

CARSP CONFERENCE 2017

Automated Vehicle Technology

A Regulators Perspective

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Overview

- Regulatory considerations
- AVs and government: a shared responsibility
- CCMTA and AAMVA: work underway in support of jurisdictions

AV/CV CCMTA AND AAMVA work

2015	CCMTA AV Workshop for government and industry
2016	CCMTA AV Checklist for Jurisdictions/ White Paper
2017	AAMVA AV Work Group re-activated to complete AV Guidelines for Motor Vehicles
Dec. 2017	AAMVA AV Guidelines published

AVs in Canada – a shared responsibility



Federal
Provincial/Territorial
Municipal

Principles to mitigate regulator concerns



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Federal
Provincial
Municipal

Lead Agency

Federal
Provincial/Territorial
Municipal

Committee Membership

- Motor vehicle administration
- Department of transportation
- Law enforcement
- Information technology
- Insurance regulators
- Passenger transportation
- Health care
- Aging and disabled communities
- Transit and tolling authorities

Testing – Regulatory Structure



Deployment – Regulatory Elements



Top three areas:

Vehicle Registration/Licencing

Driver Licensing

Law Enforcement

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Law Enforcement

Additional considerations

- Traffic laws
- Maintaining Safety
- Infrastructure
- Privacy
- Insurance/liability
- Other considerations

Traffic Laws



Maintaining Safety



Infrastructure



Security: Ensuring privacy



Insurance and Liability



Other Considerations for Regulators



Recommendations & Considerations for Regulators



Questions