The Transportation Safety Advancement Group (TSAG) serves an important function on behalf of the U.S. Department of Transportation (U.S. DOT), Office of the Secretary of Transportation, and the Intelligent Transportation Systems (ITS) Joint Program Office (JPO). Through its members and communities of interest, TSAG identifies and promotes surface-transportation-based technologies and applications and supports a national dialogue to improve the safety of emergency responders and the public through technology. TSAG looks toward a national transportation services vision that advances public safety through connectivity and enhanced awareness.

Vision
Public and transportation safety is fully integrated and enabled through the use of technology.

Mission
TSAG identifies and advances technologies to improve public safety response and efficacy in transportation systems and promotes transportation safety and efficiency in concert with the U.S. DOT ITS JPO.

Strategic Direction
Through its special projects, work plan, and outreach activities, TSAG promotes technologies and best practices that minimize transportation incident impacts and support safe and efficient emergency response and management through interdisciplinary and interagency communications and coordination.

Operating Principles
TSAG is dedicated to advancing public safety across transportation modes, transportation services and functions, and transportation and public safety jurisdictions. TSAG has defined the following Operating Principles.

- **Improved Public Safety Through Technology:** The advancement of proven and emerging technologies for traveler safety and for the safety of emergency responders remains a TSAG priority as these technologies and broader ITS are deployed.

- **Improved Public Safety Through Strategic Alliances:** Strategic alliances, partnerships, and institutional frameworks that serve to advance transportation safety and mobility through technology are encouraged and promoted through TSAG support of relevant public policy, technology research, and competitive and open technology.

- **Improved Public Safety Through Knowledge Transfer:** TSAG advances traveler and emergency responder safety by sharing knowledge, promoting awareness, and exchanging experiences—all employed to create a national awareness of, and connection to, transportation and public safety goals and achievements.

Current Products

**FirstNet, Next Generation 9-1-1 (NG 911), and Connected Vehicles:** TSAG examined the history of FirstNet, NG 911, and connected vehicles to provide an overall picture of where these technologies are today and what the near future holds.

**Advanced Automated Collision Notification (AACN):** AACN provides life-saving information by reducing the time required for detection, notification, and response to an incident. It can also enhance patient care through provision of real-time patient information. This project looked at existing and future AACN applications and the opportunity to improve patient outcome.

**Infrastructure-to-Responder (I2R) Future Opportunities:** I2R technologies allow critical, real-time information about infrastructure, weather, resources, and operational conditions to be communicated to responders. Future opportunities for vehicle and responder-worn communication will improve situational awareness and responder safety.

**Connected Responder:** This project developed a comprehensive Connected Responder business case to educate, engage, and inspire crucial communities of interest to leverage the full potential of connected vehicle technologies.

Visit the TSAG website at [http://www.tsag-its.org](http://www.tsag-its.org) for information, technical products, and presentations.
<table>
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<th>Interest Community</th>
<th>Liaison Organizations</th>
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| **Emergency Communications** | APCO – Association of Public Safety Communications Officials International  
NASNA – National Association of State 911 Administrators  
NENA – National Emergency Number Association  
NPSTC – National Public Safety Telecommunications Council |
| **Law Enforcement** | IACP – International Association of Chiefs of Police  
MCCA – Major Cities Chiefs Association  
MCSA – Major County Sheriffs of America  
NSA – National Sheriffs’ Association |
| **Emergency Medical Services (EMS)** | ACEP – American College of Emergency Physicians  
ACS/COT – American College of Surgeons/Committee on Trauma  
NAEMSP – National Association of EMS Physicians  
NAEMT – National Association of Emergency Medical Technicians  
NAEMSO – National Association of State EMS Officials  
NEMMSA – National EMS Management Association |
| **Fire and Rescue** | IAFC – International Association of Fire Chiefs  
IAFF – International Association of Fire Fighters  
NVFC – National Volunteer Fire Council |
| **Transportation Operations** | AAA – American Automobile Association  
AASHTO – American Association of State Highway Transportation Officials  
APWA – American Public Works Association  
ATSIP – Association of Transportation Safety Information Professionals  
GHSA – Governors Highway Safety Association  
ITE – Institute of Transportation Engineers  
NACE – National Association of County Engineers  
NACTO – National Association of City Transportation Officials  
TRAA – Towing and Recovery Association of America |
| **Emergency Management** | IAEM – International Association of Emergency Managers  
NEMA – National Emergency Management Association |
| **Technology and Telematics** | ATA – American Trucking Associations  
IMSA – International Municipal Signal Association  
ITS America – Intelligent Transportation Society of America  
NASCIO – National Association of State Chief Information Officials  
NASTD – National Association of State Technology Directors  
PTI – Public Technology Institute  
SAE International |
| **Academic and Research** | AAAM – Association for Advancement of Automotive Medicine  
NPF – National Police Foundation  
TRB – Transportation Research Board  
UTC – University Transportation Centers Public and Private Universities |
| **Governing Agencies** | AMPO – Association of Metropolitan Planning Organizations  
ICMA – International City/County Management Association  
NACo – National Associations of Counties  
NARC – National Association of Regional Councils  
NCSL – National Conference State Legislatures  
NGA – National Governors Association  
NLCC – National League of Cities  
US Conference of Mayors |