Transport Canada's Vehicle Cyber Security Strategy

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Transport Canada / Transports Canada

Canada

OUTLINE

TC's Approach
Vehicle Cyber Security

- Cyber security is a responsibility shared by all levels of government, the private sector and individual Canadians.

- TC continues to work with national and international stakeholders to lead a coordinated, forward-looking, and safety-focused approach to vehicle cyber security.

- This work is part of a broader approach to ensure the safe introduction of new vehicle technologies.

TC's Approach

Ongoing Vehicle Cyber Security Activities

- *Canada's Vehicle Cyber Security Guidance*
  - Published May 2020

- *Canada's Vehicle Cyber Security Assessment Tool (VCAT)*
  - Published August 2021

- *Transport Canada's Vehicle Cyber Security Strategy*
  - Published August 2021

All publications are available for download from TC's dedicated vehicle cyber security webpage: Canada.ca/vehiclecybersecurity
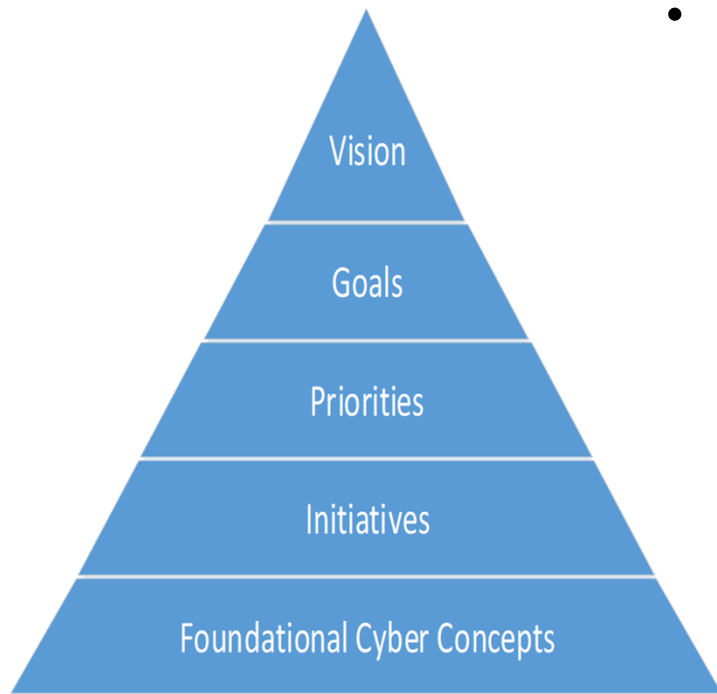

CANADA'S VEHICLE CYBER SECURITY GUIDANCE
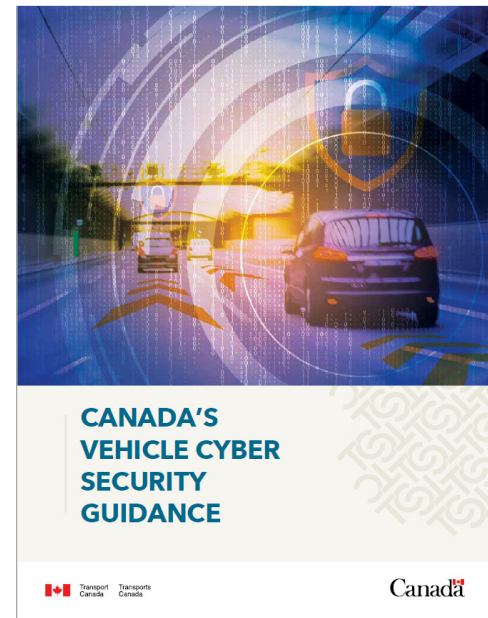
TC's Vehicle Cyber Security Strategy
Overview

- Sets out forward-looking priorities over the coming years to strengthen vehicle cyber security in Canada

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

Goal 1: Incorporate vehicle cyber security considerations into policy and regulatory frameworks

✓ Priority 1.1: Non-regulatory guidance, tools and policies

✓ Priority 1.2: Modernizing policy and regulatory frameworks

✓ Priority 1.3: Alignment with international standards and requirements

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Goal 2: Promote awareness and foster a modernized, innovative approach to vehicle cyber security

- ✓ Priority 2.1: Active participation in Federal/Provincial/Territorial and industry fora

- ✓ Priority 2.2: Research, testing and validation

- ✓ Priority 2.3: Public awareness and education on vehicle cyber security

- ✓ Priority 2.4: Planning and preparedness

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Goal 3: Addressing emerging and adjacent issues in the vehicle cyber security landscape

✓ Priority 3.1: Privacy protection and personal information management

✓ Priority 3.2: Digital infrastructure security

✓ Priority 3.3: Aftermarket considerations

✓ Priority 3.4 Supply chain security

✓ Priority 3.5: Special purpose vehicles and electric vehicles

TC's Vehicle Cyber Security Strategy

TC is committed to continue working with stakeholders to monitor trends and advancements in vehicle security, and leverage the Cyber Security Strategy's forward-looking roadmap as a springboard to further strengthen Canada's vehicle cyber security posture.

Thank you

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