

Managing Driver Distraction

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10 Min. Presentation
with 5 minute video

DELPHI
Innovation for the Real World

Here comes the Internet of Cars

WIRED

January 4, 2013

The era of smart mobility is going to change everything

“This isn’t just an evolution of technology-enabled, connected vehicles.

This goes beyond self-driving cars.”

The Detroit News

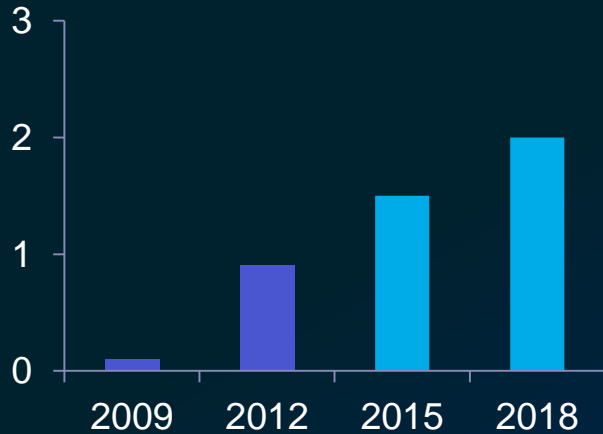
January 31, 2013

Distracted driving to remain post-LaHood NHTSA focus

“..very, very close to finalizing voluntary in-vehicle guidelines to help automakers prevent **distracted driving**...”

Consumers want to be Connected





Global smartphone growth



0.9B units sold in 2012

1.5B forecast for 2015

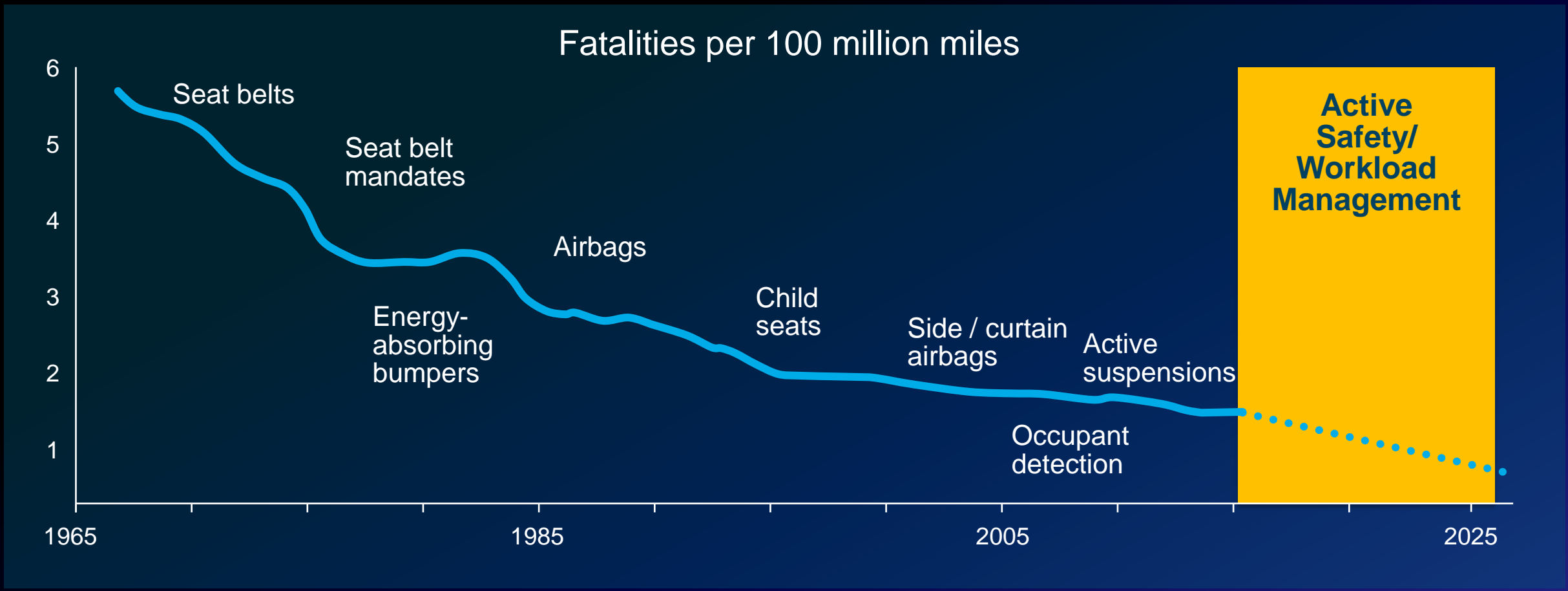
In car smartphone use

-  89% Calls
-  68% Navigation
-  39% Texting
-  31% Internet, email, and apps



70% of new car buyers now have smartphones

Active Safety / Workload Management are key to connecting safely



An extra 1/2 second of warning can mitigate 60% of crashes

Source: NHTSA

Connecting with Safety

What the World Demands

**No Crashes
No Fatalities**

AND

**Desired Content
With Less
Distractions**

Our Solution

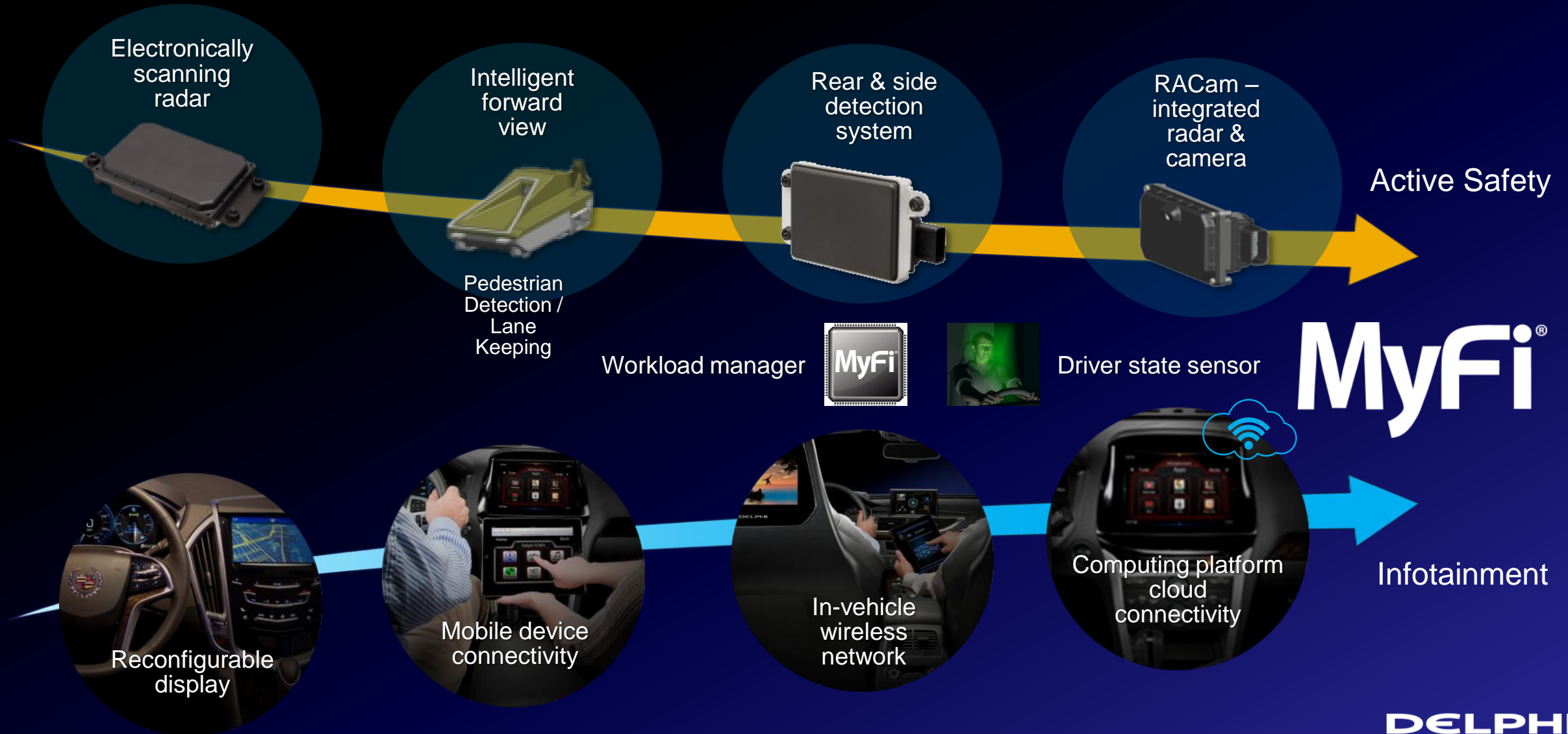


**DELPHI
MyFi
Connecting
with
Safety**

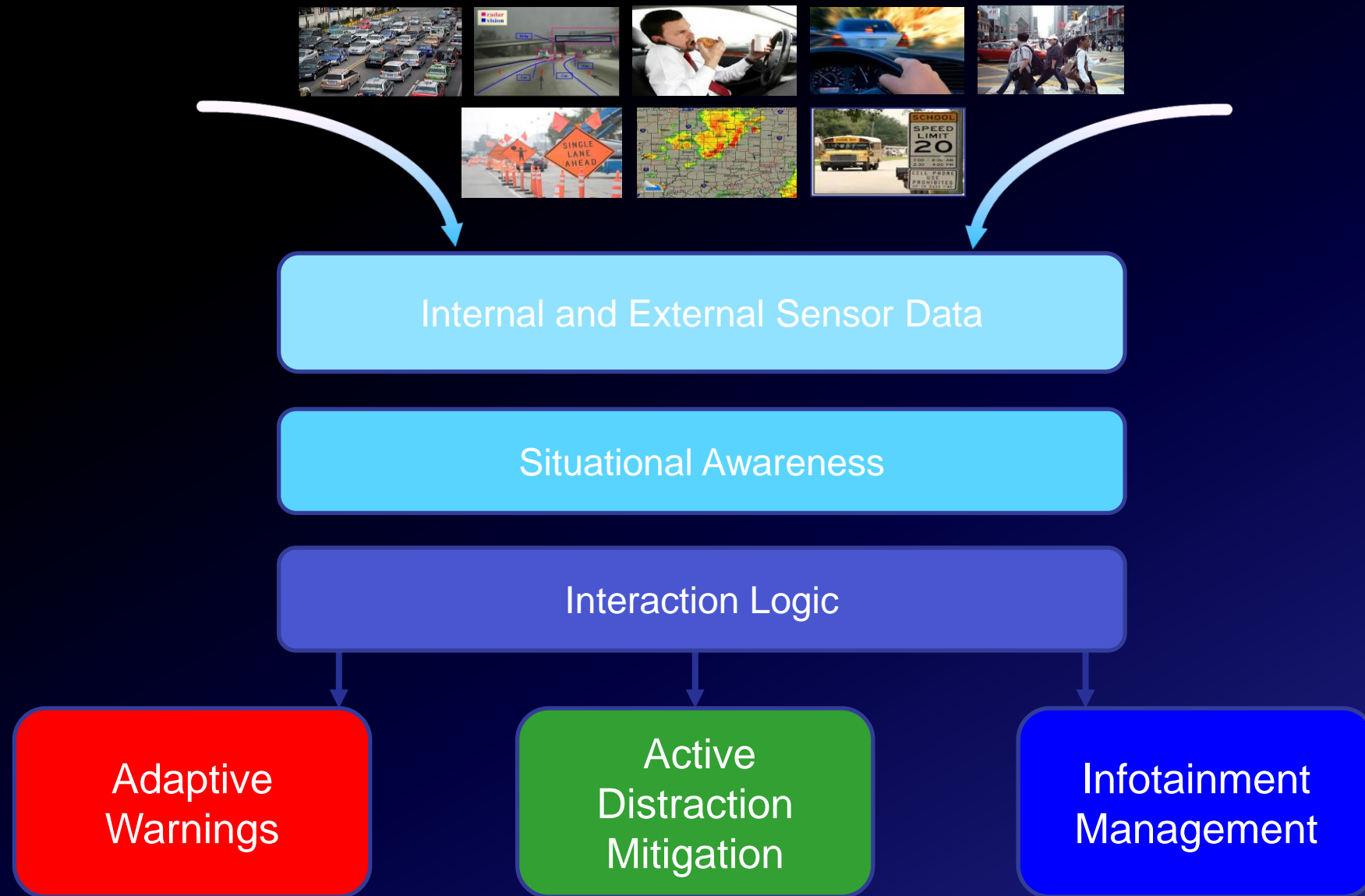


Delphi's Solution of Convergence

Always Connected – Always Safe



Driver Support Model



Active/Adaptive HMI Example



Attentive

- Nominal alert threshold
- Attentive driving state
- Exogenous alert only - if needed

Eyes off road < 2 seconds

- Increased alert threshold
- Full safety warning alert
- Exogenous alert + audible tone

Eyes off road > 2 seconds

- Increased alert threshold
- Full safety warning alert
- Exogenous alert + audible tone
- Center stack display dimmed

Delphi's Concept Vehicle with MyFi[®]

MyFi[®]

The Right Design

Reconfigurable displays positioned in driver's field of view

The right information

... in the right place

... at the right time

The Right Connectivity

Internet connectivity and app store provides

"smart phone" experience designed for the car

The Right Intelligence

Internal and external monitoring, threat analysis, and Active HMI ensures driver's attention is on the driving task





MyFi[®]

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