

SICOP Update

2016 SCOM – MO TWG
July 17-21, 2016

SICOP Current Events

- ❄ 3 new Steering Committee members
- ❄ Adopted Operating Guidelines for the Steering Committee
- ❄ New fact sheet for SICOP – Invoices for FY17
- ❄ Reworked the website <http://sicop.transportation.org>

What's in it for me?

National representation for winter maintenance

- ❄ Other AASHTO Committees
- ❄ Other consortia
- ❄ TRB
- ❄ Media & others

What's in it for me?

3-Year Strategic Winter Maintenance Program

- ❄ Identified gaps and issues in winter maintenance
- ❄ SICOP member state driven
- ❄ Program accountability
- ❄ Transparency

What's in it for me?

Flagship Products

- ❄ RWIS/Anti-icing Computer Based Training suite
- ❄ Snow – Ice List Serve
- ❄ Peer Exchange co-sponsor

What's in it for me?

Winter Maintenance Resource

- ❄ Rapid response to information gathering
- ❄ Short surveys
- ❄ Facilitate information exchange & Technology Transfer

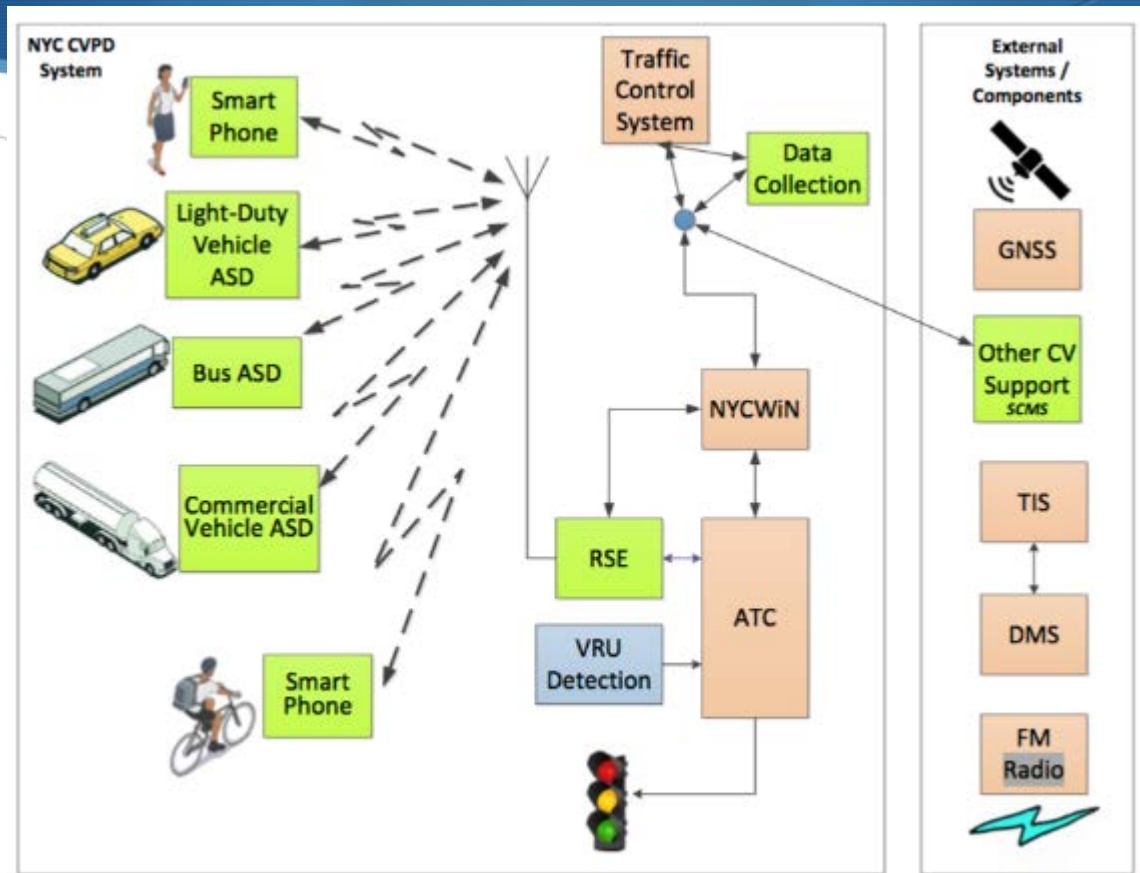
CV PFS / PIARC

- ❄️ Advanced Technology for Data Collection and Information to Users and Operators
- ❄️ Transportation System Management During Winter Events
- ❄️ FHWA Pilots – WY, NY City, Tampa

CV PFS / Tampa

- ❄ Six Use Cases
 - Morning Backups And Congestion
 - Wrong-Way Entries
 - Pedestrian Safety
 - Transit Signal Priority Optimization And Safety
 - TECO Line Streetcar Conflicts
 - Enhanced Signal Coordination And Traffic Progression

CV PFS / NYC



Source: NYCDOT

CV PFS / WY

- ❄ Manage following speed and distance between vehicles by alerting trucks to slowing traffic ahead to prevent multiple-vehicle crashes.
- ❄ Provide custom alerts and advisories for vehicles that are at risk due to their weight, profile or traveling speeds due to high-winds, near work zones, include alerting drivers if their vehicles are too tall for bridges.
- ❄ Provide location-based parking information with a focus on directing drivers to safe parking areas in the event of a road closure.
- ❄ Allow first responders to be notified of a crash automatically based on vehicle metrics, such as airbag deployment.
- ❄ Use data collected from vehicle's weather sensors such as the status of windshield wipers and if anti-lock brake systems