

Transportation Interim

September 18, 2024

Autonomous Vehicles and Emerging Technologies

Autonomous and Connected Technology

- **Why does it matter?**
 - Zero Fatalities: Safety sooner
 - Optimize Mobility: Signal preemption (snow plows, bus schedules), future capacity
- **What is it?**
- **Where are we now?**
- **Where are we going?**

Why does connected technology matter?

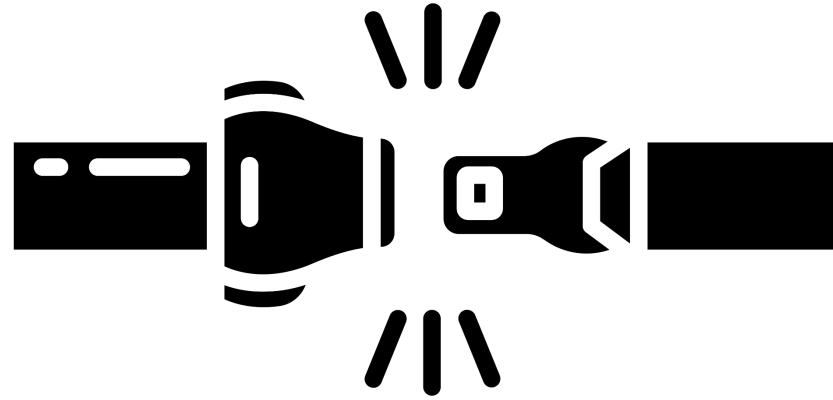
Safety Sooner

zero[®]
Fatalities

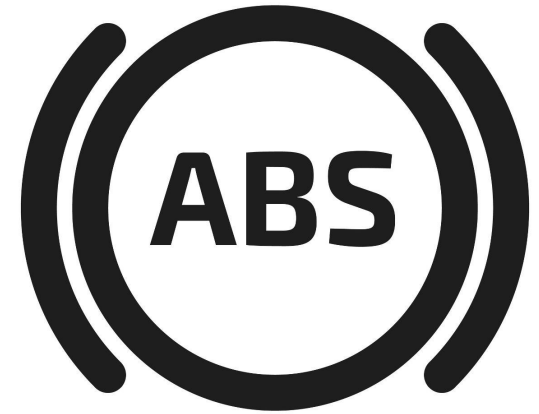
Why does connected technology matter?



Air Bags

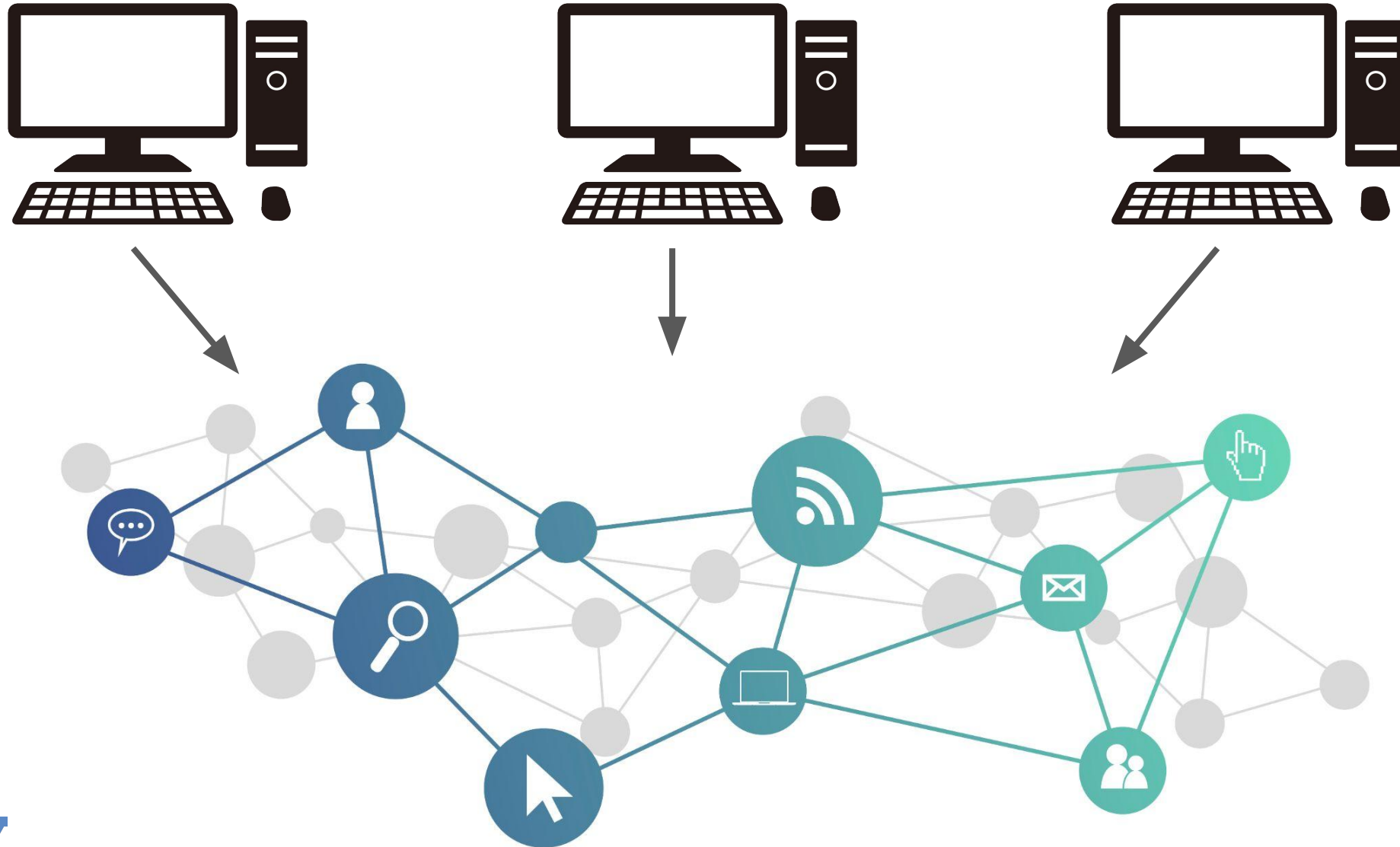


Seat Belts

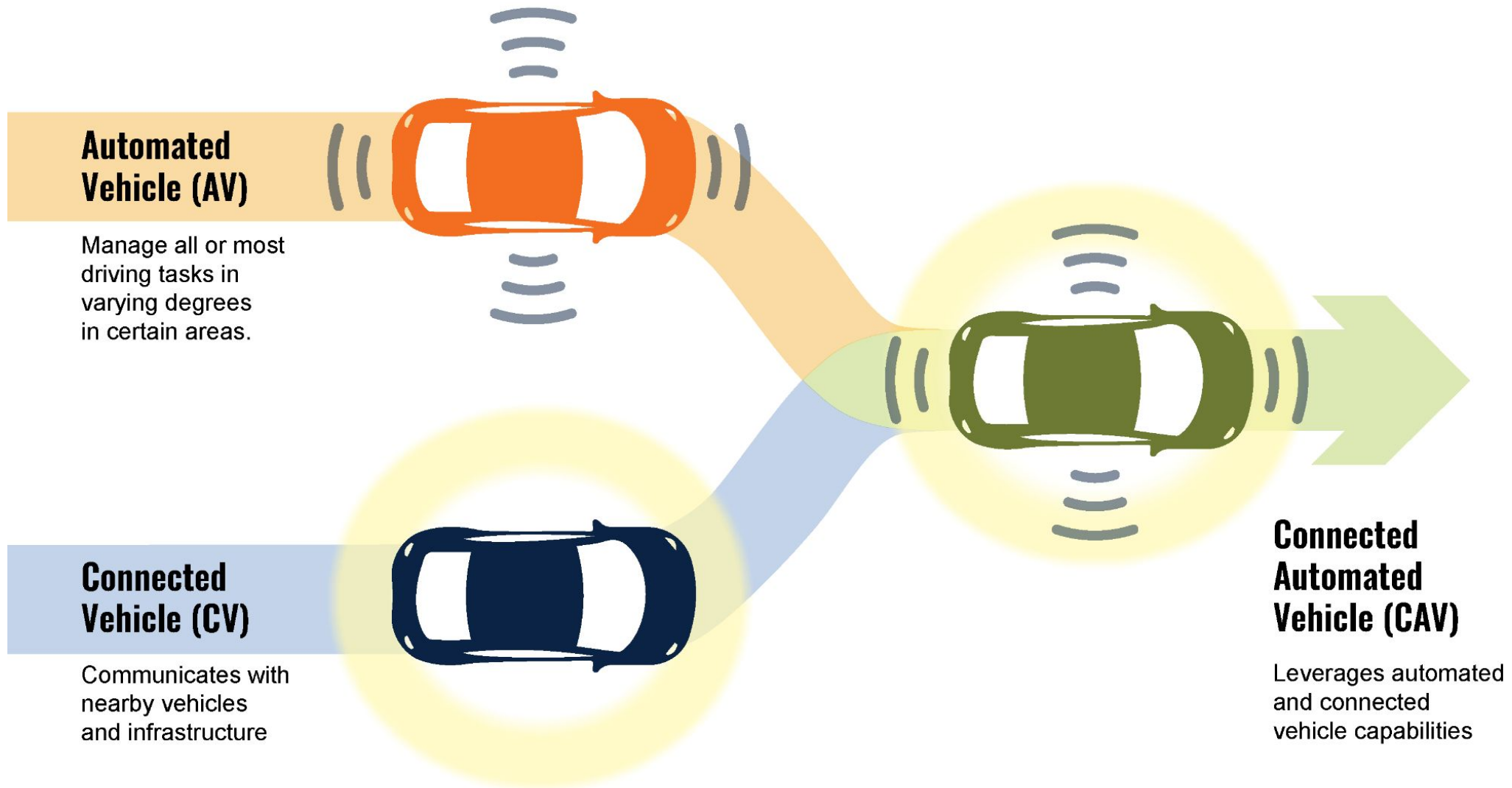


Anti-Lock
Braking Systems

What is connected vehicle technology?



What is connected vehicle technology?



Where have we been and where are we going?

- Legislature passed comprehensive automated vehicle legislation in 2019
- Panasonic partnership
 - Connected vehicle technology ecosystem
- Signal preemption for snow plows and UTA busses . . . and beyond
- \$20 million federal grant for V2X Deployment: Connecting the West

