

Artificial Intelligence's Impact on the Trucking Industry

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Artificial Intelligence's Impact on the Trucking Industry

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IN-CAB MONITORING

- GPS
- ELD's
- Dashcam
- Collision Avoidance Systems
- Telematics & more!

FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION

- Safety Measurement System (SMS)
- Pre-Employment Screening Program (PSP)
- Drug & Alcohol Clearinghouse
- Motor Carrier Safety Planner & more!





Key factors influencing truck insurance costs:

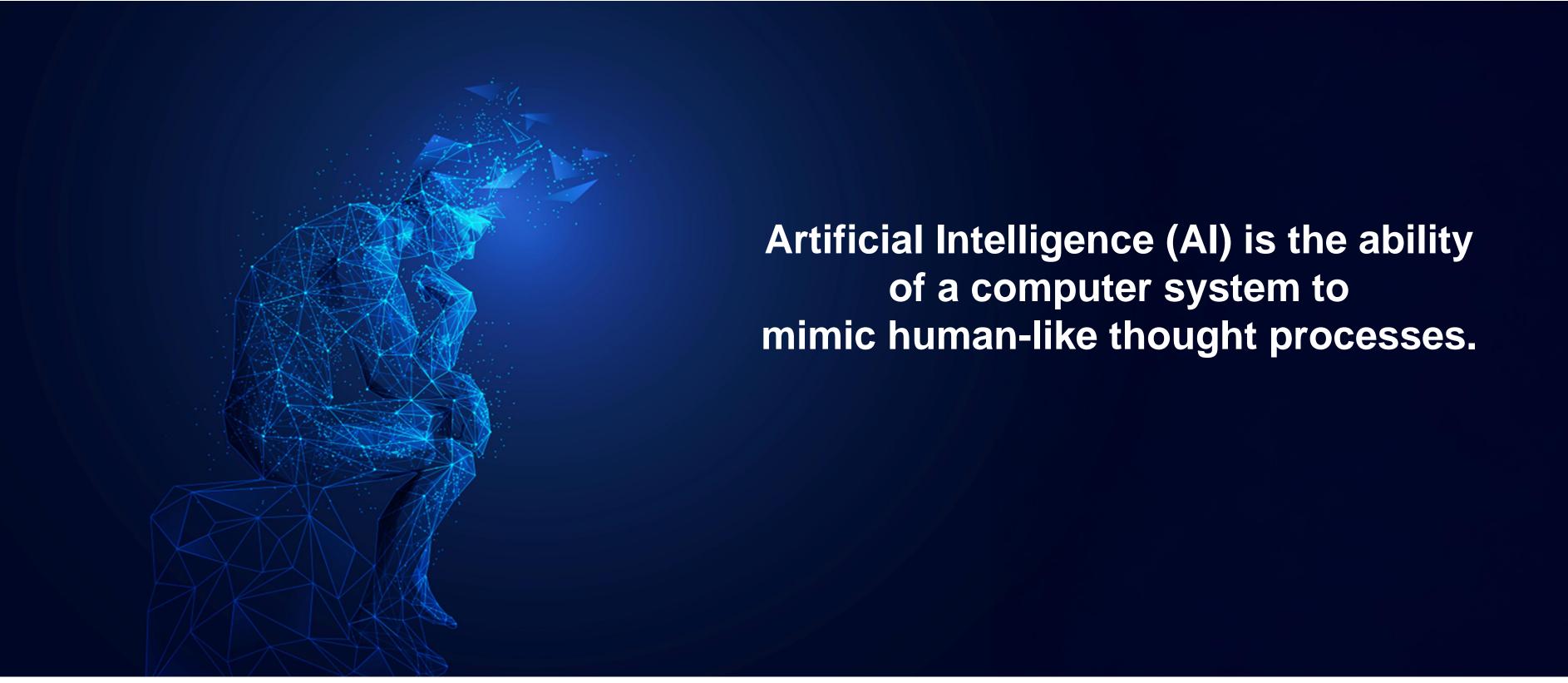
- Vehicle type: Size, age, and condition of the truck
- Cargo type: Whether the cargo is considered hazardous or high-value
- Driver history: Accident and traffic violation records
- Operating area: Traffic density and geographic location
- Coverage level: The amount of liability coverage selected
- USDOT authority: Whether the truck is registered with the Federal Motor Carrier Safety Administration
- Performance History: To include SMS violations & Loss Runs
- Technology: Driver monitoring, crash mitigation, etc.

- Driver behavior
- Real time assessments
- Fatigue monitoring
- Distracted driving alerts
- Traffic + weather conditions
- Driver coaching
- Driver score cards



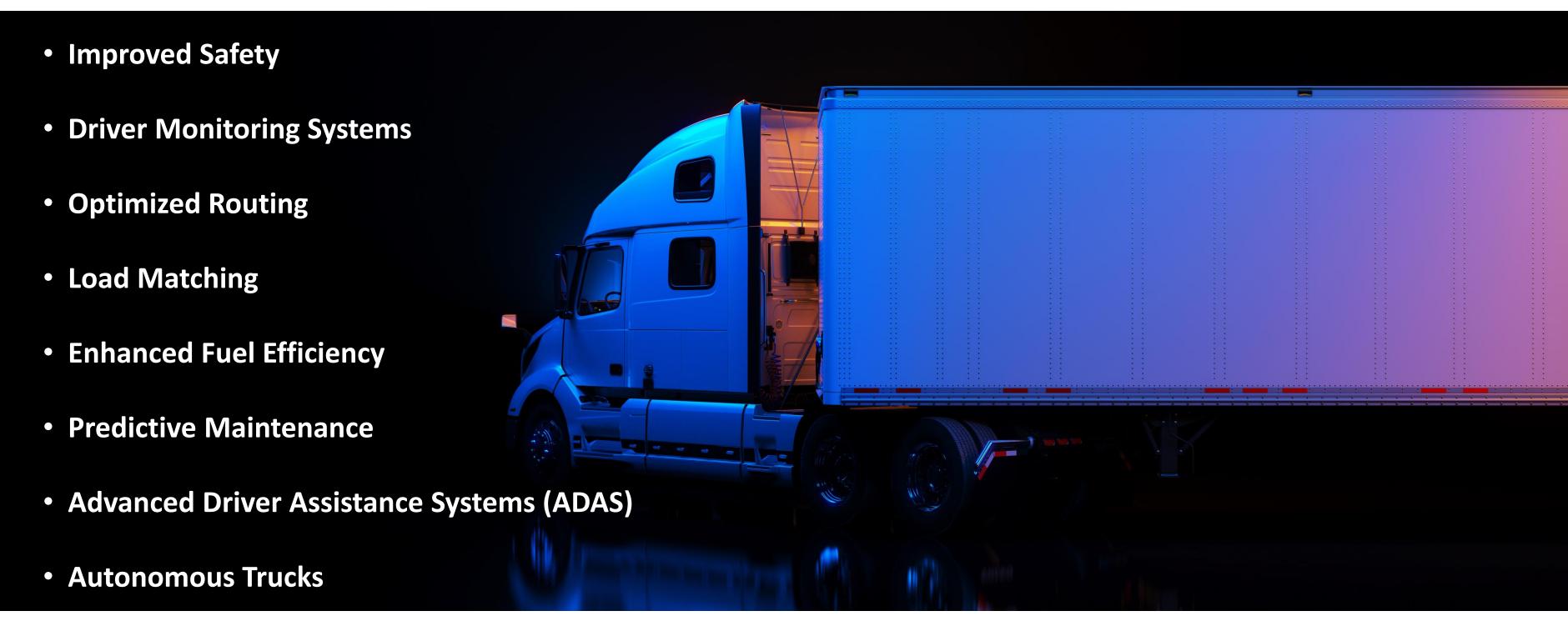
Risk Tolerance & Culture



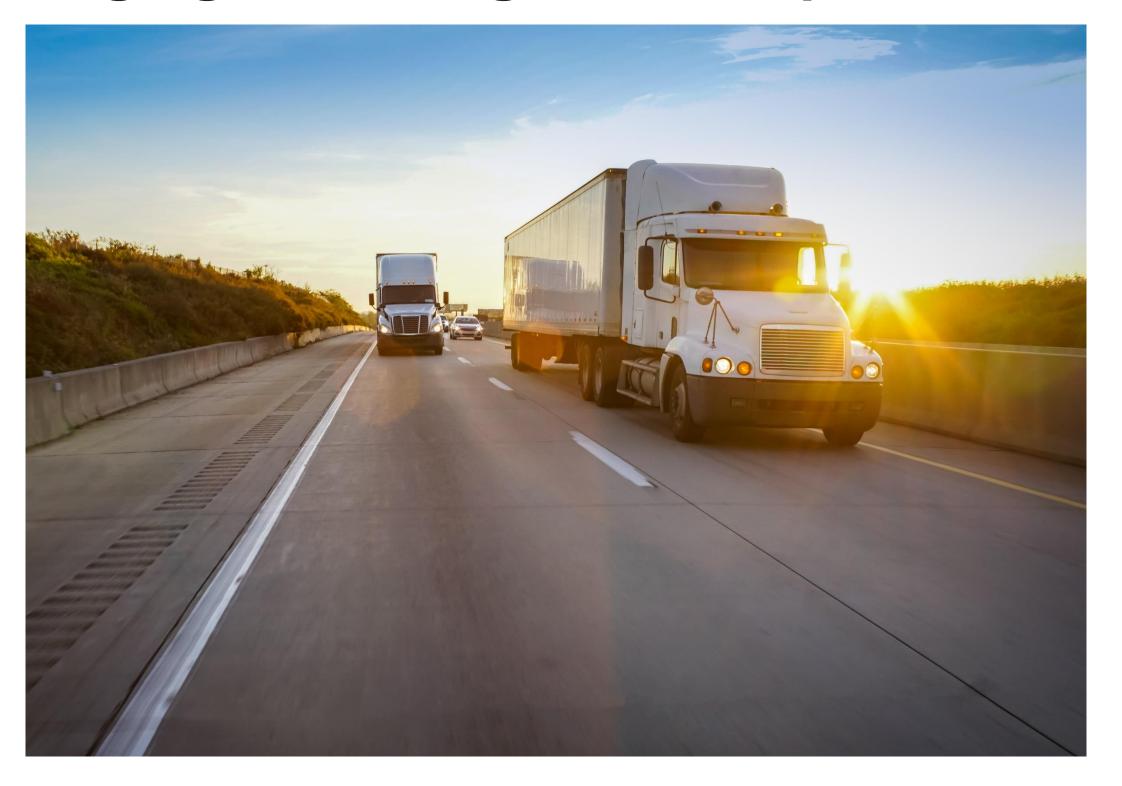


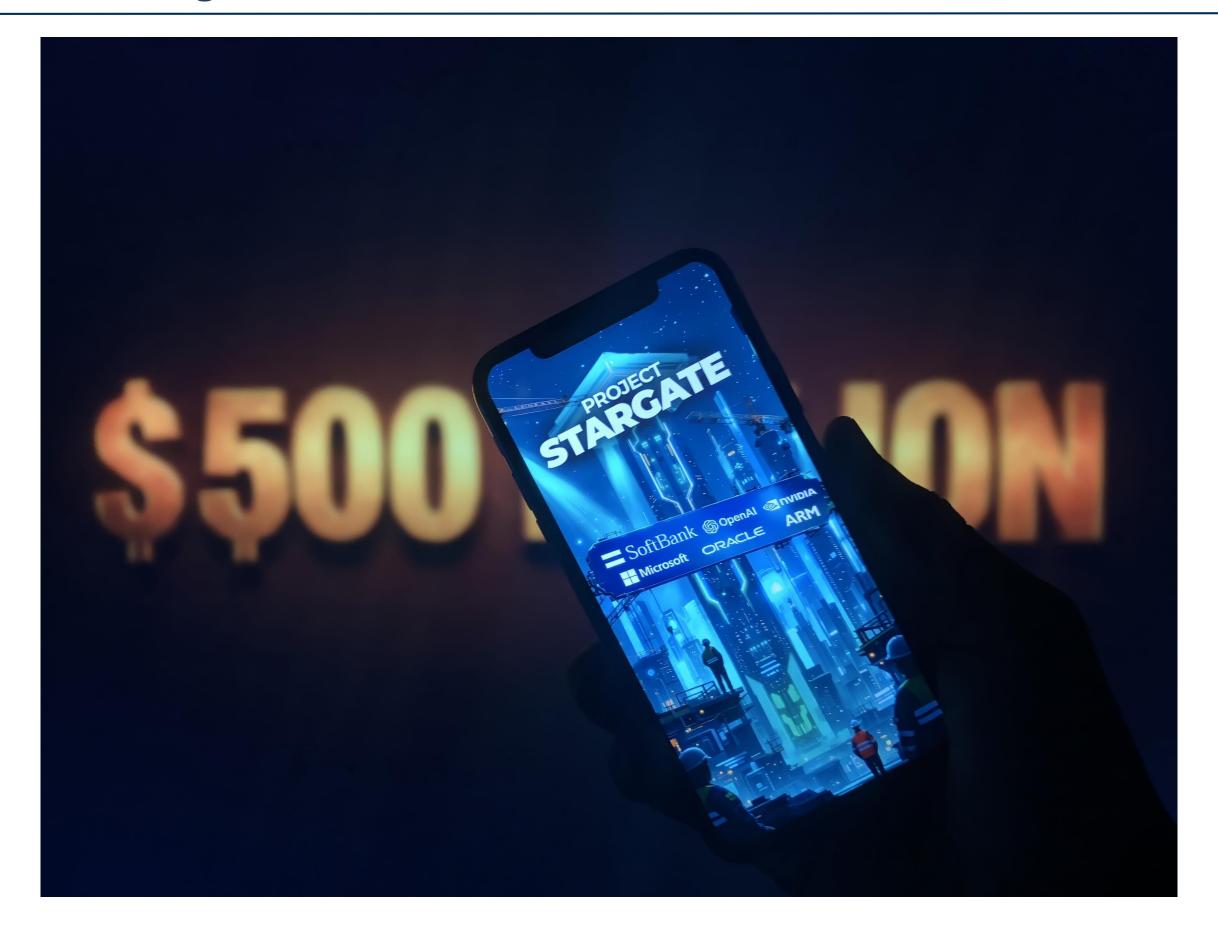


Al is transforming the trucking industry



How emerging technologies will impact trucking claims







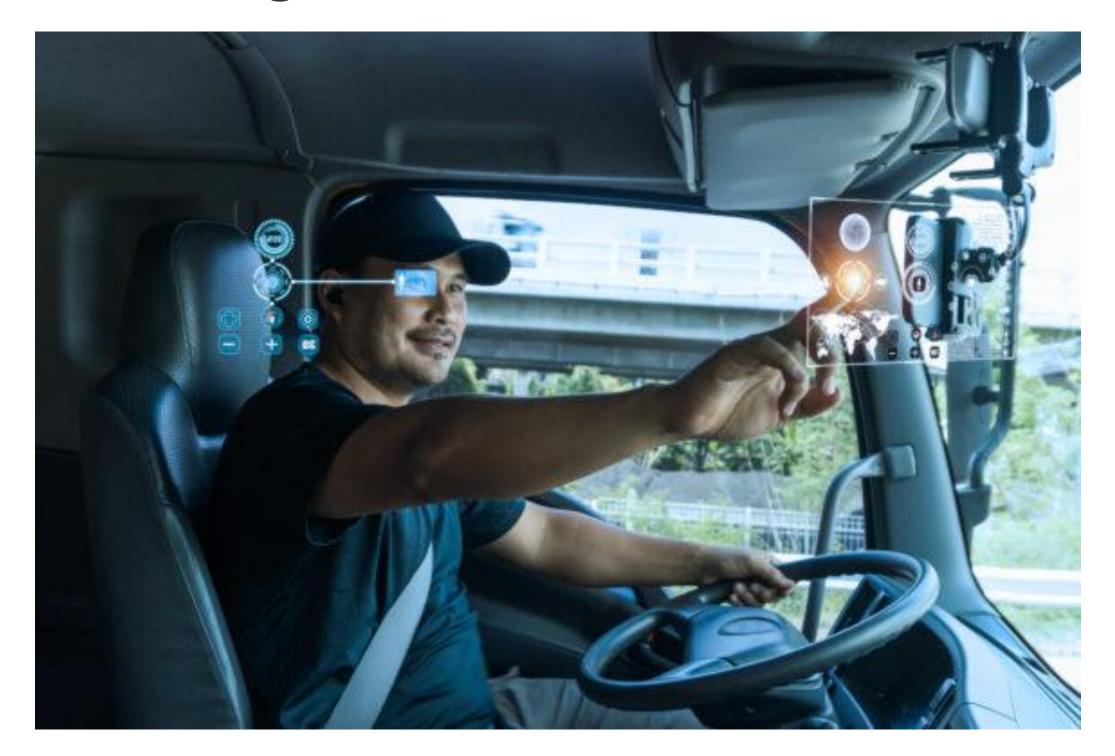
Pennsylvania Energy and Innovation Summit to Showcase More Than \$90B In Investments For Commonwealth

BY STEVE ULRICH JULY 15, 2025

Artificial Intelligence (AI) in Risk Assessment



How Generative AI Could Steer Commercial Trucking Insurance in New Direction





Alerts & Coaching

Accurate Al and a positive approach engages and retains drivers





Improving safety increases fleet ROI



Aurora Begins Commercial Driverless Trucking in Texas, Ushering in a New Era of Freight



Aurora's self-driving trucks hit the road in Texas (credit: Aurora)







QUESTIONS?



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THANK YOU FOR JOINING US!