

# AI-Powered Fleet Safety Solutions

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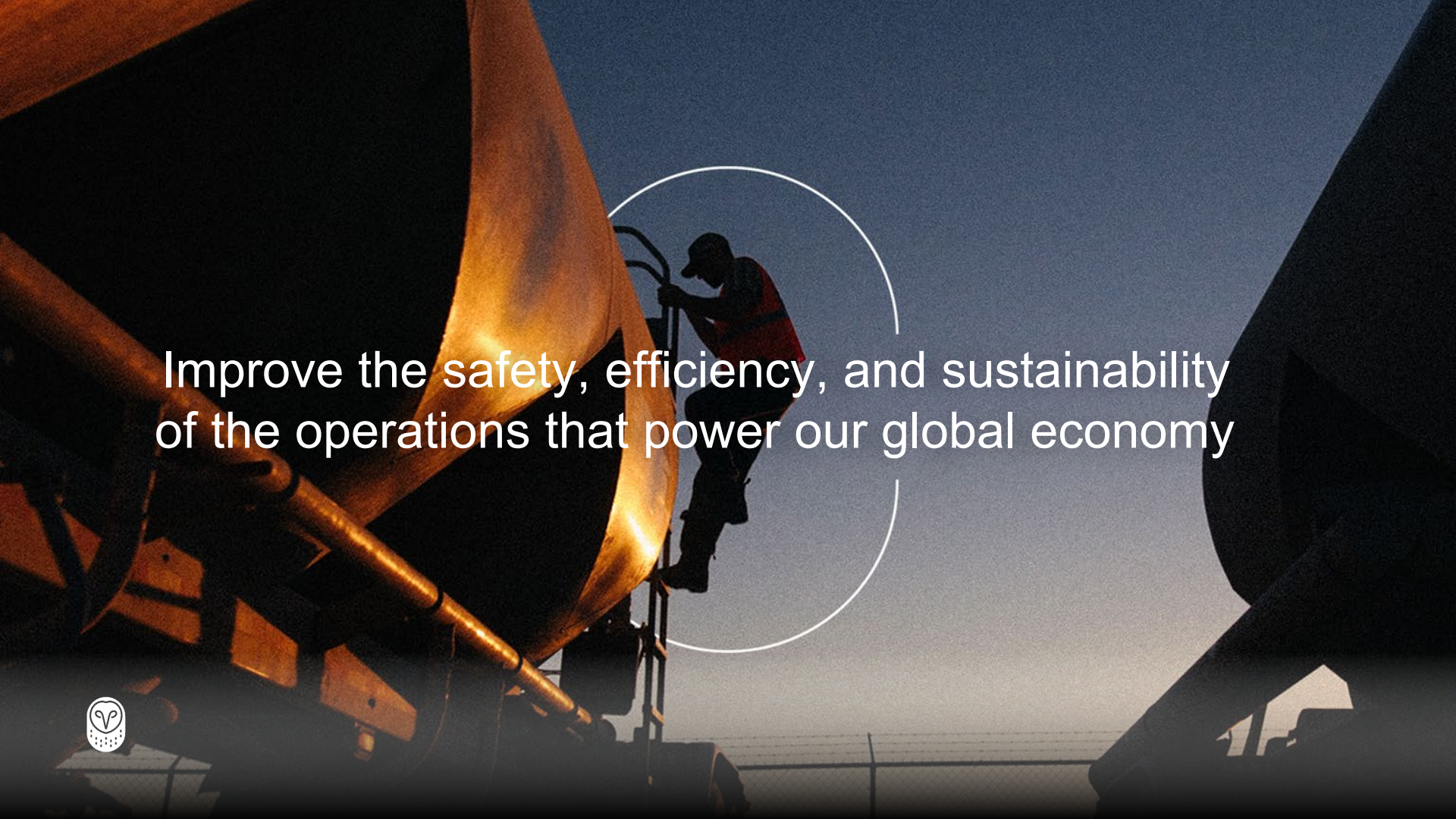


July 2026

# Modernize Public Sector Operations with Technology and AI

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Improve the safety, efficiency, and sustainability  
of the operations that power our global economy



A blurred semi-truck is driving away from the viewer on a wet highway during a rainstorm. The road is wet and reflective, with white lane markings. The sky is overcast and grey. The text "20% of the riskiest drivers are responsible for 80% of all accidents" is overlaid in white. The truck is a white semi-trailer with a red cab, and its lights are visible. The background shows a grassy field and a distant horizon.

**20% of the riskiest drivers**  
are responsible for 80% of all accidents

\*FMCSA

# Costs of accidents are skyrocketing

**\$340B**

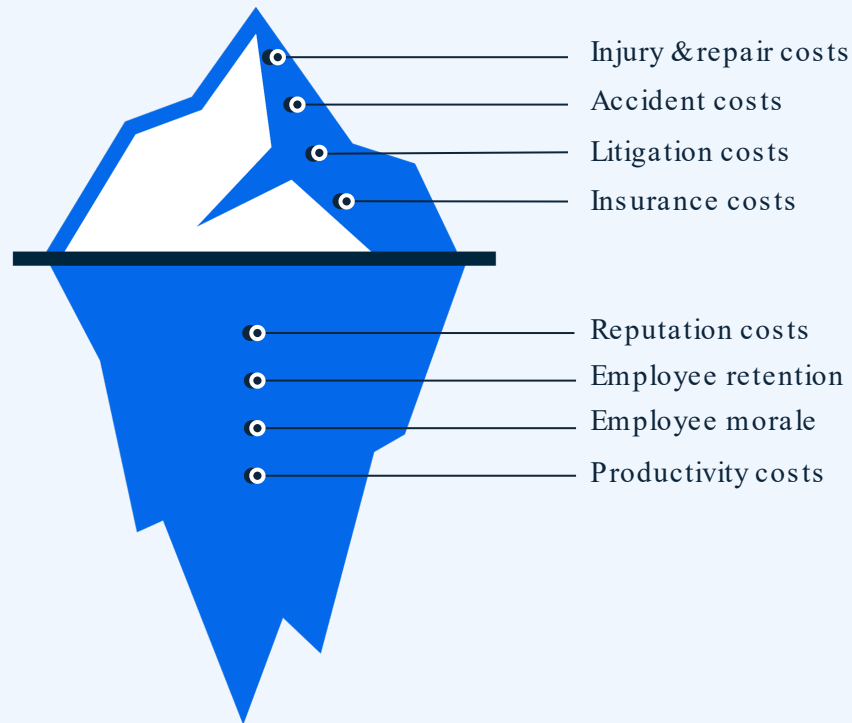
Estimated annual economic cost of crashes <sup>1</sup>

**13%**

Estimated annual increase in insurance premiums <sup>2</sup>

**\$21M**

Estimated median nuclear verdict in last decade <sup>3</sup>



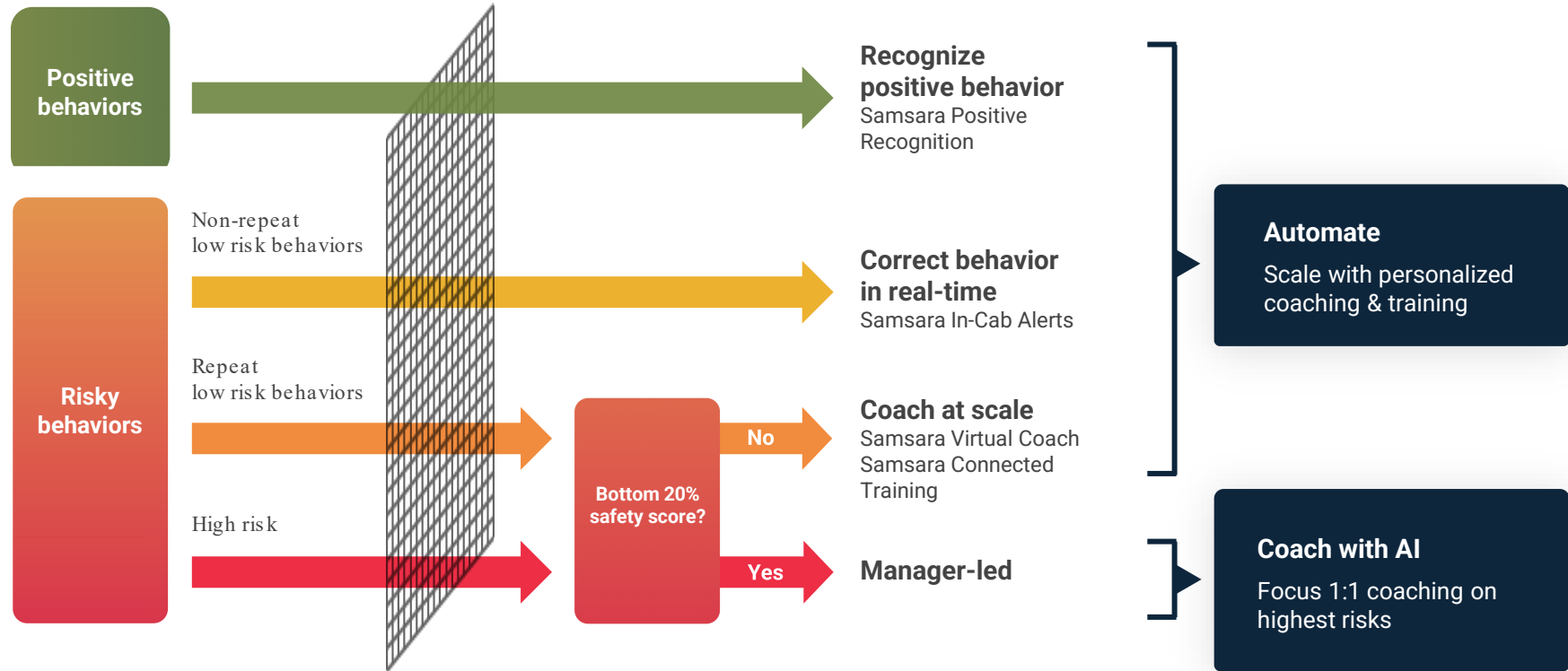
<sup>1</sup> ["The Economic and Social Impact of Motor Vehicle Crashes, 2019"](#) National Highway Traffic Safety Administration

<sup>2</sup> ["2024 Analysis of the Operational Costs of Trucking"](#) American Transportation Research Institute

<sup>3</sup> ["Nuclear Verdicts: An Update on Trends, Causes, Solutions"](#) US Chamber of Commerce Institute for Legal Reform



# Focus your time on riskiest behaviors & drivers



# Technology Advancement throughout the years



\* Coming CY25

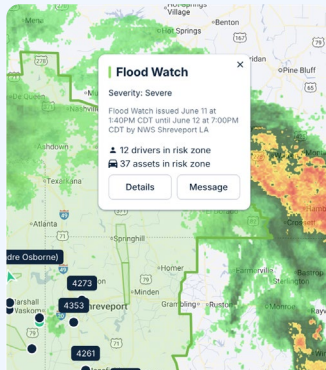
# Advanced safety solutions

See results in weeks with Safety Solutions



## AI Cameras & Risk Detections

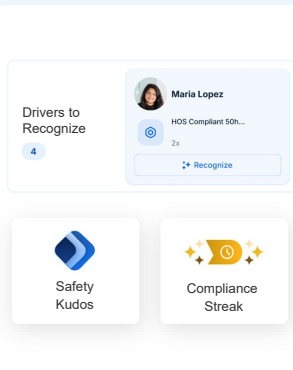
Lower collision rates and vehicle claim costs with industry-leading AI, enabled across inward-facing, dual-facing, and customizable multicam options.



## Weather Intelligence

See real-time ground conditions, auto-adjust safety settings, and alert drivers instantly.

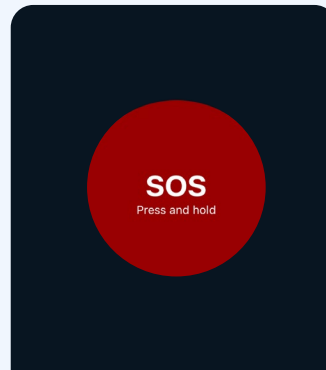
*Only Available from Samsara*



## Automated Coaching & Training

Run a world-class safety program without adding resources or training teams.

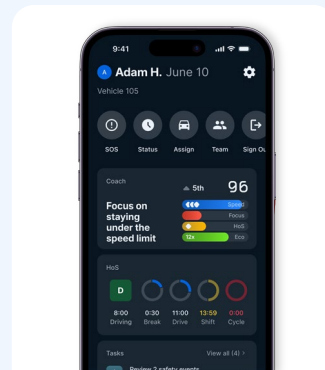
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## Safety Outside of the Cab

Protect workers out of the cab with SOS, check-ins, and fast incident response.

*Only Available from Samsara*



## Trusted Driver Experience

Give drivers a safety experience that keeps them engaged.

*Only Available from Samsara*





# AI-Powered Safety Solutions

# See risks inside and outside of the vehicle

40+ AI Detections

## FATIGUE RISK

Drowsiness\*

## POLICY VIOLATIONS

No Seat Belt\*  
Improper Seat Belt  
Obstructed Camera\*  
Passenger  
Eating  
Drinking  
Smoking

## TRAFFIC VIOLATIONS

Rolling Stop  
Railroad Crossing\*  
Run Red Light

## DISTRACTION RISK

Mobile Usage\*  
Inattentive Driving\*

## HARSH DRIVING

Acceleration\*  
Braking\*  
Turning\*

## COLLISION RISK

Crash\*  
Forward Collision\*  
Following Distance\*  
Speeding\*  
Lane Departure\*  
Roadside Parking  
Vehicle in Blind Spot\*  
Reverse Collision\*  
License Plate  
Recognition

## ROAD CONDITIONS

Construction Zone  
Parking Lot

## WEATHER CONDITIONS

Wet Road  
Raining  
Snowy Road  
Snowing  
Foggy

## VULNERABLE ROAD USERS

Pedestrian\*  
Cyclist/Motorcyclist\*

## DRIVER BEHAVIORS

Defensive Driving

## TRAFFIC CONDITIONS

Congested  
Light Traffic

## VISIBILITY CONDITIONS

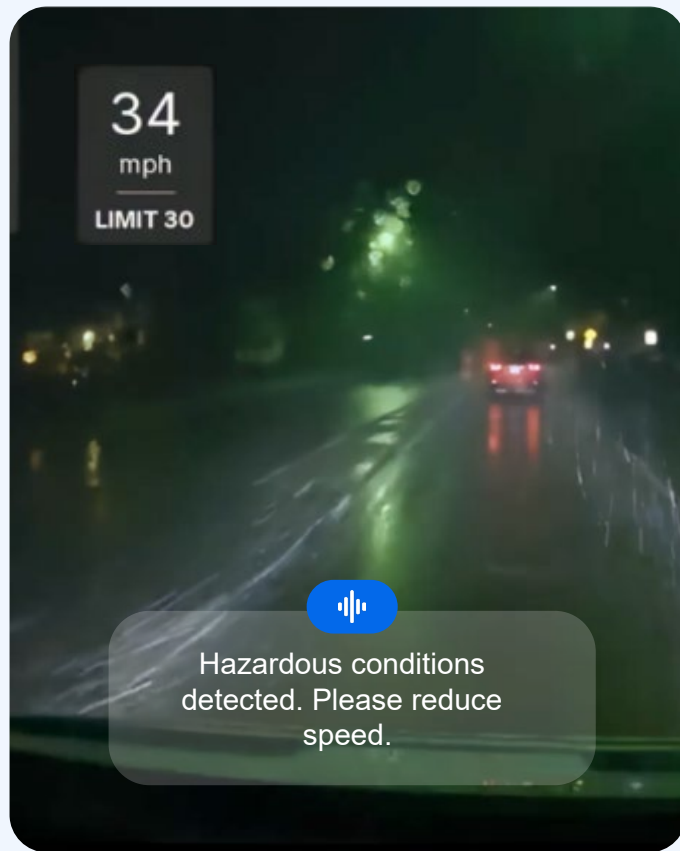
Night time

## EMERGENCY RESPONSE

Emergency lights  
Emergency sirens

## OPERATIONAL

Passenger Left Behind  
Waste Service Verification  
Waste Overfill  
...and more

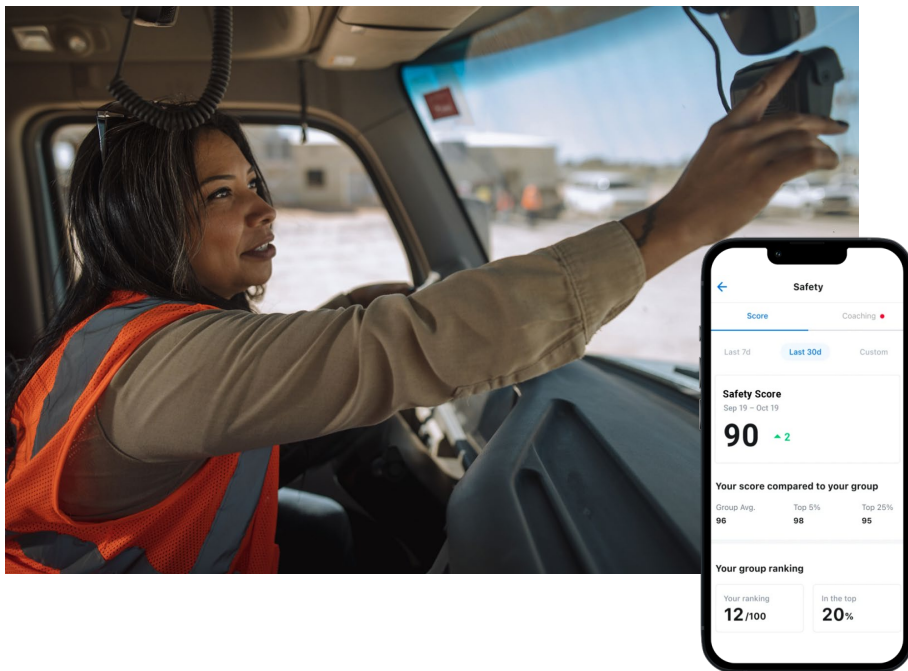


*\*In-cab alerts available*

*Select detections available in beta*



# Dash Cams Purpose-Built for Drivers



- Proactively **alert on high-risk behaviors** via in-cab alerts and In-Cab Nudges™
- **Exonerate drivers** for not-at-fault incidents using video evidence
- Empower drivers to build safe habits using video of drivers' actual driving events
- **Reward drivers** for good driving behavior (i.e. driver of the month)
- Ensure drivers **get home safely**



**IN CAB DETECTIONS**

**"Drowsiness detected. Take a break"**



**POSITIVE RECOGNITION**

**You earned a Kudos for longest streak of Safe Speed**



**AI RISK ANALYSIS**

**Driver slowed safely at crosswalk for pedestrians**

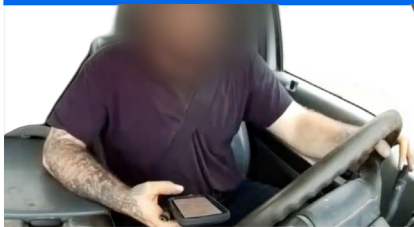
# Safety Settings + In-Cab Alerts enabled

| Feature                                     | Learn               | Detection Setting                                                   | In-cab Alerts        | Nudges         | Alert/Nudge Audio                  |
|---------------------------------------------|---------------------|---------------------------------------------------------------------|----------------------|----------------|------------------------------------|
| <b>Harsh Events (G-force or Diagnostic)</b> | Knowledge Base = KB | <a href="#">Learn about Nudges</a>                                  |                      |                |                                    |
| Crash                                       | <a href="#">KB</a>  | On                                                                  |                      | N/A            | -                                  |
| Harsh Brake, Turn, Acceleration             |                     | On - Low (except harsh turns for Heavy Duty = normal)               |                      | N/A            | "Harsh Event Detected"             |
| Seat belt unbuckled (Diagnostic)            | <a href="#">KB</a>  | N/A (doesn't trigger in Safety Inbox since detection varies perMMY) |                      | N/A            | "Your seat belt is unbuckled"      |
| <b>AI Events</b>                            |                     |                                                                     |                      |                |                                    |
| Following Distance                          | <a href="#">KB</a>  | On >35 mph for 30s+, distance: .7s                                  |                      | (2 per 12 hrs) | "Increase Following Distance"      |
| Forward Collision Warning                   | <a href="#">KB</a>  | On                                                                  |                      | N/A            | Just beeping                       |
| Pedestrian Collision Warning (Beta)         | <a href="#">KB</a>  | On                                                                  |                      | N/A            | Just beeping                       |
| Lane Departure Warning                      | <a href="#">KB</a>  | On                                                                  |                      | (2 per 12 hrs) | "Return to lane"                   |
| Inattentive Driving                         | <a href="#">KB</a>  | On >25mph, high severity                                            |                      | (2 per 12 hrs) | 2 beeps, then "Distracted"         |
| Mobile Usage                                | <a href="#">KB</a>  | On >25 mph                                                          |                      | (2 per 12 hrs) | Beeps, then "Put down Phone"       |
| Drowsiness Detection                        | <a href="#">KB</a>  | On - Very Drowsy                                                    |                      | N/A            | "Drowsiness Detected"              |
| No Seat Belt (AI)                           | <a href="#">KB</a>  | On - 25mph                                                          |                      | (2 per 12 hrs) | Beeps, then "Fasten Seatbelt"      |
| Inward Camera Obstruction                   | <a href="#">KB</a>  | On >25mph                                                           |                      | N/A            | Beeps, then "Obstruction Detected" |
| Rolling Stop Detection                      | <a href="#">KB</a>  | On > 5 mph                                                          | N/A                  | N/A            | -                                  |
| Railroad Crossing Detection                 | <a href="#">KB</a>  | OFF                                                                 | N/A                  | N/A            | -                                  |
| <b>Speeding</b>                             |                     |                                                                     |                      |                |                                    |
| Max Speeding                                | <a href="#">KB</a>  | >81mph >30s+, creates safety event                                  | (>81mph for 20 secs) | N/A            | "Reduce Speed"                     |
| Speeding over posted speed limit            |                     | >15 mph for 60s+ , creates safety event                             | (>11mph for 30 secs) | N/A            |                                    |



# Focus on reducing the most severe risks

## MOBILE USAGE



### THE RISK

**23X**

Drivers who text are 23X more likely to crash



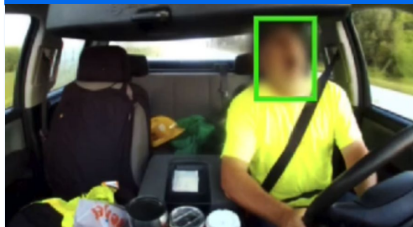
### THE ADVANTAGE

**81%**

Reduction in mobile phone usage



## DROWSY DRIVING



### THE RISK

**18%**

Fatal crashes involve a drowsy driver



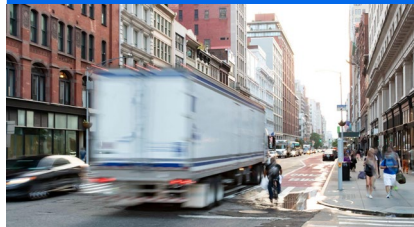
### THE ADVANTAGE

**32%**

Reduction in accident rate



## SPEEDING



### THE RISK

**29%**

Speeding is a factor in 29% of fatalities



### THE ADVANTAGE

**33%**

Reduction in severe speeding



## FOLLOWING DISTANCE



### THE RISK

**20%**

Of all commercial crashes are due to tailgating



### THE ADVANTAGE

**67%**

Reduction in following distance



# Reliable Operations

# How is AI being used within physical operations today?



**65%**

Customer & community  
support optimization



**51%**

Predictive maintenance



**49%**

Safety & security



**49%**

Driver assistance  
systems

Top benefits of AI include improved safety, analytics, efficiency, and productivity.



# Understand and mitigate external risks to protect your community

Anticipate  
dangers



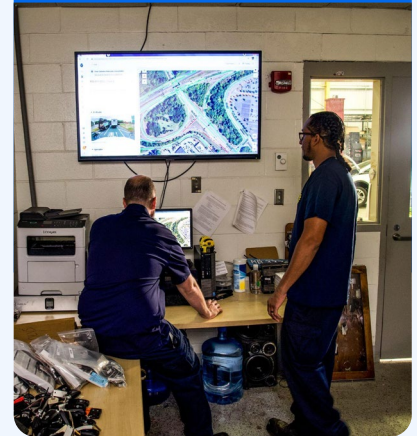
Receive  
real-time alerts



Respond & react  
quickly



Review & report  
outcomes



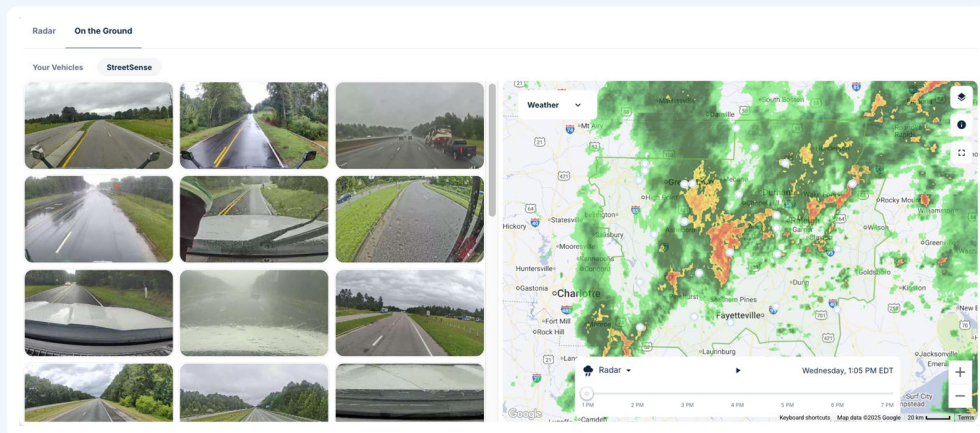
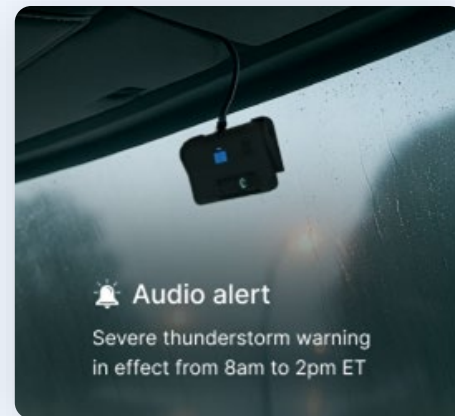
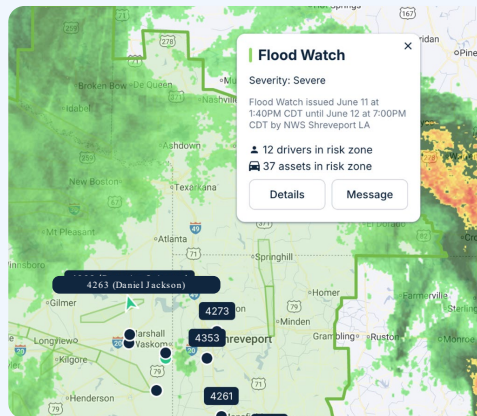
# Keep workers safe from physical threats

## Stay ahead of severe weather events

Easily identify drivers who need to exercise caution using public alerts, weather overlays, and real-time views into conditions on the ground

## Alert and protect drivers quickly

Coordinate worker, asset, and vehicle information to send warnings as soon as possible with bulk messaging and in-cab alert options



# Empower emergency response teams, without compromising safety

## Reduce the burden of manual review

Safety managers can focus on the events that matter most with automatically applied labels and event dismissal

## Strengthen safety program buy-in

Drivers can respond to critical events with confidence, knowing emergency maneuvers won't unfairly impact Safety Scores

## Serve the public safely, consistently

Clear visibility and accountability across all driving conditions bolsters public trust



# Adoption Outcomes

# Proven and trusted by thousands of public sector organizations



CITY OF ATLANTA



CITY OF HOUSTON



CITY of BOSTON



CITY OF NEW ORLEANS



# Operational gains you can measure



# The City of Lakeland saves hundreds of thousands in insurance payouts

**50+**

COLLECTION TRUCKS

**80**

SQ MILES SERVICED

**120K**

RESIDENTS

## CHALLENGE

Since the City's operations relies on a cash reserve of enterprise funds, they needed to minimize safety-related costs such as incidents and insurance payouts.

## SOLUTION

The City is able to proactively coach drivers, and in-cab alerts reduced speeding and mobile usage.

## RESULTS

**Hundreds of thousands of dollars in estimated insurance payouts.**





# The City of Boynton Beach uses technology to exonerate drivers and avoid thousands of dollars in false claims

80,000

CITIZENS

765

VEHICLES & ASSETS

58%

REDUCTION OF OVERALL  
DRIVER RISK FACTORS

## CHALLENGE

Needed to modernize technology to improve service delivery and protect against false claims.

## SOLUTION

The ease of use allows supervisors to find the information they need quickly.

## RESULTS

**17% reduction** in speeding, lowered distracted driving by **19%**, and can now exonerate drivers with video footage.





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Operate Smarter™