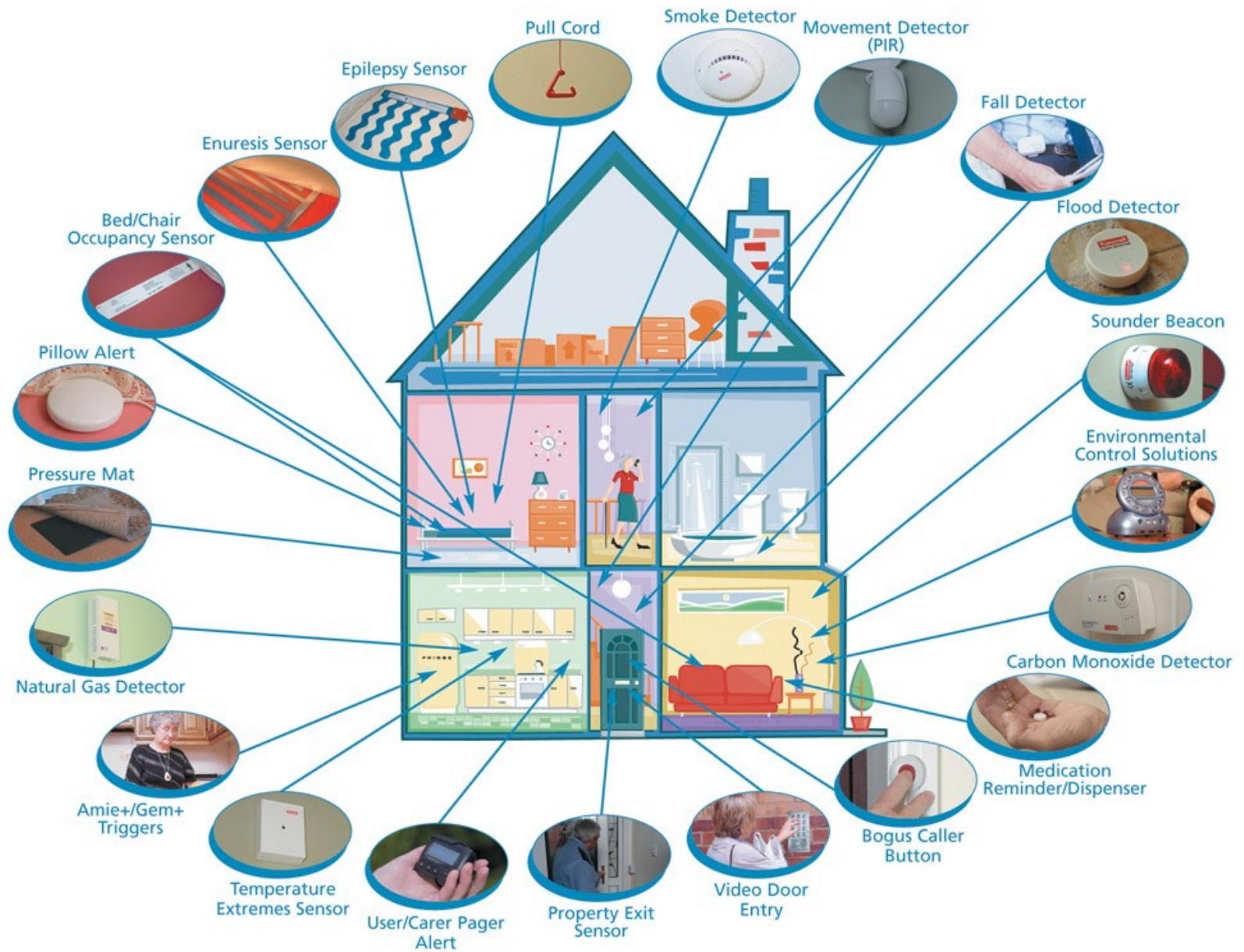
- Technology for technology sake does not always drive uptake
- Research into end-user behaviour:
 - Workplace practises
 - Socio-economic status
 - Place of residence



Ageing Well at Home using Smart Technologies

- Health
- Well-being
- Safety
- Fitness & Exercise
- Social Connectedness





Uni TV

- 1 million students attend Australian Universities
- Generational changes in technology use impacting on Universities around the world
- UniTV provides content distribution for specialised subject matter with interactive applications and virtual workspaces

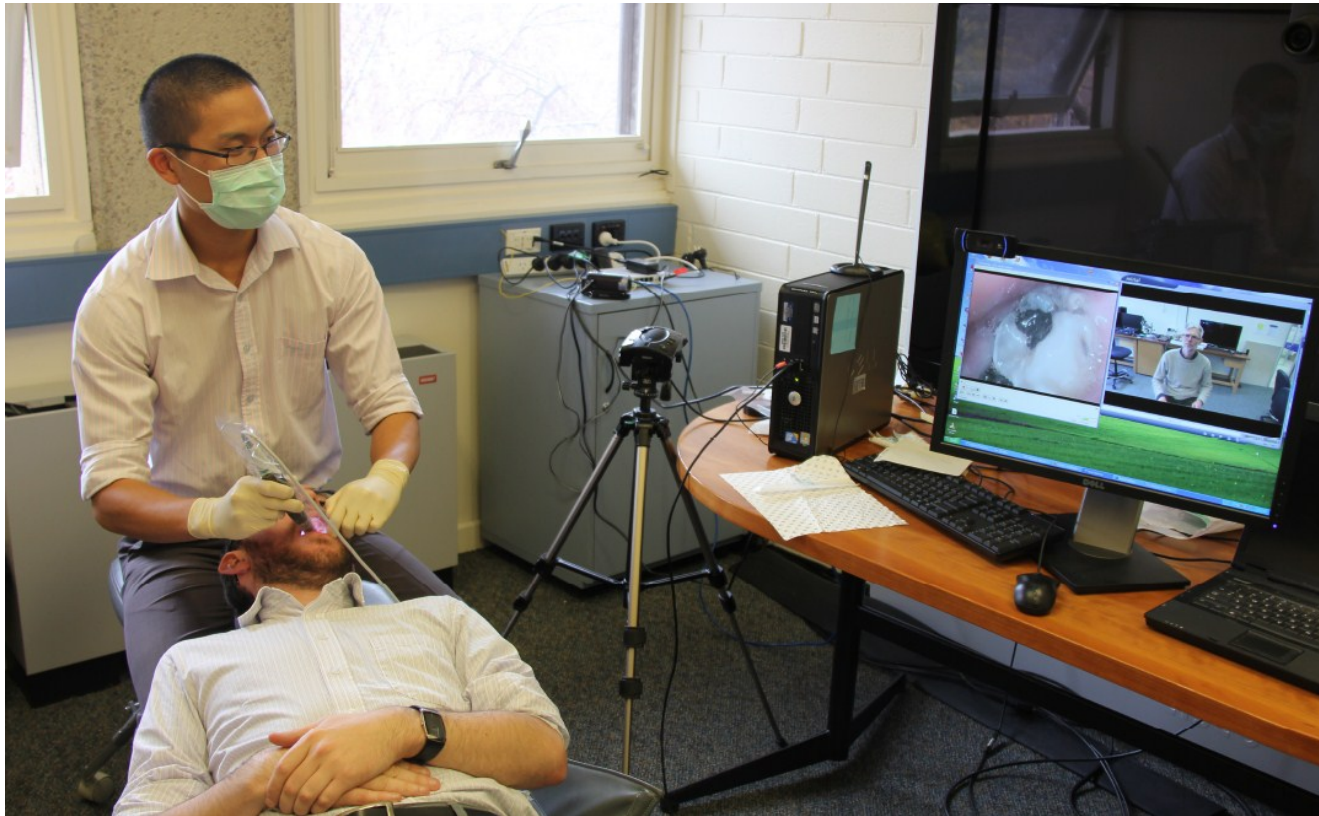


3D virtual reality surgical training tools



Tele-Dentistry

- Older people living in residential aged care are a significant risk group for dental diseases
- Only 11 percent of aged care residents have seen a dentist in the past year



Remote physiotherapy using haptics

