

MEDIA STATEMENT

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International experts to partner on Ipswich Connected Vehicle Pilot

Three leading international vehicle and infrastructure technology firms have been announced as partners in Australia's largest pilot of Cooperative Intelligent Transport Systems (C-ITS) technologies at Ipswich next year.

Department of Transport and Main Roads General Manager (Land, Transport and Safety) Dennis Walsh said Amazon Web Services, Codha Wireless and Kapsch TrafficCom would work with Transport and Main Roads to deliver the Ipswich Connected Vehicle Pilot.

"The awarding of these contracts is a major milestone in the development and delivery of this important project," Mr Walsh said.

"These three organisations have a track record for delivering quality ITS projects and experience in the emerging area of connected vehicles."

The contracts include:

- Amazon Web Services - to provide cloud and consultancy services to allow C-ITS to operate from a cloud platform, providing increased flexibility, scalability and reliability over traditional on-premises systems.
- Codha Wireless - to provide up to 550 in-vehicle devices (including in-vehicle stations and displays) which will send and receive safety-related messages between other in-vehicle devices and roadside stations.
- Kapsch TrafficCom - to provide 30 ITS roadside stations which will send traffic signal information to participating pilot vehicles.

Mr Walsh said the partnership would provide an opportunity for the Queensland Government to demonstrate the safety-related features of cooperative, or connected, vehicle technologies.

"The Ipswich pilot involves about 500 public vehicles and will use local expertise to retrofit them with C-ITS technology. This enables participating vehicles to 'talk' to each other, roadside infrastructure and a secure cloud services' platform that shares data about the transport network," he said.

"This technology, which is delivered through in-vehicle devices, roadside devices and in the cloud, provides early warnings to drivers about road works, a stopped vehicle, or a change in the posted speed limit. It provides participants with a safer, more informed way to drive."

The Ipswich Connected Vehicle Pilot will be staged in and around the city of Ipswich from late 2019.

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