ITS AMERICA
STANDING COMMITTEES

LEADING THE FUTURE OF INTELLIGENT TRANSPORTATION

ITS America brings together experts, policymakers, and stakeholders to advance transportation innovation and technology. Members serve on Committees, Working Groups, and Communities of Practice to develop policies, resources, and recommendations for modern transportation solutions. They prepare reports, briefs, and policy recommendations, and inform regulatory actions.

In 2025, ITS America's Standing Committees, Working Groups, and Communities of Practice are advancing a robust portfolio of deliverables that support deployment-focused policy, technical guidance, and cross-sector collaboration. These outputs—ranging from white papers and fact sheets to implementation resources and webinars—reflect member-driven priorities and are designed to accelerate innovation, inform regulatory frameworks, and strengthen the transportation system.

DIGITAL INFRASTRUCTURE COMMITTEE

The committee advances a coordinated national approach to the integration of digital technologies, focusing on data governance, digital transformation, policy development, and regulation of digital technologies. The committee created a DI Action Plan aligning with national goals, tackling interoperability and cybersecurity. Themes include Shared Data Layer, Multimodal Use Case Ecosystem, Analog to Digital, and DI Practitioner Resources. The committee is developing white papers exploring each of these themes and is assisting with ITS America's USDOT National Transportation Digital Infrastructure Strategy contract.
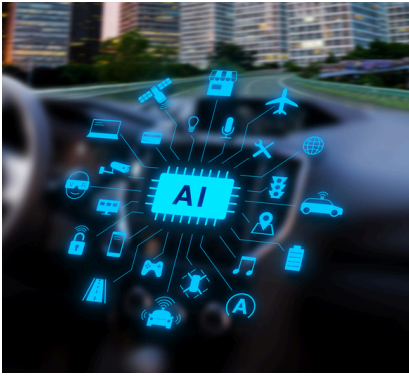
Reauthorization Working Group

The working group is developing materials and advocacy strategies to support ITS America's surface transportation reauthorization policy principles.

Multimodal Use Case Ecosystem Task Force

The task force is developing a comprehensive ecosystem of use cases to demonstrate the practical benefits and capabilities of DI with a focus on the multimodal, multijurisdictional nature of these technologies.
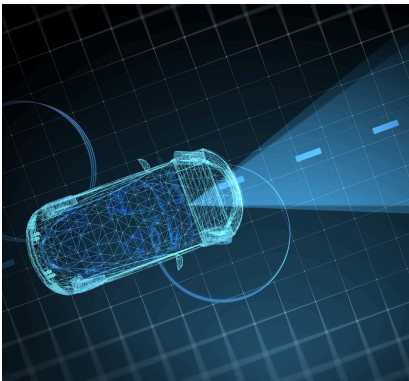
Shared Data Layer Task Force

The task force is exploring a shared data layer concept that facilitates the efficient transfer of data across the DI environment and enables seamless uploading, sharing, integration, and management of data among various stakeholders, systems, and applications.

ARTIFICIAL INTELLIGENCE COMMITTEE

The committee advances policy principles and practical resources for the integration of AI in transportation. The committee provides guidance on how the broader transportation industry should approach AI adoption and implementation. The Committee is creating data governance resources and building off existing ITS America resources such as our Privacy Principles document to produce recommendations on how to balance secure data exchange while maintaining individual privacy protections. These include a fact sheet on effective applications of AI in transportation, an AI and Privacy document, and data governance resources.

AUTOMATED VEHICLE COMMITTEE

The committee advocates for policies to support the testing, deployment, and integration of automated vehicles into transportation. Members address policies related to automated light duty vehicles and trucks, automated transit, automated freight, workforce impacts , land use, and system integration. The committee provides expertise for a National AV Framework, ensuring necessary regulations, safety standards, and infrastructure development to support wide scale deployment. Additionally, it is developing a Data Sharing Primer to promote interoperability, enhance safety, and support autonomous vehicle systems while protecting proprietary information.

Automated Vehicle Freight Task Force

This task force contributes a freight focus to the committee's National AV framework.

V2X & CONNECTED TRANSPORTATION COMMITTEE

The committee identifies legislative and regulatory barriers to the widespread deployment of V2X technologies, as well as opportunities associated with V2X technologies. This committee is tasked with advocating for policies which support the deployment of V2X technologies at scale and addresses topics such as the development and deployment of connected, V2V, V2I, and V2P technologies and innovations. The committee is developing practical deployment resources and will be creating a V2X Privacy document based on ITS America's Privacy Principles. The committee also supports and provides subject matter expert feedback to ITS America's ITS-JPO contract.

Beyond 5.9 V2X Working Group

The working group explores deploying technologies outside the 5.9GHz band for V2X and connected transportation services, including through techniques that utilize cloud-based, network-supported communications harnessing LTE and 5G networks.

Future of 5.9 V2X Working Group

The working group explores optimal deployment of V2X within the 30 MHz of spectrum dedicated for V2X communications and encourages industry discussions on direct V2X usage.

EMERGING TECHNOLOGY COMMITTEE

The committee tackles barriers and opportunities for new technologies, tracks trends and research, and promotes best practices and partnerships. It focuses on digital twinning, advanced air mobility and UAS, automated cargo delivery, multimodal transportation, and on-demand platforms. The committee is developing an Emerging Technology Primer and a webinar series to further education on emerging technologies.

Advanced Air Mobility (AAM) Working Group

Digital Twinning Working Group

Multimodal Transportation & On Demand Mobility Working Group

The working group examines the benefits of AAM/UAS for incident planning, disaster response, inspection, maintenance, and cargo delivery. It educates members on AAM/Urban Air Mobility (UAM) advancements through webinars with industry organizations and identifies best practices via its use case repository.

The working group educates the industry on digital twinning capabilities through webinars, workshops, developing resources, and participation in ITS America events. The working group is creating implementation and development resources that explore how digital twinning can enhance various aspects of the ARC-IT service packages, such as traffic management, predictive maintenance, and emergency response.

The working group is creating an integration plan to coordinate various transportation modes and on-demand services with the goal of improving efficiency, accessibility, and user-centric mobility. The plan will align with federal funding, policies, and resource allocation, ensuring compliance and considering infrastructure enhancements.

COMMUNITIES OF PRACTICE

Resiliency Community of Practice

The CoP is dedicated to developing infrastructure that withstands a variety of factors to ensure that our country stays efficient and connected. The CoP supports improved transportation infrastructure and systems to leverage technology to anticipate, adapt, withstand, and recover from disruptions caused by dynamic threats and changing conditions, such as weather events, natural disasters, cyberattacks, physical attacks, or other emergencies.

Cybersecurity Community of Practice

The CoP, comprised of cybersecurity experts, explores innovative cybersecurity approaches and develops practical exercises and resources members can use to advance safety and security across the transportation sector. The CoP advances real-world simulations and collaborates with ITS America partners to ensure strong cybersecurity measures are adopted across the transportation ecosystem.

Workforce Development Community of Practice

The CoP consists of experts in workforce strategy, identifying opportunities to enhance the skills, knowledge, and readiness of the ITS workforce. The CoP creates pathways for individuals to contribute to and benefit from Intelligent Transportation Systems (ITS) and emerging technologies, aiming to develop a skilled and knowledgeable workforce that meets industry demands, fosters innovation, and expands workforce opportunities in the transportation sector.

Privacy Task Force

The task force addresses data privacy issues and develops policy and best practices for maintaining consumer privacy while balancing innovation. The Task Force is developing policy recommendations for a federal data privacy framework to support the industry's engagement with Congress and the Administration. The task force previously led the creation of ITS America's Privacy Principles and best practices for organizations, released in March 2025.