

TIS Web Summit

Improving Safety - Implementing New Travel Information Services for **Commercial Vehicles**

March 2022

Thanks to those who participated in the Web Summit: Improving Safety - Implementing New Travel Information Services for Commercial Vehicles on March 17, 2022. Please click on the links below for more information about the event or visit the TSMO section of the website (<u>https://tetcoalition.org/projects/tsmo-events-webinars/</u>) on the Travel Info Events tab.

Slides Only

Presentation with Audio

Demonstration

Vehicle Alerts

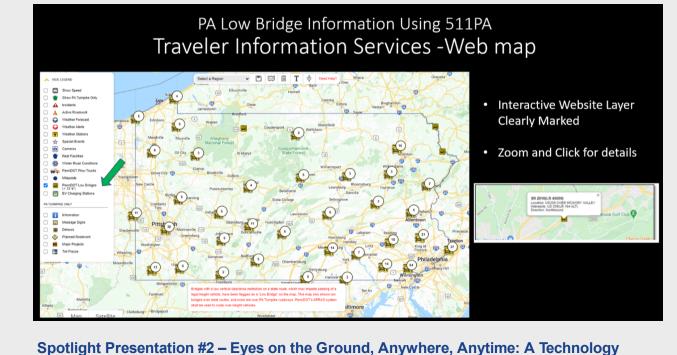
Question & Answer Summary

Ryan McNary of PennDOT discussed their experience in publishing their low bridge

Spotlight Presentation #1 – Raising the Bar in Pennsylvania on Low Bridge Information

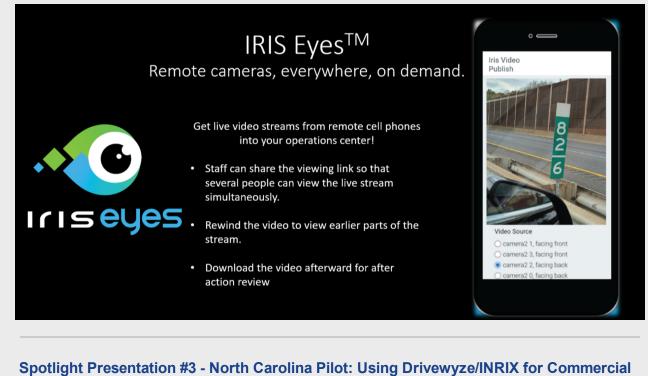
information on the public-facing 511PA. This was a multi-year process that culminated in 2020. The availability of this information and the success story is an example for other states. Since the start of the program, there have been a minimum of 500 layer activations (visits to this data layer) per month and there were over 2,000 activations in January 2022 alone. Mary Farrell of Information Logistics, Inc., responsible for the rollout, provided additional

context and lessons learned, including common sources for bridge data, where the data could or should be published, and what kinds of trucks are common in bridge strikes. In response to a question, she noted that there are opportunities to target information toward truck rental companies and RVs, a subset of vehicles that are at risk for bridge strikes but don't have CDL requirements for drivers.



John Farrell of Information Logistics, Inc. demonstrated IRIS Eyes, a lightweight live video streaming service that allows an authorized DOT operator in the field to send real-time video

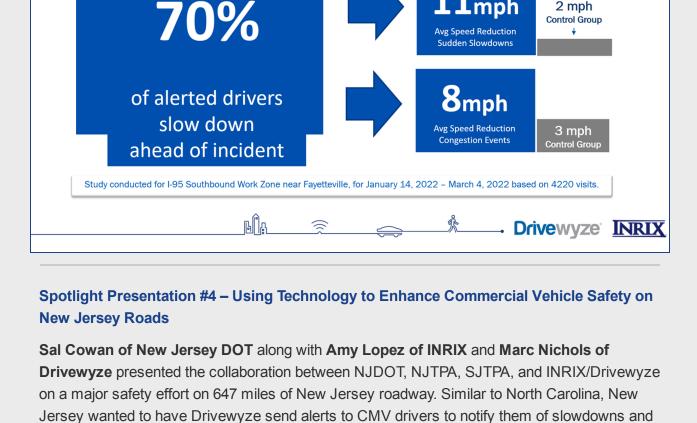
back to an operations center via smartphone. This application can prove invaluable to gain visual access in areas without direct stationary camera coverage.



(CMV) safety alert effectiveness via Drivewyze and INRIX data. Drivewyze can alert CMV drivers of slowdowns and congestion events. North Carolina DOT wanted to study the effectiveness of these alerts. The study showed that during a crash on I-95 Southbound, CMV

Kelly Wells of North Carolina DOT presented a study they did on commercial motor vehicle

drivers who were alerted reduced speeds by 8-11MPH compared to 2-3MPH in a control group of drivers who were not notified. Drivewyze users in NC have been issued 50,000 alerts to date. CMV Safety Alert Effectiveness Study Preliminary results show that alerts do positively impact driving behavior relative to drivers not alerted.



warnings in NJ and 10 other states. 4800 alerts were sent to CMVs along 1956 miles of roadway in each state over a 30-hour period to warn drivers of weather-related closures and congestion. "Major Winter Storm Alert" Drivewyze Commercial Vehicle Alerts

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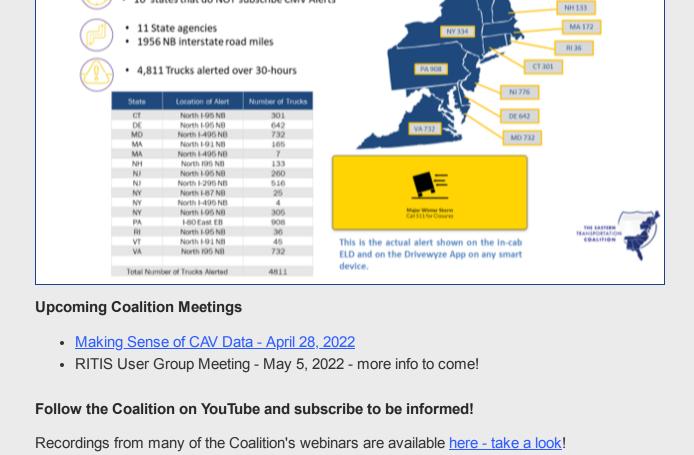
The deployment's effectiveness was demonstrated during Winter Storm Kenan (a Nor'easter) in

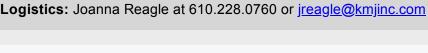
congestion along major corridors and were able to go live on all corridors by October 2021.

January 2022 when, at NJDOT's request, INRIX/Drivewyze quickly responded to deploy

· 11 states activated 2 1/4 hours after initial request

10 states that do NOT subscribe CMV Alerts





Questions or Comments: General Coalition: Denise Markow at 301.789.9088 or dmarkow@tetcoalition.org



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