

MMTA/APTA

Transportation Safety Conference



netradyne





**An Artificial Intelligence Technology Company
Focused on Transportation Safety**

Founded in November 2015 by
Avneesh Agrawal & David Julian

Headquartered in San Diego, CA
Technology Centers in San Diego, CA and
Bangalore, India

100+ Employees Worldwide

Strategic, Established Long-Term Investors





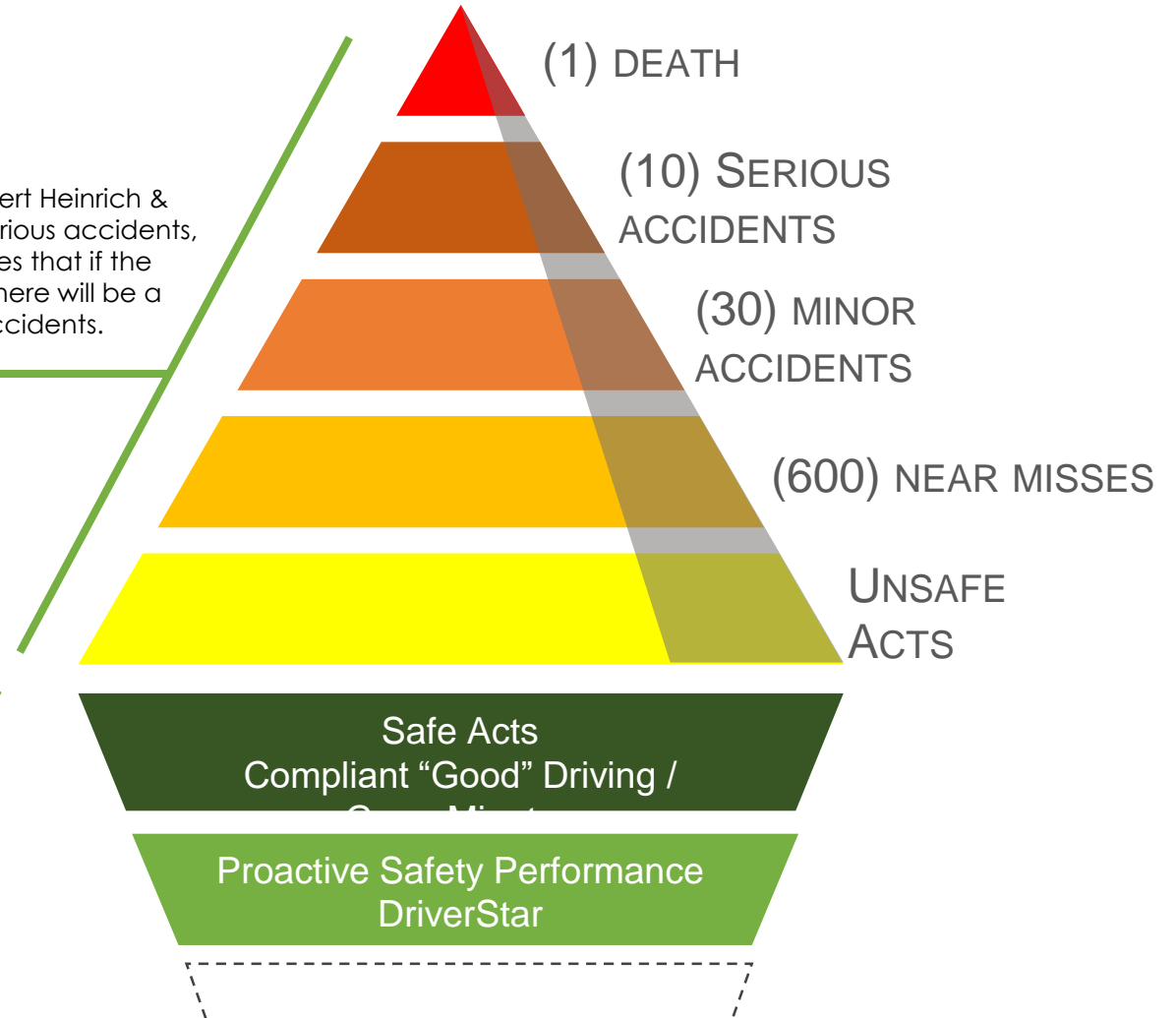
Appreciation
is a fundamental human need.
We believe drivers respond to
appreciation expressed through
recognition
of their good work, because it
confirms their work is
Valued.

If you're going to
point a finger
at your driver,
we suggest
Thumbs Up.



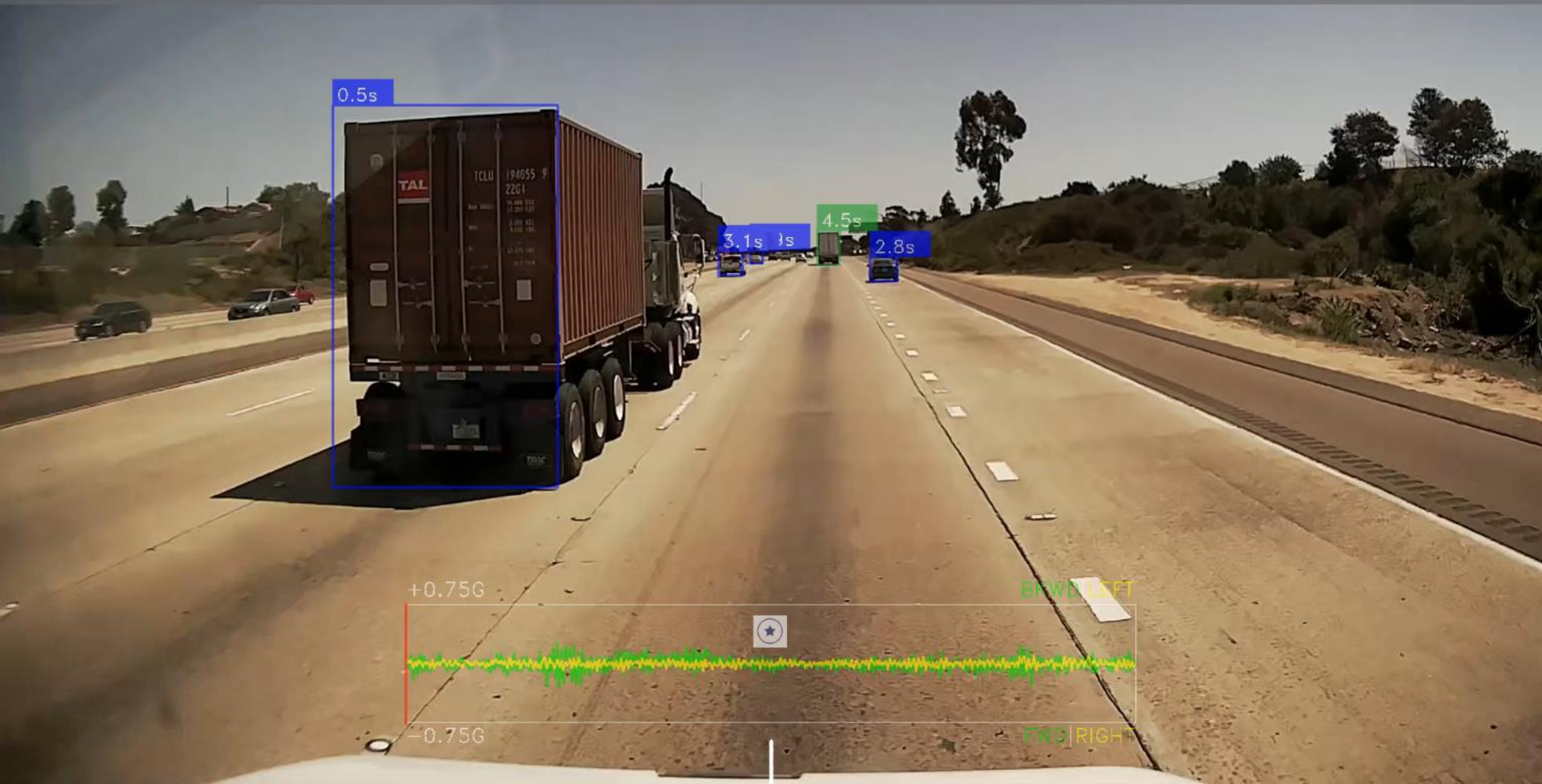
[Heinrich Triangle](#) - research provided by Herbert Heinrich & Frank Bird. It shows a relationship between serious accidents, minor accidents and near misses and proposes that if the number of minor accidents is reduced then there will be a corresponding fall in the number of serious accidents.

The approach provided by Driveri® is that if a fleet can change the attitude, engagement and performance of a driver -- in a positive way -- than the likelihood of a 'near-miss' or 'minor' event occurring is reduced – therefore reducing the likelihood of a serious event.





Driveri[®] Overview



0.5s

3.1s 1s

4.5s

2.8s

+0.75G

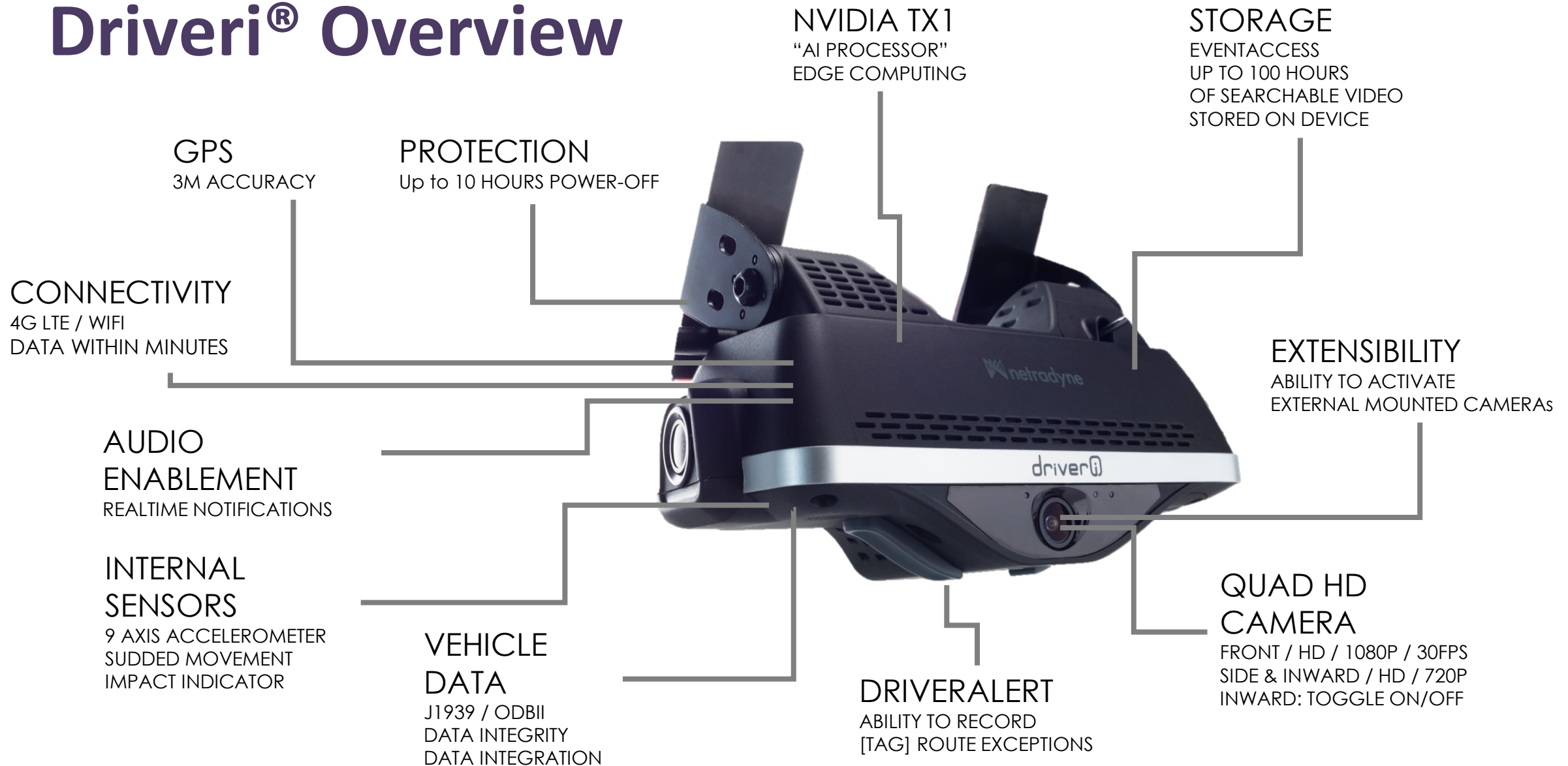
BKWD LEFT



-0.75G

FWD RIGHT

Driveri[®] Overview



Driveri® - How it Works



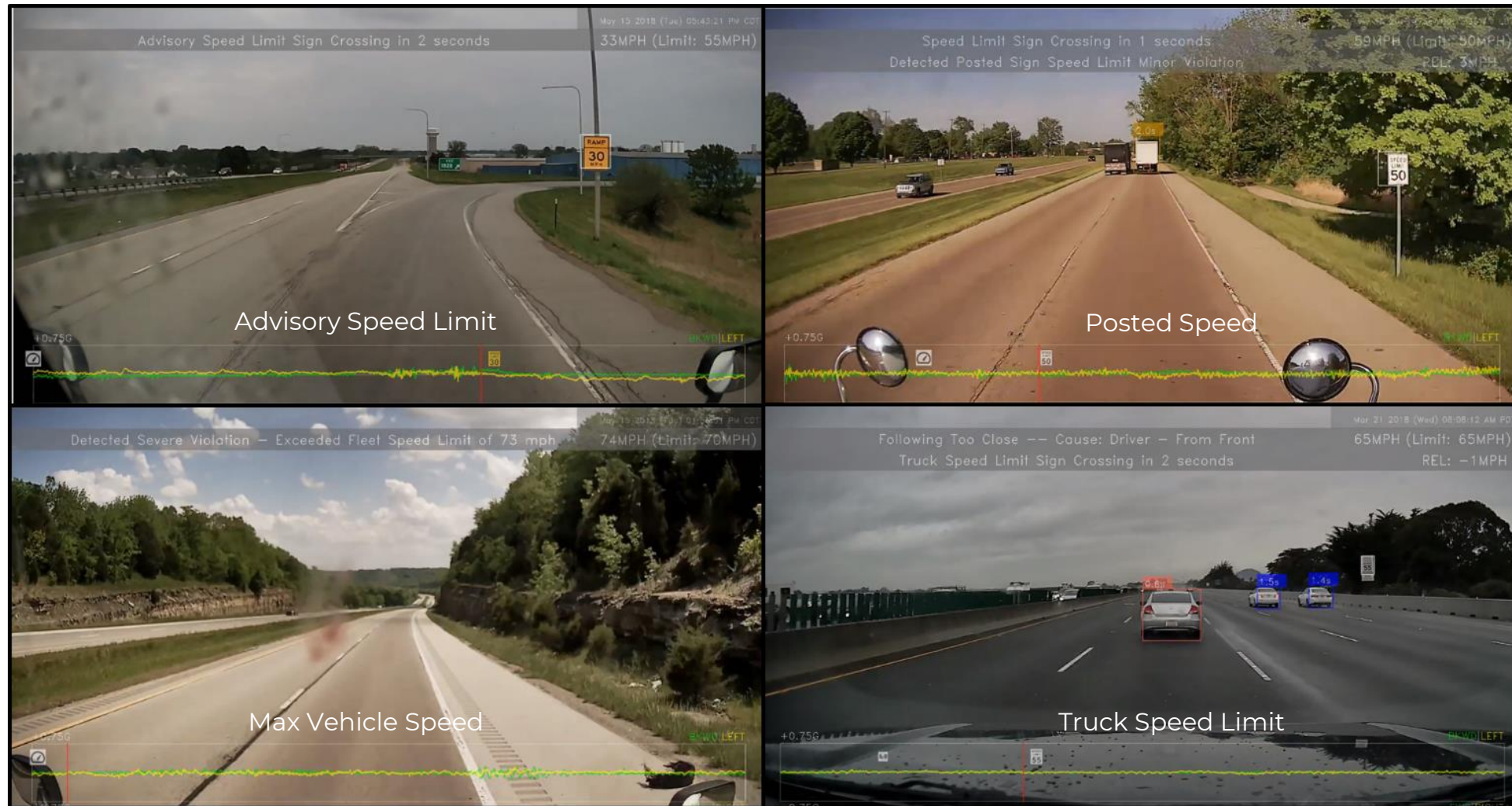
- ❑ EventAccess: 100 hours of stored video
- ❑ RealTime Notifications: ADAS
- ❑ Curated video / mobile application
- ❑ GreenZone® updated every minute

Driveri Field of View

Four Onboard Cameras with Expansion Capabilities



Netradyne Analytics: Speeding



80+ Objects Detected & Growing

80+ Objects Detected & Growing



Road Sign & Traffic Signals

Confusing Signals & Signage are Common



Stop Light Detection

Automatically Identifies the correct light based on vehicle heading and visual cues.



Stop Sign Placement

Rationalized identification of correct stop sign.

May 10 2018 (Thu) 08:41:13 AM CDT

36MPH (Limit: 40MPH)



9.2s

+0.75G

EKWD|LEFT



-0.75G

FWD|RIGHT



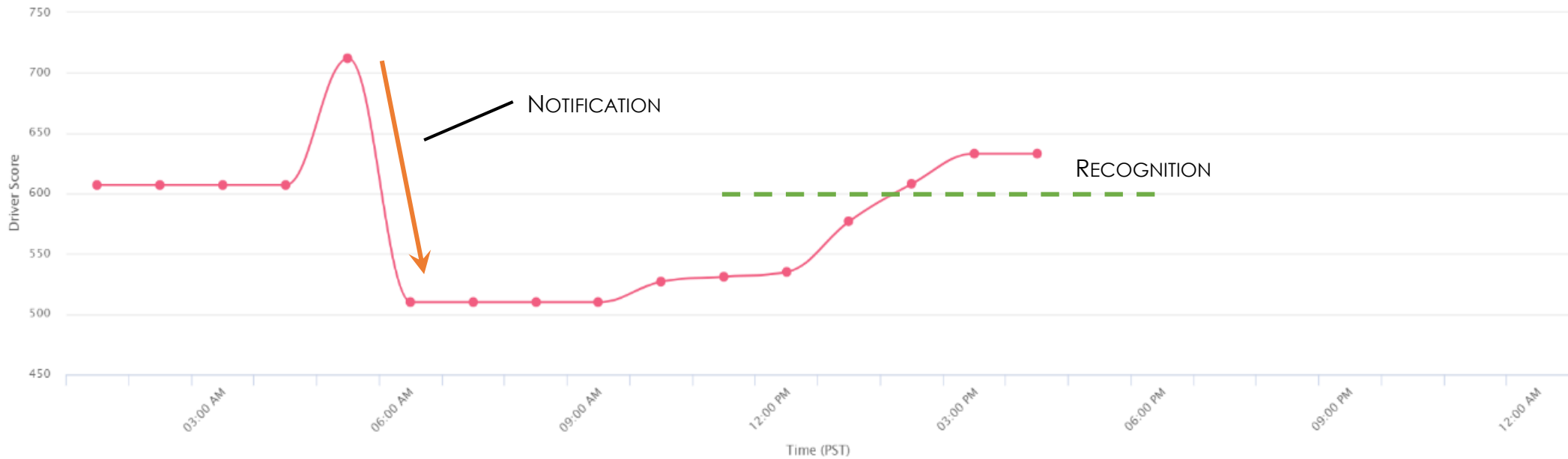
Managing Performance



Driver Performance Measurement

Driver Score vs Time

Asplundh Fleet's Driver Score Chart for the Day : January 12, 2018

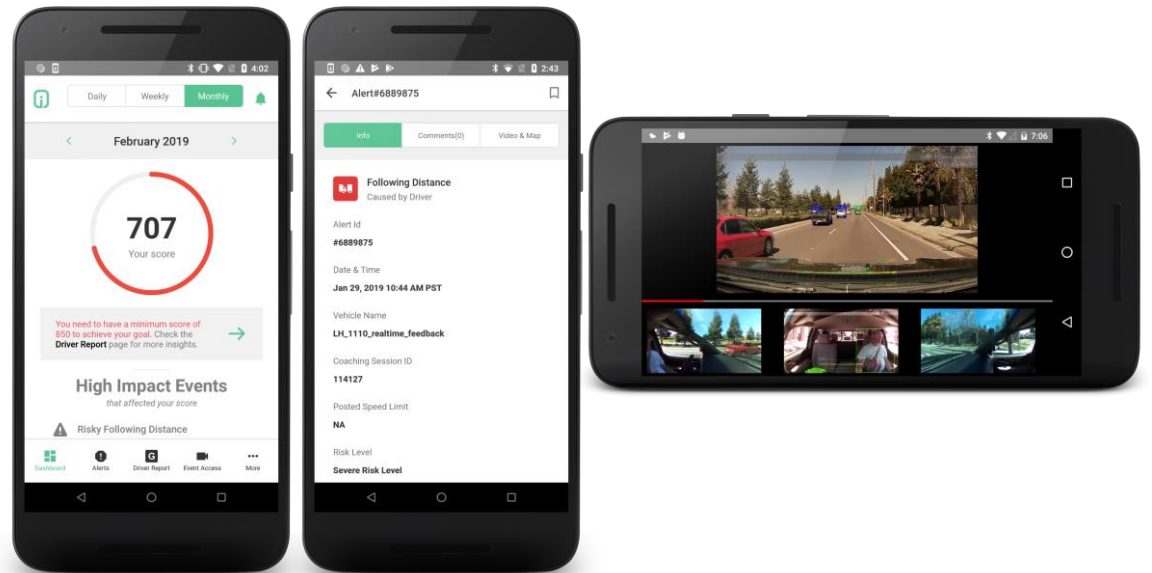
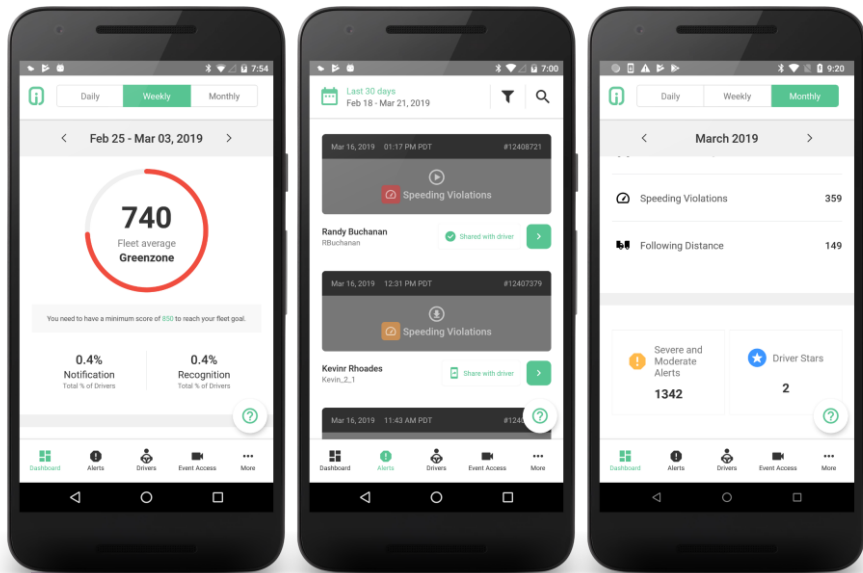


Mobile App

Driver & Safety Manager Visibility

Safety Manager Application

- Fleet & Driver Dashboard views
- Receive alerts
- Deliver coaching sessions



Driver Mobile Application

- Real-time GreenZone Score Updates
- Alerts
- Access to events sent by Safety Manager
- Coaching

Driveri Mobile App: Results



Steve Dunn

Director of Safety

The one month's results after the release of the Driver Mobile application.

- 30% reduction in stop sign events
- 14% reduction in traffic light events
- 13% reduction in Speeding events
- 5% reduction in following distance events



driver*i* Vision-based Safety Solution



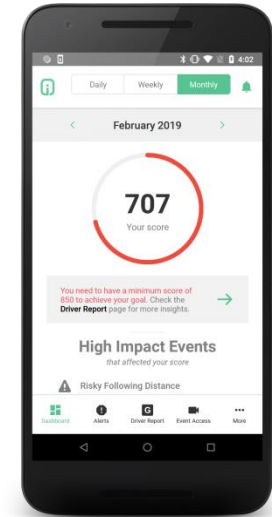
**Promote the Carrot
vs.
The Stick**



**Manage
Performance,
Not Exceptions**



**Engage Drivers
for Positive Results**



**Build Trust with
Transparency**