ITS America Executive Forum:
Securing the Transportation Network

July 22, 2019 | 9:30am to 5:00pm
Courtyard by Marriott Washington Capitol Hill/Navy Yard
140 L St SE, Washington, DC 20003

As vehicles and infrastructure become more connected, our nation’s transportation system faces increasing cybersecurity risks. To help protect against cyber attacks on this critical sector of the U.S. economy, those producing or managing intelligent mobility technologies traveling over or connected to U.S. roadways must adopt a robust, layer-approach to cybersecurity.

This executive-level ITS America event will bring together key stakeholders to learn about cybersecurity best practices. High-level federal policymakers also will share their thoughts on how to better secure our nation’s surface transportation system.

9:30 am – 9:45 am  
Check-In/Registration

9:45 am – 9:50 am  
Welcome by Shailen Bhatt, President and CEO, ITS America

9:50 am – 10:10 am  
Keynote Remarks by Michelle Maggiore, Cisco Global Business Development, Transportation and Smart Cities

10:10 am - 10:25 am  
“Fireside Chat” with U.S. Department of Homeland Security, Deputy Assistant Secretary, and Executive Director, Homeland Security Advisory Council, Matt Hayden

10:30 am – 11:30 am  
Best Practices in Cybersecurity
True cyber security requires a continuous holistic process of vigilance and preparation. These processes must consider what to do to prevent cyber attacks before they occur; what to do to stop on-going attacks; and what to do after an attack to recover full system operation and integrity. All three of these phases are necessary for true cyber security. In this session, senior representatives from city and state DOTs, transit agencies, and research organizations will discuss cybersecurity best practices that address these three phases of cyber security.

- Brian Kelley, Chief Technology Officer, Ohio Turnpike and Infrastructure Commission
- Robert Heller, Program Director, Southwest Research Institute
- Cordell Schachter, CTO, NYC DOT
- Mark Cantelli, Vice President of Product Development and Management - Tolling, Conduent
- Sunny Chakravarty, Vice President of Engineering, Econolite
- Suneel Cherukuri, Chief Information Security Officer, District of Columbia

Moderator: Suzanne Murtha, National Lead for Connected and Automated Technologies, AECOM
11:30 am - 11:45 am  
**Networking Break**

11:45 am – 12:30 pm  
**Information Sharing and Securing Vehicles**
Vehicle to vehicle and vehicle to infrastructure communications will connect our vehicles to the world. This connectivity will offer the potential of safer and more efficient travel as well as a host of new services as yet unimagined. However, one of the primary challenges of connected vehicles is security. In order for vehicle connectivity to work, we must ensure we have secure communications and data integrity between vehicles, and the roadway and from the roadway to central hubs. While there are proven cyber security tools that can support the last mile connection, the vehicle side offers unique challenges that require innovative solutions. In this session, transportation and cyber security experts will discuss the challenges, the alternatives and cooperative efforts for making connected vehicles secure.

- Tom Stricker, Vice President of Product Regulatory Affairs, Toyota Motor North America (Vice Chair, Auto-ISAC)
- Jeff Davis, Head of Smart Transportation Innovation and Development, BlackBerry
- Kevin Tierney, Chief Product Cybersecurity Officer, Global Cybersecurity, General Motors Company
- William Whyte, Senior Director, Technical Standards, Qualcomm Technology Inc.

**Moderator:** Faye Francy, Executive Director, Auto ISAC

12:30 pm - 1:15 pm  
**Lunch and Networking**

1:15 pm - 2:15 pm  
**Best Practices: What Can We Learn from Other Sectors?**
The challenges of cyber security cut across many industries. In many cases, these other industries have been dealing with these issues for many more years than the transportation sector. Most of the tools and practices that will be used to protect transportation assets have been developed by these other sectors. While the technical aspects of cyber security may be readily transferred to transportation assets by cyber experts, there are experiences and lessons learned from other sectors that may be as important as the tools themselves. This panel will feature a discussion of what lessons can be applied from other industries that have more mature cyber programs such as military and telecommunications.

- Gus Tome, Division Vice President, Cyber Security (ATN), Jacobs
- Ryan Rice, Advanced Mobility Senior Strategist, Gannett Fleming
- David Sequino, Co-Founder & CEO, INTEGRITY Security Services
- Mark Scanlan, Global Industry Business Architect & Cybersecurity Strategist, Cisco

**Moderator:** Nick Roethel, Director of Technology Services, Metropolitan Transportation Commission (MTC)
2:15 pm – 2:30 pm  Networking Break

2:30 pm – 2:45 pm  U.S. DOT Remarks by Ken Leonard, Director, ITS Joint Program Office

2:45 pm - 3:45 pm  The Federal Perspective
In recent years, many Federal agencies have taken on a leadership role in cyber security either to protect key federal government assets or to support key industries and local governments in protecting their critical assets. This involvement ranges from the development of specific tools and procedures, providing direct technical support and funding, and establishing necessary legislation and regulations to improve cyber security. This panel will include leaders from key Federal agencies actively involved in cyber security to discuss various federal initiatives and policies of interest to the Transportation community.

- Christos Papadopoulos, Program Manager, Physical & Cyber Security Division, Department of Homeland Security (DHS) Science and Technology Directorate (S&T)
- Steve Sill, ITS Architecture and Standards Program Manager, ITS Joint Program Office, U.S. DOT
- James St. Pierre, Deputy Director - Information Technology Laboratory, NIST
- Norma Krayem, Sr. Policy Advisor and Global Chair, Cybersecurity and Privacy Policy and Regulatory, Holland & Knight

Moderator: Doug Couto, Public Sector Consultant

3:45 pm – 4:00 pm  Closing Remarks

4:00 pm - 5:00 pm  Networking Reception