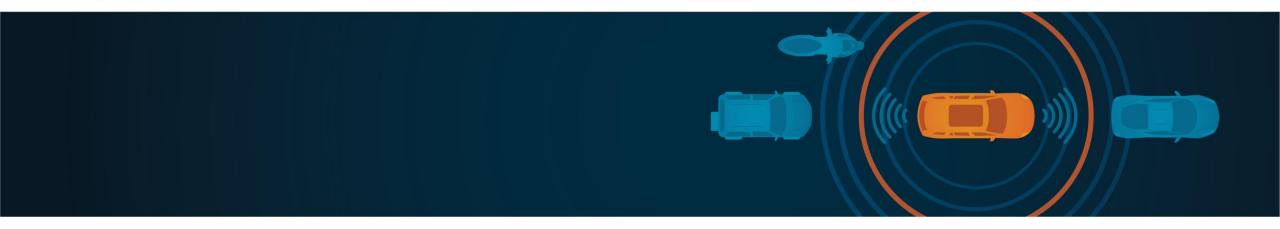
# Transport Canada's Vehicle Cyber Security Initiatives



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#### OUTLINE

- Transport Canada(TC) 's Approach to Vehicle Cyber Security
- **Vehicle Cyber Security Landscape**

**TC's Vehicle Cyber Security Strategy** 



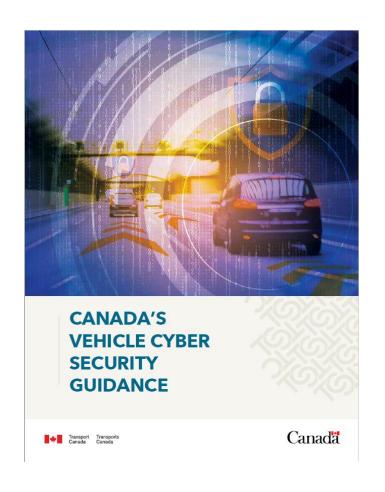
# 1 TC's Approach Vehicle Cyber Security

- Increased connectivity and automation in vehicles introduces opportunities for safety,
   efficiency, and convenience but can also present cyber security risk.
- TC continues to work with national and international stakeholders to lead a coordinated, forward-looking, and safety-focused approach to vehicle cyber security that:
  - Incorporates vehicle cyber security considerations into policy and regulatory frameworks
  - Promotes awareness and foster a modernized, innovative approach to vehicle cyber security
  - Addresses emerging and adjacent issues in the vehicle cyber security landscape
- This work is part of a broader approach to ensure the safe introduction of new vehicle technologies.

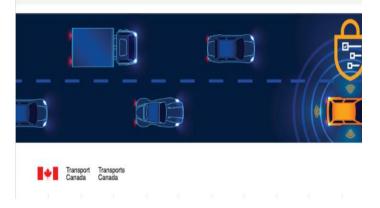


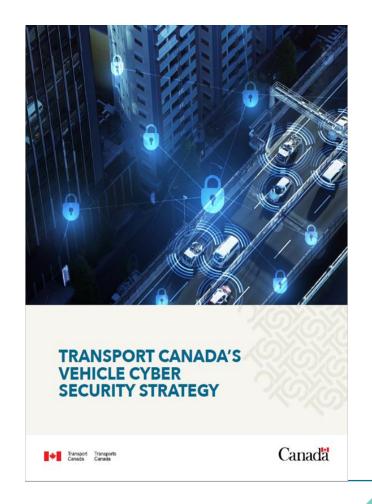
# 1 TC's Approach

#### **Tools and Guidance**









# 1 TC's Approach

#### **Ongoing Initiatives**

- ✓ **Stakeholder engagement** to monitor emerging developments, identify opportunities for collaboration, and gather information to inform our products
- ✓ Participate in Canadian and international working groups on vehicle cyber security
- ✓ Work with other lead federal departments to advance vehicle cyber security, including developing policy, guidance and monitoring legislative initiatives
- ✓ Monitor ongoing international work to develop vehicle cyber security regulations, standards and guidance
- ✓ Facilitate vehicle cyber security research projects



### TC's Approach

#### To learn more:

#### Connected and automated vehicles

From: Transport Canada









- TC's website highlights our policies and guidance documents as well other useful information on emerging vehicle technologies in Canada.
- TC has a dedicated vehicle cyber security webpage featuring the department's activities and publications.
  - Links: canada.ca/automatedvehicles canada.ca/driverassistance



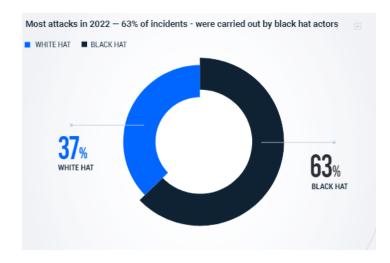
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# Vehicle Cyber Security Landscape

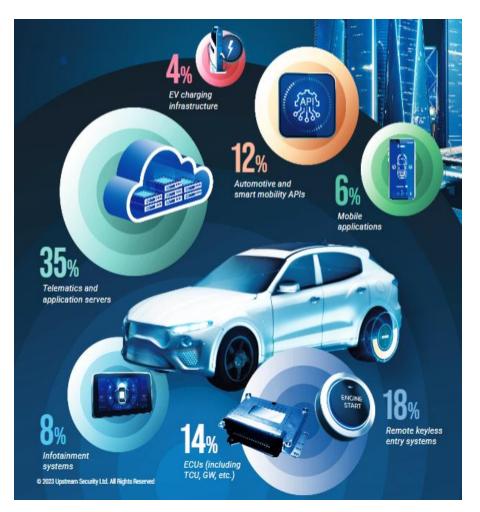
Stats

According to the Upstream 2023 Global Automotive Cybersecurity Report....







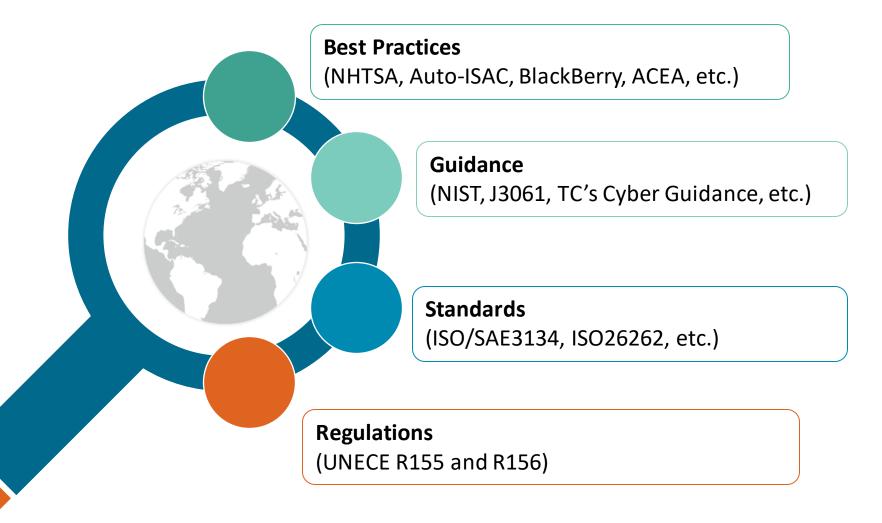




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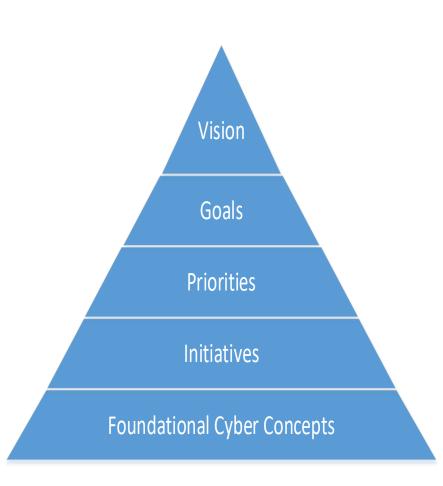
#### Vehicle Cyber Security Landscape

International Standards and Regulatory Work



## TC's Vehicle Cyber Security Strategy

#### Overview



#### Vision

Transport Canada will continue to be a leader in ensuring a secure and resilient automotive cyber security ecosystem to support the safety of our national transportation system into the future



### TC's Vehicle Cyber Security Strategy

**Goals and Priorities** 



# TC's Vehicle Cyber Security Strategy

Workforce development



#### Goal 2

Priority 2.3: Public awareness and education on vehicle cyber security

"The Department continues to monitor efforts underway across federal government departments to build the cyber security workforce of the future and address the cyber security talent gap."



# Thank you

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