



TRANSPORTATION RESEARCH BOARD

## TRB Snap Search: Cybersecurity

### TRB's involvement in research on Cybersecurity from 2017-2018

The [Transportation Research Board \(TRB\)](#) provides innovative, research-based solutions to improve how we move. TRB is part of the National Academies of Sciences, Engineering, and Medicine, an independent, non-profit institution that provides objective advice on scientific, engineering, and medical issues.

A resource to the nation and to the transportation community worldwide, TRB provides an extensive portfolio of services:

- Opportunities for information exchange on current transportation research and practice
- Management of cooperative research and other research programs
- Analyses of national transportation policy issues and guidance on federal and other research programs
- Publications and access to research information from around the world

### TRB Research

**TRID** – The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation

- Click here to view [search results](#) on TRB published research Cybersecurity within the past year.

### Subject Webpage

- [TRB Cybersecurity Resource Center](#)

### Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
  - [Report 140](#) - Guidebook on Best Practices for Airport Cybersecurity
- [National Cooperative Highway Research Program \(NCHRP\)](#)
  - [Web-Only Document 221](#) – (TCRP 67) Protection of Transportation Infrastructure from Cyber Attacks: A Primer
- [Transportation Research Record: Journal of the Transportation Research Board](#)
  - [Volume 2619](#) - Framework for Evaluating the Severity of Cyber vulnerability of a Traffic Cabinet
  - [Volume 2604](#) - Risk and Resilience Analysis for Highway Assets

### Current & Upcoming Projects

- [Current Projects](#)
  - [NCHRP 03-127](#) - Cybersecurity of Traffic Management Systems
  - [NCHRP 20-59\(51\)A](#) - A Physical & Cyber Security Primer for Transportation Agencies
- [Upcoming Projects](#)
  - [NCHRP 20-102\(14\)](#) - Data Management Strategies for CV/AV Applications for Operations

### Reports from the [National Academies Press](#) on Cybersecurity

- [Enhancing the Resilience of the Nation's Electricity System](#)
- [Foundational Cybersecurity Research: Improving Science, Engineering, and Institutions](#)
- [Strengthening the Disaster Resilience of the Academic Biomedical Research Community: Protecting the Nation's Investment](#)
- [Examining Challenges and Possible Strategies to Strengthen U.S. Health Security: Proceedings of a Workshop](#)
- [Social and Behavioral Sciences for National Security: Proceedings of a Summit](#)

### Committees & Panels

[Sign-up to be a committee "Friend"](#)

[Technical Activities Division Standing Committees](#) – Search by transportation mode and committee topic

- [ABR10](#) –Critical Transportation Infrastructure Protection
- [AL040](#) - Emerging Technology Law
- [AV090](#) - Aviation Security and Emergency Management

- [D03127](#) – Cybersecurity of Traffic Signals and Related ITS Equipment
- [D205948](#) – Protection of Transportation Infrastructure from Cyber Attacks
- [DA0502](#) – Airport Cyber Security Best Practices

**Task Forces** - Search for *task force* under committee here

- [ABI55T](#) – Data Privacy, Security and Protection Policy
- [AP018T](#) – Transit Safety and Security

#### Councils

- [A0040T](#) – Young Member Council

### Recent and Upcoming Events

[Conferences \(co-sponsored by TRB\)](#) - Left hand menu “upcoming conferences by topic”

#### [Transport Research Arena 2018\\*](#)

*April 16-19, 2018*

**Vienna, Austria**

#### [Tenth National Aviation System Planning Symposium](#)

*May 20-22, 2018*

**Anchorage, Alaska**

#### [I-TED 2018: International Transportation and Economic Development Conference](#)

*June 6-8, 2018*

**Washington, DC**

#### [6th International Conference on Women’s Issues in Transportation \(WIIT 2019\)](#)

*September 10-13, 2019*

**Irvine, California**

[Webinars](#) – View upcoming webinars, suggest a webinar or add registration information

### TRB’s Transportation Research Information Services (TRIS)

TRIS includes the [TRB Library](#) and the [TRIS Databases](#) (listed below) which are available for free on TRB’s website.

**The TRB Library provides information services to TRB staff, sponsors, TRB Committee members and panels and researchers. Access to the TRB Library is a benefit to TRB sponsors and TRB committee members.**

In cooperation with your State DOT Library or Information Service, the TRB Library provides:

- Reference and research assistance
- Literature searches
- Articles for TRB Committee work

**The TRB Library provides training on effective and efficient use of the following TRIS resources:**

**TRID** – The world’s largest and most comprehensive bibliographic source on all modes and disciplines of transportation - [trid.trb.org](#)

**Practice Ready Papers (PRP) Database** - Papers with information that is ready for immediate implementation or requires minimal additional research or implementation effort - [prp.trb.org](#)

**Publications Index (PubsIndex) Database** – The papers, articles and reports published by the Transportation Research Board, Highway Research Board, Strategic Highway Research Programs or the Marine Board - [pubsindex.trb.org](#)

**Research in Progress (RiP) Database** – Current or recently completed transportation research projects - [rip.trb.org](#)

**Research Needs Statements (RNS)** – Research needs as identified by TRB Technical Activities standing committees - [rns.trb.org](#)

Contact the Library at [TRBLibrary@nas.edu](mailto:TRBLibrary@nas.edu) or 1 (202) 334-2989

