

Accessibility & Technology



LA TROBE
UNIVERSITY

Centre for Technology Infusion

About CTI

The image is a composite of two aerial photographs. The left side shows a modern laboratory with white cabinetry, various pieces of equipment, and people working at benches. The right side shows a busy public square with many people walking on a paved area. A white dashed arrow points from the laboratory area towards the public square.

We build
next gen tech
solutions in our Lab...

...and take them
into reality

End user driven innovation



ITS: V2V Tram vehicle safety



yarra trams

Cohda
#Wireless

Q-FREE

LEXUS
EXPERIENCE AMAZING

aimes
Ecosystem for
transport innovation

Tracking & Timing for Horse Racing

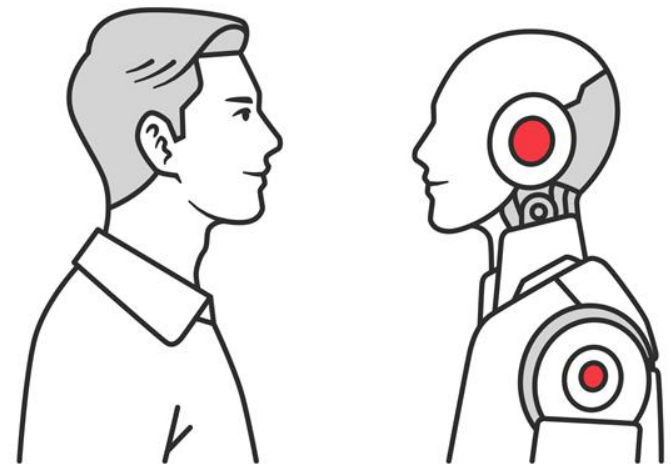
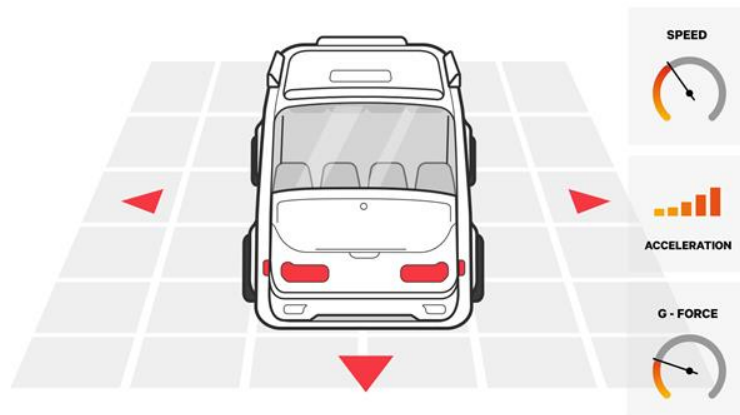
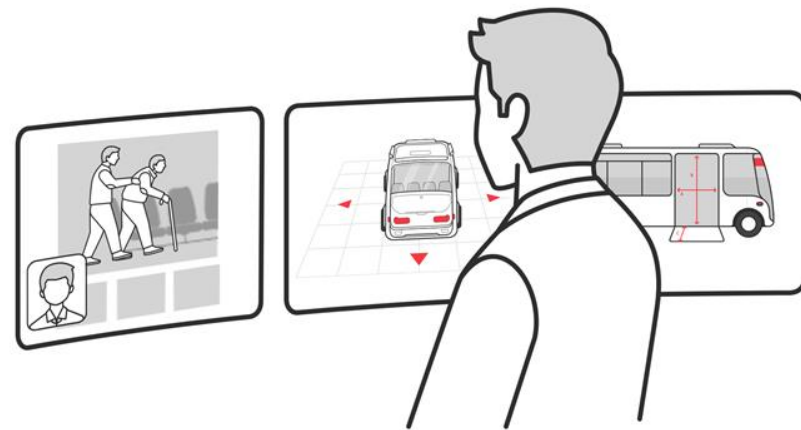
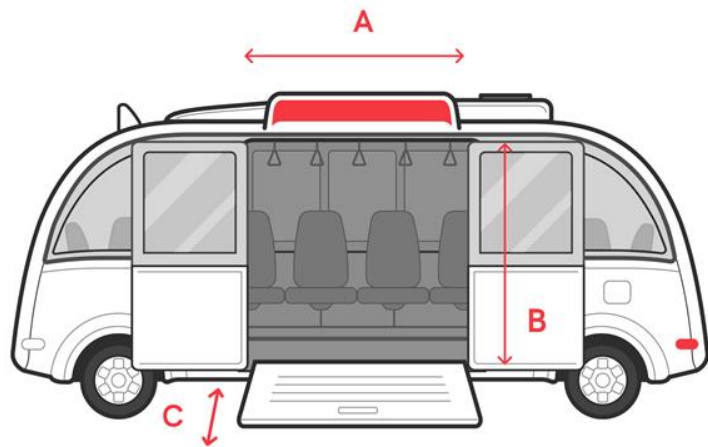


**Racing
Victoria**

IoT for Assistive technologies



Accessibility: Standards and CAV



Accessibility: Frictionless ticketing



Frictionless ticketing: tested globally

Maturity model

Commercially available and tested by major operator

Not commercially available but (partially) proven in frictionless ticketing trial

Core functionality proven in another relevant use case

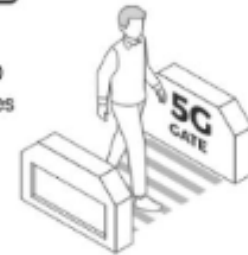
Core functionality not yet proven, but technically sound



Facial recognition
Korea, Japan, China



Phone (Bluetooth)
European countries



5G walk through
gates (Japan)

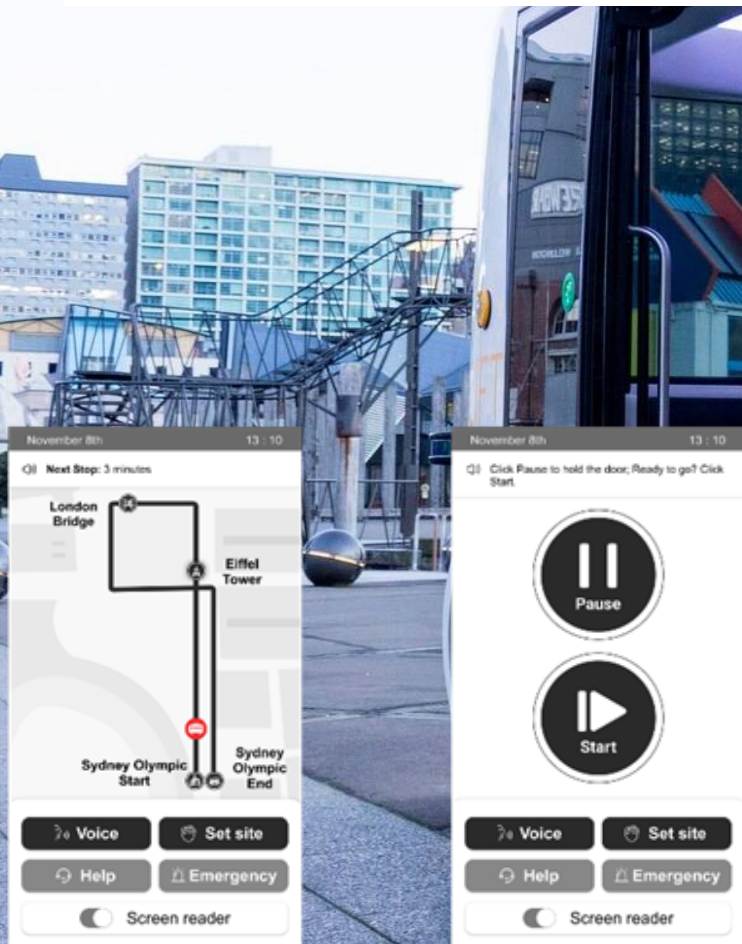


Ultra Wide Band
(New York)



SLAM as assistive
technology

Accessibility & RSU's – 5G and CAV



Train platform gap solutions

This is what we mean!



MIND THE GAP

New project: Test vision aids in public transport



Thank you

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<https://www.facebook.com/groups/nomoreplatformgap>