

Florida AV Summit

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Insurance... Paving the Road for AV Deployment

AV Data

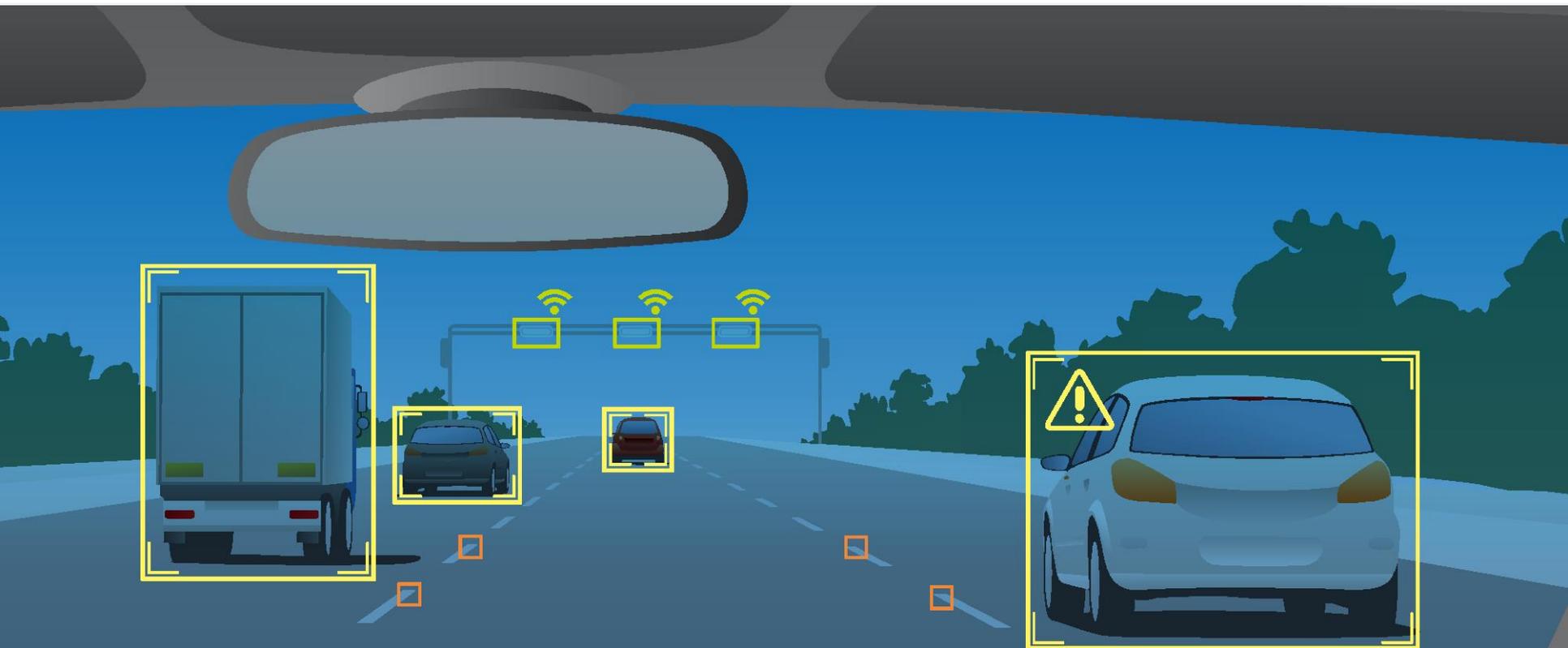
Insurance Policies

AV Regulation

Specialized Agent

Business Operations	
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Why Munich Re cares about autonomous vehicles



In 2016 in the US

Over 90% of vehicle accidents are attributed to human error



\$432.5* billion crashes (12% increase)



4.6 million injuries (7% increase)



40,200 fatalities (6% increase)



4,067** fatalities involving trucks

*cost of motor-vehicle deaths, injuries and property damage

**2015 statistic

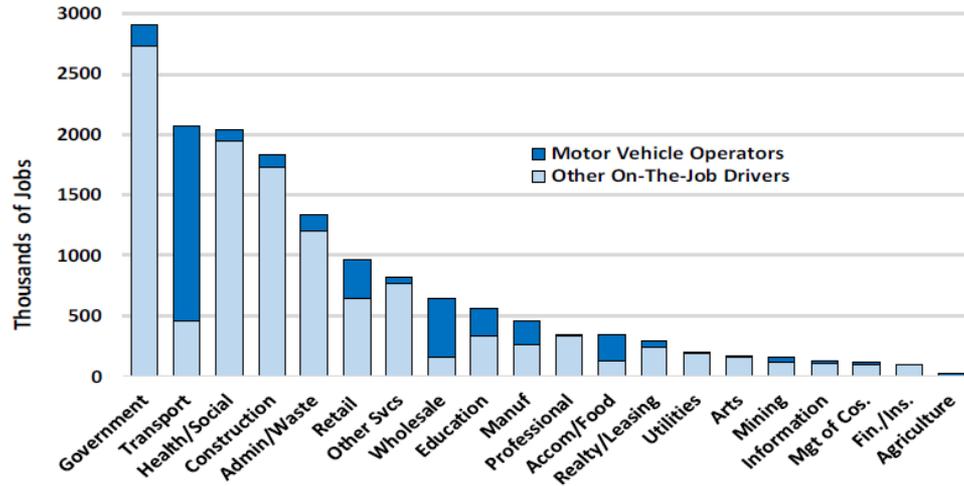


- 31% of disabled people report insufficient access to transportation
- Underserved markets such as disabled or low-income persons – unprecedented access to transportation
- Aging baby-boomer population able to keep independence
- Disabled advocates major voice in passing legislation to allow autonomous vehicles



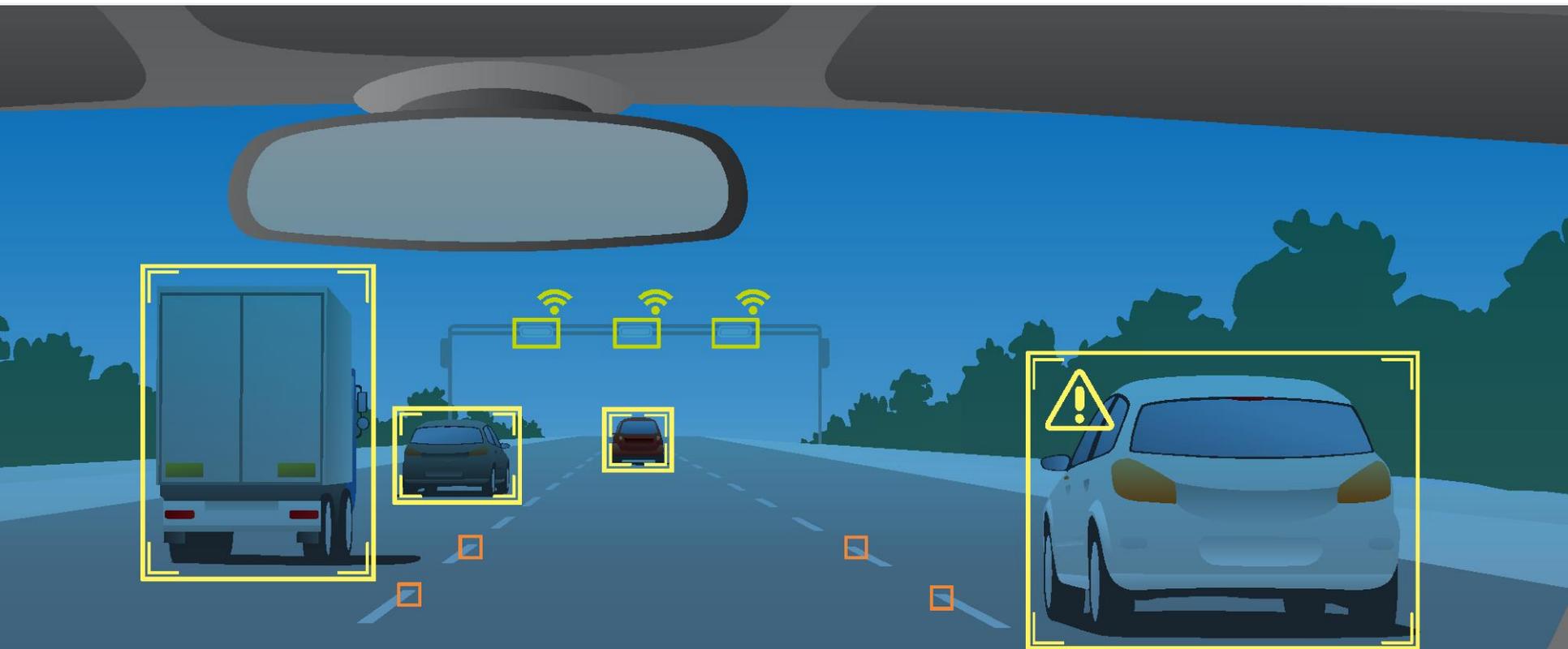
- Increase in comfort with shared mobility (pooling), and electrification of cars has the potential to dramatically reduce emissions
- AV could accelerate the adoption of electric vehicles
- Does charging time matter when a vehicle self-charges?
- Cars could be programmed for optimal fuel efficiency – 10% improvement expected

Driving Related Jobs by Industry

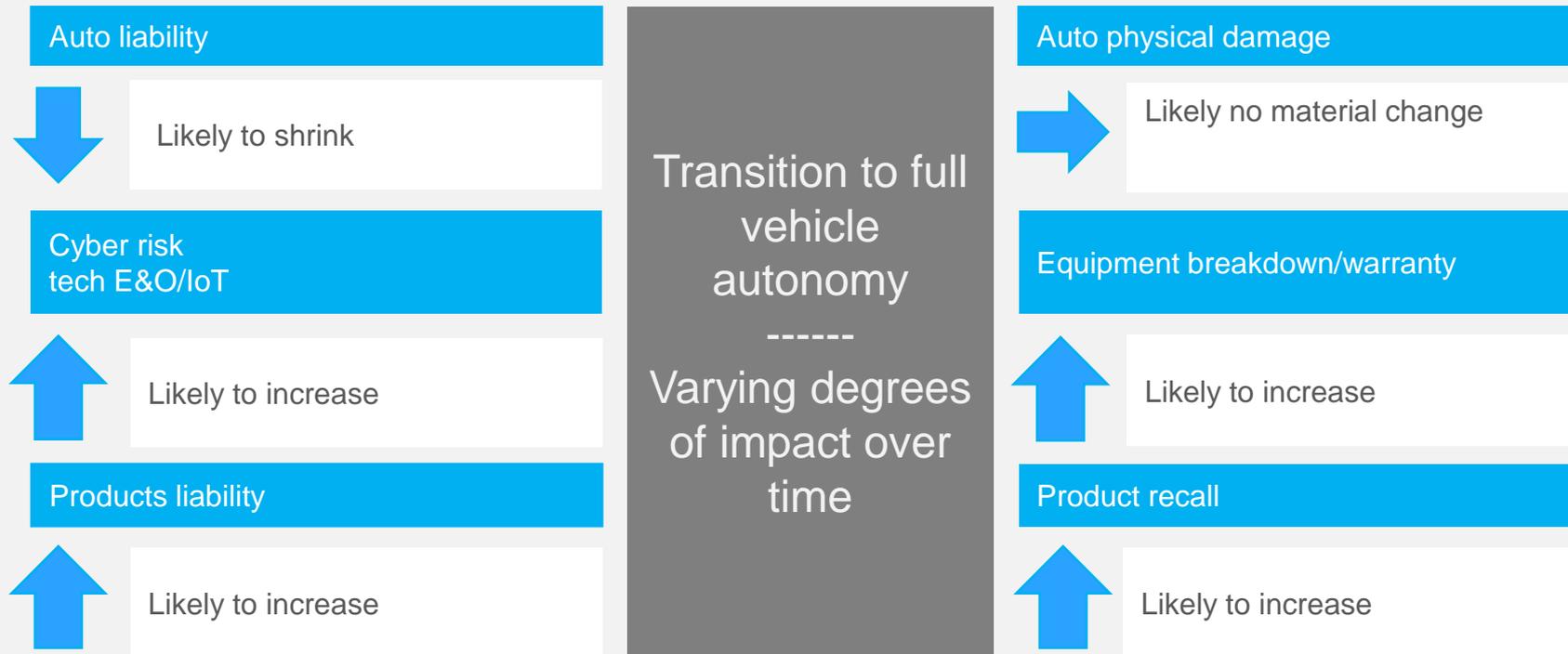


- Many jobs and industries will need to pivot and some will cease to exist
- New revenue opportunities will favor those companies that pivot to meet customer demand
- New industries and jobs will be created

Insurance impacts of autonomous vehicles



Potential shifts in liabilities and premiums

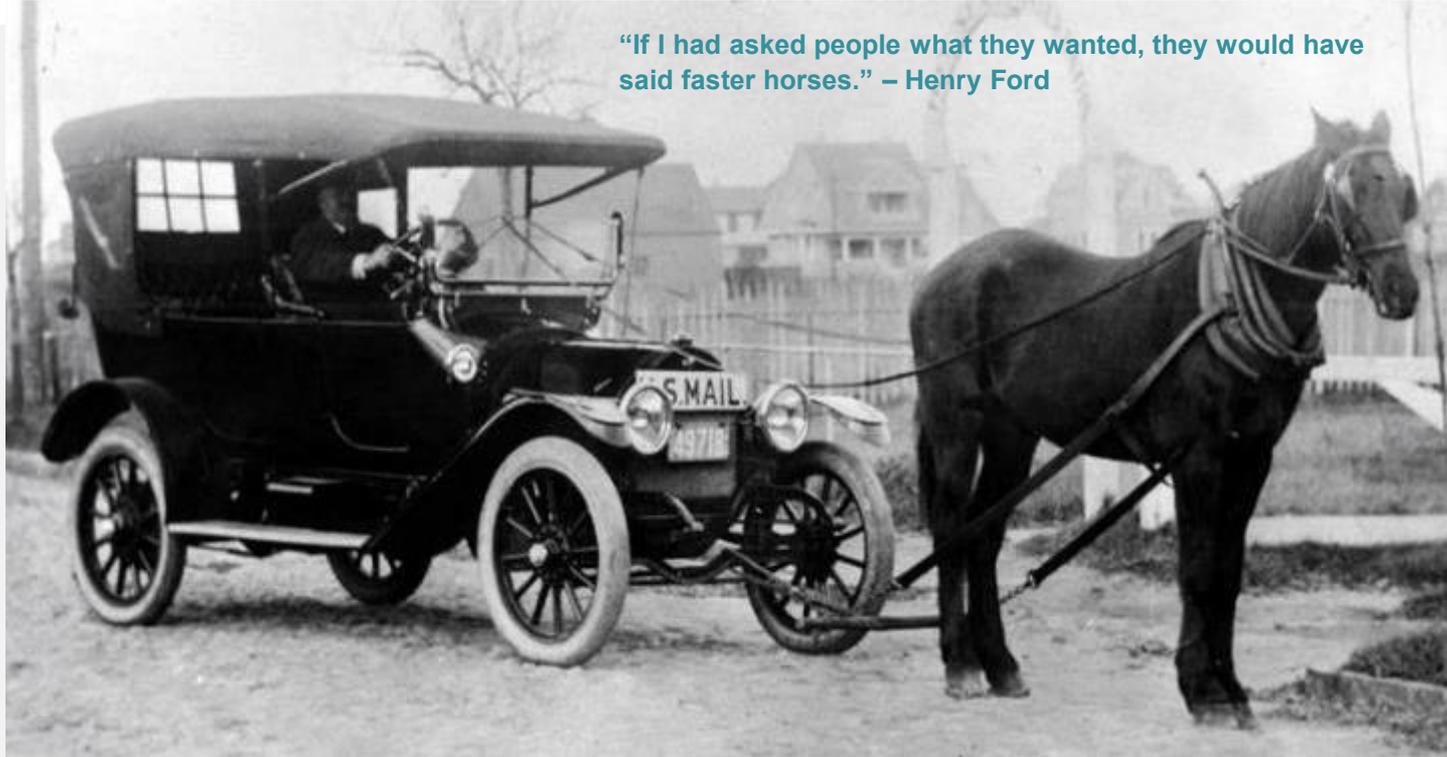


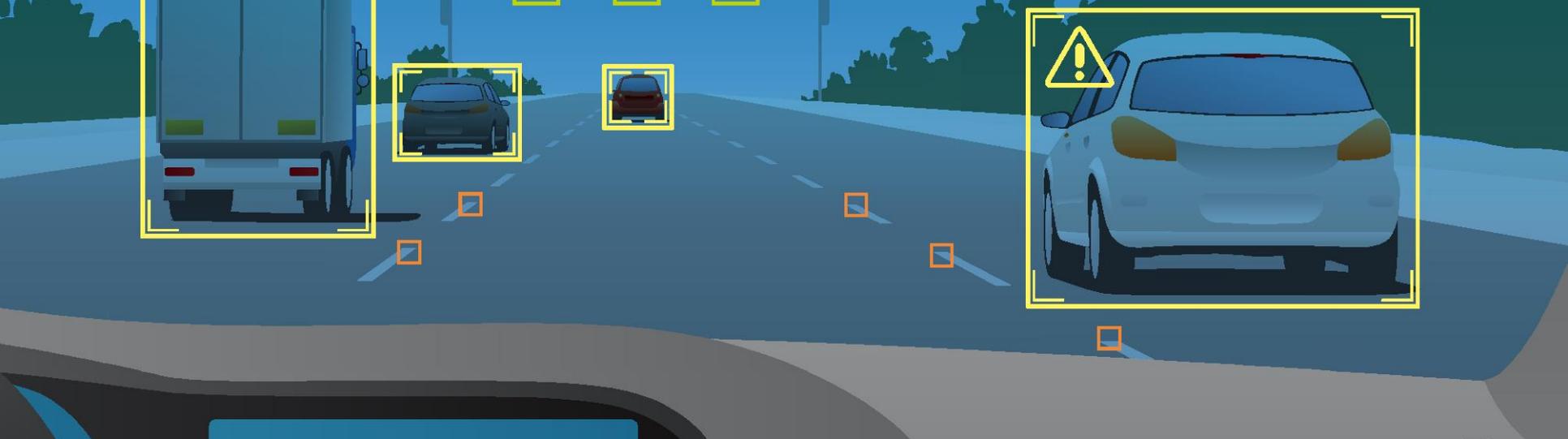
Looking ahead

- Liability shifts from driver to manufacturers and technology companies
- Auto physical damage, cyber, products warranty may grow
- Exposures will be more complex – cyber/software, car manufacturer, driver
- Coverage issues will emerge and take time to evolve and stabilize
- Telematics use will grow – continue the progress towards individual ratemaking
- Insurance industry should understand the issues; be prepared to adjust and innovate



Impact - risk or opportunity?





Thank You For Your Attention

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