

CONNECTING YOU WITH TEXAS - TECHNOLOGY

February 11, 2020



CONNECTED MOBILITY ECOSYSTEM

Integrated Technology Platform

- Technology neutral
- Interoperable
- Scalable
- IOT Cloud, Fog, Edge computing



Corridor Management

- Data driven predictive analytics for automated incident management
- Smart Columbus

V2I Road Safety

- Congestion and End of Queue Warning
- USDOT CV Pilot Tampa



Location Based Services

- Driver-relevant travel data
- USDOT CV Pilot Wyoming



Work Zone Safety

- Smart Corridor 33, OH



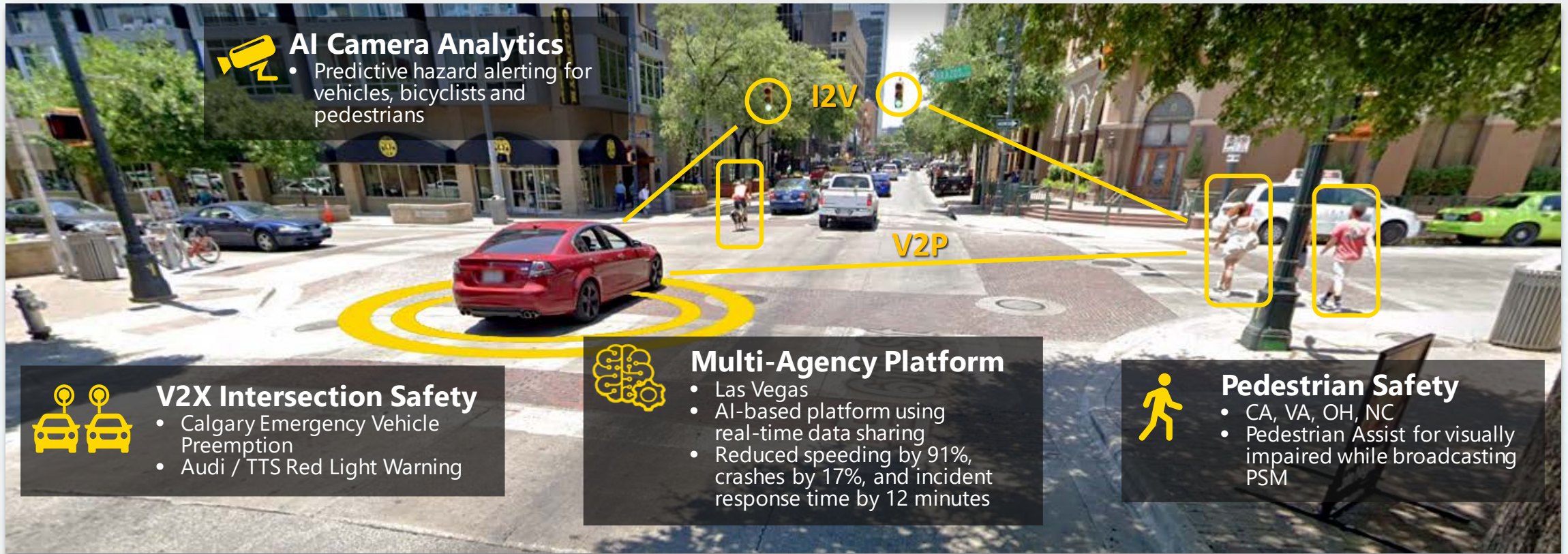
V2V Road Safety

- Collision-warning
- UMTRI





CONNECTED URBAN TRANSPORT



AI Camera Analytics

- Predictive hazard alerting for vehicles, bicyclists and pedestrians



I2V



V2P



V2X Intersection Safety

- Calgary Emergency Vehicle Preemption
- Audi / TTS Red Light Warning



Multi-Agency Platform

- Las Vegas
- AI-based platform using real-time data sharing
- Reduced speeding by 91%, crashes by 17%, and incident response time by 12 minutes



Pedestrian Safety

- CA, VA, OH, NC
- Pedestrian Assist for visually impaired while broadcasting PSM