




Smart Cities Examples



Smart Cities

The cities of the future need to be connected, supporting collaborative technology to make them safer and more productive.

Cohda's Smart City CAV Architecture uses foundation applications (such as Green Wave and Signal Priority) deployed to niche fleets (such as heavy vehicles, transit vehicles, and taxis) to directly impact safety, congestion and pollution.



SAFER, SMARTER, GREENER CITY JOURNEYS

New York 6th Ave. (NYC, USA)

V2X-Locate NYC 6th Ave Test Bed

Cohda Wireless proven accurate positioning in “Urban Canyon” of 6th AVE New York City

<1m accuracy 95% of the time



 United States Department of Transportation

Connected Vehicles
Connected Vehicle Pilot Deployment Program



Smart Columbus Experience Center (Ohio, USA)



NXP and Cohda Wireless deployment of a connected vehicle environment through the center's electric vehicle test area so drivers can experience first hand this future technology

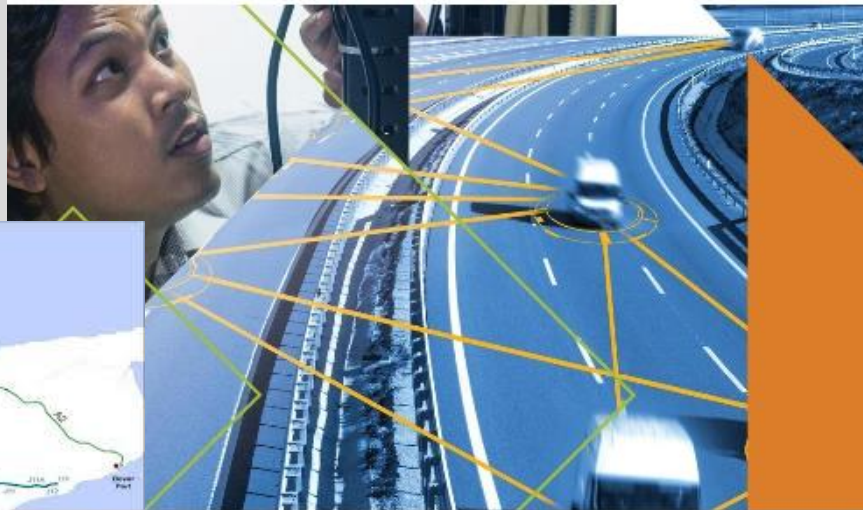


A2M2 Connected Corridor Pilot (UK)



**Cohda Wireless
supporting Costain in
delivery of A2M2
connected corridor
pilot**

Cohda Wireless is supporting Costain in its delivery of the A2M2 connected corridor pilot, which seeks to design, install and implement one of the UK's first pilot connect vehicle corridors on a live road. Costain has been awarded the c...see



C-Roads Italy (Autostrada del Brennero)

C-Roads Italy demonstrating cooperative systems based on Cohda V2X technologies for improved:

- Safety
- Traffic Fluidity
- Energy Efficiency



V2X-Locate: Tunnel (Oslo, Norway)

V2X-Locate vs GNSS/Dead Reckoning in the Bjørnegårdtunnel

V2X-Locate technology proven for accurate positioning for Dangerous Goods Vehicles (DGV) in a tunnel where GNSS/Dead Reckoning positioning accuracy is significantly degraded.



V2X-Locate



GNSS



<https://youtu.be/dYod-WH1MT8>

V2X-Locate: Undercover Car-Park (Singapore)

V2X-Locate vs GNSS in Undercover Car-Park

Demonstrated at NTU-NXP Mobility Showcase Singapore

V2X-Locate technology enables accurate positioning of the vehicle in an undercover car-park where GNSS positioning accuracy is significantly degraded



https://www.youtube.com/watch?time_continue=2&v=ZOeTRnjWPt0

V2X-Locate



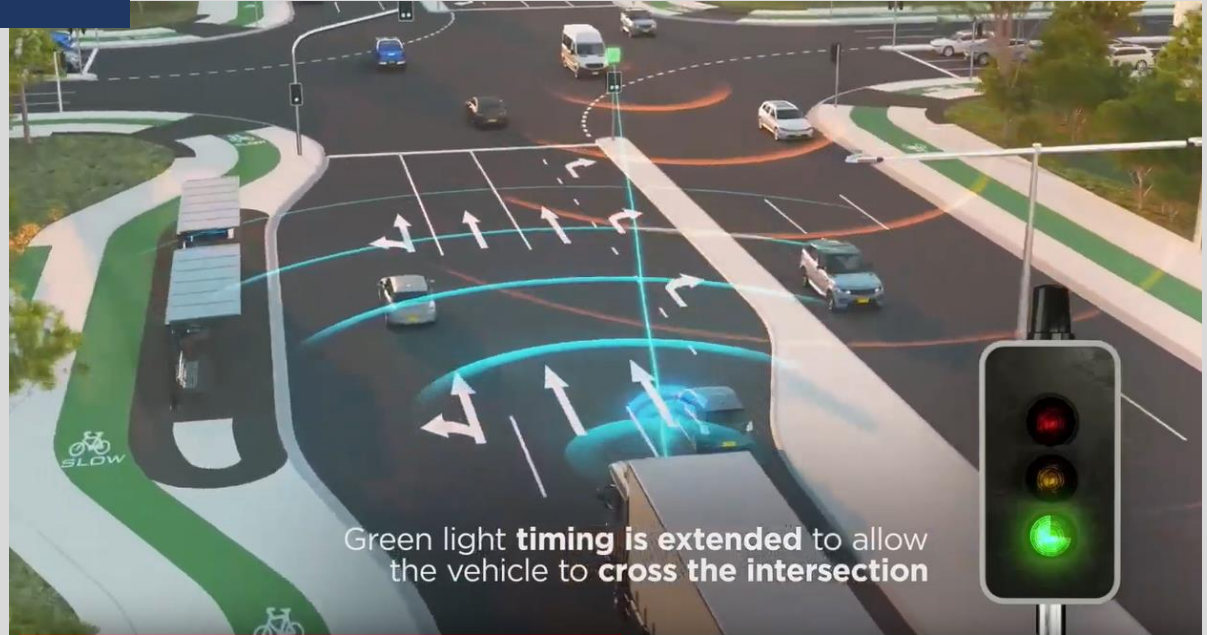
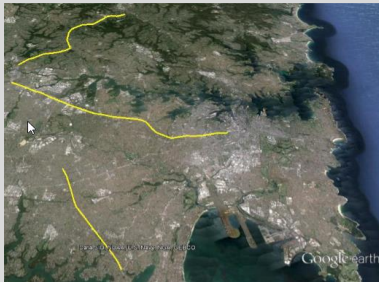
GNSS



Freight Signal Priority (Sydney, Australia)

Freight Signal Priority Trial Premier's Innovation Initiative

TfNSW trial of the foundation application FSP as early stage deployment of V2I with immediate net benefit



CAVI (Ipswich, Australia)

Ipswich Connected Vehicle Pilot
QLD, Australia

Largest field operational test in Australia of several C-ITS safety applications, including vehicle-to-infrastructure (V2I) and vehicle-to-vehicle (V2V) internationally-compliant C-ITS technologies



AIMES (Melbourne, Australia)



Australian Integrated Multimodal Ecosystem



Successful test bed investigating a range of interactions between vehicles and VRUs in a real-world urban environment:

LINK TO EVENT VIDEO: <https://cohdawireless.com/aimes-australian-integrated-multimodal-ecosystem-preview/>

