



ITS AMERICA

STANDING ADVISORY COMMITTEES *GUIDE*

DRIVING INNOVATION IN TRANSPORTATION TOGETHER

ITS America's committees, working groups, task forces, and communities of practice are where collaboration happens. These member-led groups unite public agencies, private sector leaders, and research institutions to shape the future of intelligent transportation systems (ITS).



Our mission is simple:

Advance technology, policy, and best practices to create safer, smarter, and more connected mobility solutions.

What You'll Find in This Packet

Committee Overviews:

1

Learn the goals and priorities for 2026.

Working Groups and Task Forces:

2

Explore specialized teams tackling critical challenges.

Key Opportunities for Members:

3

Understand how you can influence policy, access resources, and collaborate with industry leaders.

Why Get Involved?

Participation gives you a seat at the table where innovation takes shape and decisions are made. By joining, you can:

- Shape national policy and standards for emerging technologies.
- Collaborate with experts across sectors to solve real-world challenges.
- Access and share exclusive resources and insights that drive deployment and adoption.
- Influence decisions and innovation at the forefront of transportation.

How to Join

Existing members can sign up for ITS America's committees, working groups, or communities of practice via your [MyITSA account](#). If you don't have a MyITSA account, you can [create one here](#).

NOT A MEMBER? JOIN TODAY!

Your expertise can help shape the future of transportation. Join a committee or community of practice to collaborate with peers, influence policy, and drive innovation.

Membership is required to participate in ITS America's standing committees, working groups, and communities of practice.

[Become A Member Today](#) and be part of the movement toward safer, smarter, and more connected mobility.



ARTIFICIAL INTELLIGENCE COMMITTEE

The AI Committee is shaping how artificial intelligence transforms transportation. The Committee is dedicated to advancing policy principles and best practices for the integration of AI in transportation, providing guidance on how USDOT and the broader transportation industry should approach AI adoption and implementation.



2026 Focus Areas

- Advocating for responsible technology use by developing AI principles and privacy standards that promote transparent practices, protect personal information, and maintain public confidence in AI technologies.
- Developing robust data governance frameworks to support secure integration of AI in transportation systems, ensuring data integrity, confidentiality, and compliance with regulatory standards throughout all phases of AI deployment.
- Building a repository of AI use cases in transportation to highlight successful innovations and practical applications, facilitate knowledge sharing, and serve as a reference point for best practices, supporting continuous improvement and accelerating industry-wide adoption of AI solutions.
- Exploring AI's role in automated vehicle deployment and examining how AI-powered predictive analytics can enhance transportation planning, operations, and safety, driving progress toward smarter, safer, and more efficient mobility solutions.



Key Opportunities for Members

- Influence AI policy and standards in transportation.
- Access and share insights on AI applications and best practices.
- Collaborate with experts on data governance and interoperability.
- Drive innovation in smart mobility through AI-enabled solutions.



Why It Matters

AI is revolutionizing transportation, from planning and design to construction, predictive maintenance, and traffic optimization. This committee ensures AI adoption is safe and impactful.

AUTOMATED VEHICLES COMMITTEE

The Automated Vehicles Committee champions policies and regulatory frameworks that enable the safe testing, deployment, and integration of automated vehicles. Members work together to address automated vehicle policies and programmatic efforts covering highly automated vehicles, automated transit, advanced driver assistance systems, workforce impacts, automated freight, land use, and transportation system integration.



2026 Focus Areas

- Aligning local, state, and federal efforts for a unified approach to AV deployment, supporting consistent policy implementation, reduced fragmentation, and smoother integration of AV technologies nationwide.
- Identifying and addressing challenges related to cybersecurity and data privacy within automated systems to ensure robust protection of data and secure operation of AVs, critical to maintaining public trust and safeguarding sensitive information as automation becomes widespread.
- Supporting scalable deployments across passenger and freight networks, emphasizing solutions that can be adapted to varying operational contexts and geographies, to enable widespread adoption and flexible integration.
- Shaping national strategies that focus on interoperability and safety standards, as well as workforce development, to ensure that automated vehicle technologies remain interoperable, safe, and supported by a skilled workforce prepared for emerging industry needs.



Key Opportunities for Members

- Influence national vehicle technology policy and regulatory frameworks.
- Access and share cutting-edge insights on automation technologies and standards.
- Collaborate with industry leaders, public agencies, and research institutions.
- Shape the future of mobility through participation in strategic initiatives.



Working Group

Vehicle Technologies Working Group

This group explores advancements in vehicle automation technologies, including Level 2 and Level 3 systems. It provides guidance on technical standards and best practices to ensure safe, interoperable deployments while incorporating key infrastructure considerations.



Why It Matters

Increasing automation is transforming mobility, freight, and transit. This committee ensures policies and standards keep pace with innovation while prioritizing safety and public confidence in emerging technologies.

DIGITAL INFRASTRUCTURE COMMITTEE

The Digital Infrastructure Committee is dedicated to modernizing the nation's transportation systems through digital innovation and technologies. The committee's work shapes the future of mobility through digital transformation, data governance, and the development and implementation of forward-thinking digital policies and regulations that treat digital infrastructure as core infrastructure.

By collaborating with industry experts, government officials, policymakers, and a broad range of stakeholders, the committee addresses complex challenges and seizes new opportunities in the rapidly evolving digital landscape.



2026 Focus Areas

- Advancing ITS America's Digital Infrastructure Action Plan to guide modernization through innovative digital solutions and ensuring that infrastructure keeps pace with technological advancements.
- Supporting the transition from analog to advanced digital systems by helping agencies prepare for future infrastructure needs and navigate the complexities of digital transformation.
- Developing frameworks for secure, scalable data exchange to promote interoperability, protect sensitive information, and facilitate efficient collaboration among stakeholders.
- Promoting digital twinning for traffic management and infrastructure planning to simulate real-world operations and improve the effectiveness of transportation systems.



Working Groups & Task Forces

Digital Twinning Working Group

This group advances the use of digital twins for traffic management and infrastructure planning. It develops resources to help agencies simulate and optimize real-world operations.

Shared Data Layer Task Force

The task force is developing framework for seamless data exchange across transportation systems. Its efforts aim to improve interoperability and enable secure, efficient data-sharing among stakeholders.

Analog to Digital Task Force

This task force guides the transition from outdated analog systems to advanced digital platforms. The Analog to Digital white paper will present a roadmap and explore strategies to accelerate the analog to digital transition, providing agencies with actionable approaches to prepare for future infrastructure needs. This effort will highlight best practices, identify challenges and opportunities, and present practical solutions that support national infrastructure modernization goals and assist stakeholders in managing this critical transformation.



Key Opportunities for Members

- Influence national digital infrastructure standards and strategies.
- Access and share resources for implementing digital transformation.
- Collaborate with experts on cybersecurity and interoperability.
- Shape the future of connected, data-driven transportation systems.



Why It Matters

Digital infrastructure is the backbone of modern mobility. This committee ensures transportation systems are secure, interoperable, and ready for emerging technologies.

MULTIMODAL TECHNOLOGY INTEGRATION COMMITTEE

The Multimodal Technology Integration Standing Committee is dedicated to shaping the future of transportation by breaking down legislative and regulatory barriers between modes, enabling more seamless multimodal transportation and unlocking new opportunities for safe, innovative mobility.

The committee actively monitors national trends and cutting-edge research, shares best practices, and fosters dynamic partnerships between the public and private sectors. Our committee serves as a collaborative hub, connecting thought leaders and practitioners to exchange ideas and drive innovation in transit, advanced air mobility, unmanned aircraft systems, emerging technologies, multimodal solutions, and on-demand platforms.



2026 Focus Areas

- Advancing strategies for the integration of emerging technologies and multimodal transportation solutions by identifying and promoting best practices that advance seamless connectivity across various modes of transportation, ensuring that new innovations are effectively incorporated into existing and future systems.
- Promoting the adoption of advanced air mobility (AAM) and unmanned aircraft systems to enhance mobility options, expand access, and drive the evolution of transportation networks to better serve public needs.
- Finalizing a comprehensive multimodal integration plan for transit and on-demand platforms that provides a framework for connecting various transportation services, improving efficiency, and supporting safe, innovative mobility solutions.
- Sharing best practices and foster dynamic partnerships between public and private sectors to drive progress by supporting knowledge exchange, encouraging innovation, and creating new opportunities for advancing multimodal transportation solutions.



Key Opportunities for Members

- Influence policy and standards for multimodal and air mobility.
- Gain insights into cutting-edge technologies and integration strategies.
- Collaborate with leaders shaping the future of connected transportation.
- Access and share frameworks and resources for real-world implementation.



Working Groups

Advanced Air Mobility (AAM) Working Group

The AAM Working Group focuses on integrating drones and other aerial technologies into transportation systems for public benefit. It identifies use cases, regulatory needs, and partnerships to accelerate safe and efficient AAM adoption.



Why It Matters

Multimodal integration is essential for creating safe, efficient, and connected transportation systems. This committee helps stakeholders overcome barriers and unlock opportunities for innovation.

V2X & CONNECTED TRANSPORTATION COMMITTEE

The V2X & Connected Transportation Committee is dedicated to accelerating the safe, secure, and widespread deployment of Vehicle-to-Everything (V2X) technologies across America's transportation system. The committee brings together public and private sector leaders, technical experts, and policy advocates to address regulatory barriers, develop practical deployment resources, and champion interoperability across connected vehicle systems.

This committee is tasked with advocating for policies which support the deployment of V2X technologies on a national scale and addresses topics such as the development and deployment of connected, V2V, V2I, and V2P technologies and innovations.



2026 Focus Areas

- Identifying and overcoming regulatory obstacles that hinder the advancement of V2X technologies to align policies across jurisdictions, ensuring a cohesive approach that supports widespread deployment and innovation in connected transportation.
- Developing actionable resources that support the real-world deployment of V2X systems, including frameworks, guidelines, and toolkits to facilitate effective implementation.
- Promoting interoperability among connected vehicle systems to ensure seamless communication and integration by developing strategies to support scalable deployments, allowing V2X technologies to expand efficiently across the transportation network.
- Exploring expanded use cases for new and emerging connected mobility applications to promote and maximize the benefits of V2X technologies for safety, efficiency, and innovation in transportation.



Working Groups

Future of 5.9 V2X Working Group

This group addresses challenges and opportunities in deploying direct V2X systems using the 5.9 GHz spectrum. It advocates for supportive policies and develops guidance for large-scale implementation.

Beyond 5.9 V2X Working Group

The Beyond 5.9 group explores network V2X technologies and use cases. It focuses on interoperability and integration with broader connected mobility ecosystems.



Key Opportunities for Members

- Influence V2X policy and deployment strategies.
- Access and share best practices for connected transportation systems.
- Collaborate with industry leaders and policymakers.
- Drive innovation in safety and mobility through connected technologies.



Why It Matters

V2X technologies are critical for reducing crashes, improving traffic flow, and enabling future mobility solutions. This committee ensures these technologies are deployed safely and effectively.

WORKFORCE DEVELOPMENT COMMUNITY OF PRACTICE

The Workforce Development Community of Practice (CoP) is dedicated to helping transportation professionals stay prepared for rapidly changing technologies by recommending policies and investments that support workforce readiness. By leveraging data-driven insights, the group provides actionable recommendations designed to support ongoing professional growth and adaptability within the industry.



2026 Focus Areas

- Systematically evaluating how new and evolving technologies are affecting the transportation workforce. This assessment aims to identify both current and anticipated impacts, equipping industry professionals with the insights needed to adapt and thrive.
- Working collaboratively with other ITS America committees to pinpoint workforce needs and uncover new opportunities. This cross-committee collaboration will ensure that strategies and solutions are aligned with the broader goals of workforce development in the transportation sector.
- Building on the assessment, the group will develop and release a detailed white paper that outlines the effects of emerging technologies on the workforce. This publication will provide actionable recommendations and serve as a valuable resource for stakeholders seeking to understand and respond to workforce changes.
- Actively sharing findings through a series of webinars and direct engagement with key stakeholders. These activities are designed to facilitate broader understanding and foster dialogue across the industry.



Key Opportunities for Members

- Influence workforce development strategies for ITS.
- Access and share research and recommendations on future skills.
- Collaborate with peers to address workforce challenges.
- Shape programs that prepare professionals for a changing industry.



Why It Matters

A skilled workforce is essential for deploying advanced transportation technologies. This CoP ensures professionals have the tools and knowledge to succeed.



PROCUREMENT COMMUNITY OF PRACTICE

The Procurement Community of Practice advocates for the adoption of innovative and flexible procurement models that better fit the needs of technology procurement, and supports the ITS community in navigating procurement hurdles. This approach aims to modernize the processes used to acquire and scale ITS technologies, facilitating more effective and efficient deployment throughout the sector.



2026 Focus Areas

- Promoting the widespread use of procurement models that prioritize measurable results to ensure that technology solutions deliver clear, impactful benefits to agencies and stakeholders.
- Sharing best practices for technology procurement through webinars and resources designed to enhance understanding of performance-driven contracting and empower professionals to develop contracts that emphasize accountability and success metrics.
- Strengthen collaboration among agencies and industry partners to address shared challenges and drive innovation through collective expertise and partnership.



Key Opportunities for Members

- Influence procurement reform and policy.
- Access and share resources for designing effective ITS projects.
- Collaborate with experts on contracting and performance metrics.
- Drive innovation through smarter procurement strategies.



Why It Matters

Procurement practices shape how technologies are deployed. This CoP ensures projects deliver measurable outcomes and lasting value.

CYBERSECURITY COMMUNITY OF PRACTICE

The Cybersecurity Community of Practice centers its efforts on enhancing the security and resilience of ITS systems. Through the development and dissemination of best practices and collaborative frameworks, this group works to strengthen defenses and promote a robust security posture across all transportation technology networks.



2026 Focus Areas

- Advance cybersecurity standards and frameworks for ITS deployments with the goal of promoting consistent and robust protocols for securing transportation technology networks, ensuring that all stakeholders operate under best-in-class security guidelines.
- Develop guidance on securing connected and automated transportation systems to help organizations safeguard emerging technologies that are increasingly vital to the nation's mobility infrastructure.
- Address vulnerabilities in data exchange and digital infrastructure by identifying common risks and proposing mitigation strategies to protect sensitive information and maintain the integrity of ITS networks.
- Promoting cross-sector collaboration to effectively mitigate cybersecurity risks and respond to threats. By fostering partnerships among government, industry, and academic stakeholders, the Community of Practice will enhance collective preparedness and resilience against evolving cyber challenges in transportation systems.



Key Opportunities for Members

- Influence cybersecurity policy and best practices for transportation systems.
- Access and share expert insights on threat mitigation and resilience strategies.
- Collaborate with peers to address real-world security challenges.
- Shape resources and tools that strengthen ITS security nationwide.



Why It Matters

As transportation systems become increasingly connected and data-driven, cybersecurity is critical to public safety and trust. This CoP ensures stakeholders are equipped to prevent, detect, and respond to evolving threats in a rapidly changing digital landscape.



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