MULTI-SCREEN UX CONCEPTS

VERSION 1.1 - JUNE 23, 2016

LG SILICON VALLEY LAB

MEDIA

Driver and Front passenger can control media playback on seat back screens.

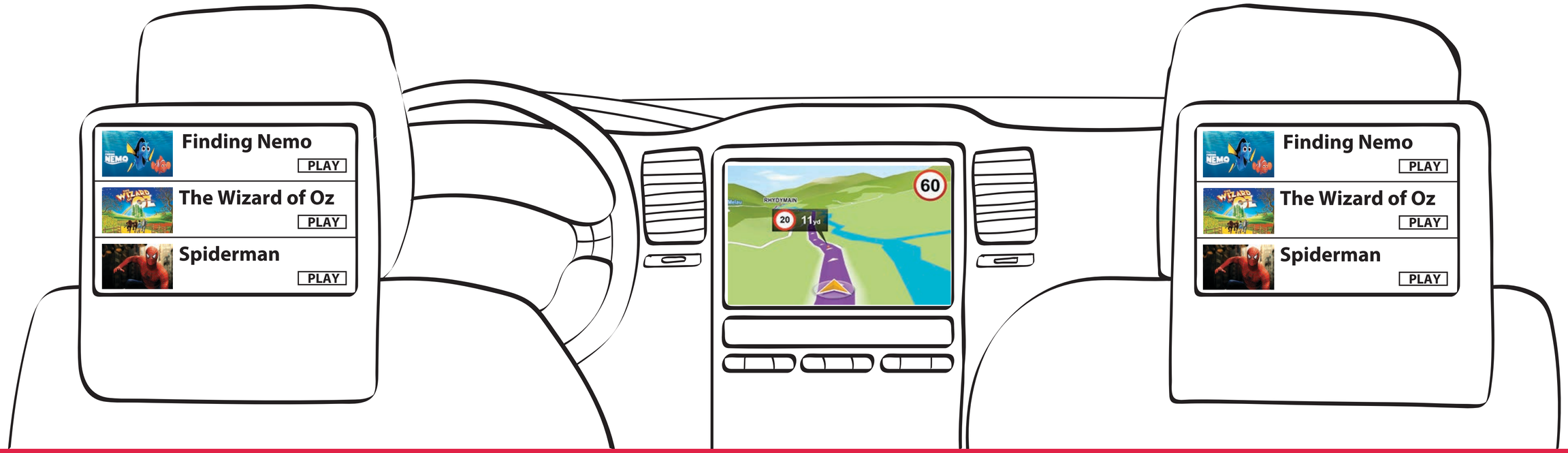
Example: A front seat passenger can play two different videos for children sitting in rear seats during a trip.

PROPRIETARY AND CONFIDENTIAL

MEDIA

Rear passengers control media playback via rear screen.

Example: A rear seat passenger wants to watch a video or play music of his selection without having to request a person in the from seat to change the media settings.



PROPRIETARY AND CONFIDENTIAL

MEDIA

Driver or Front passenger can view rear passengers via cameras in the seat back.

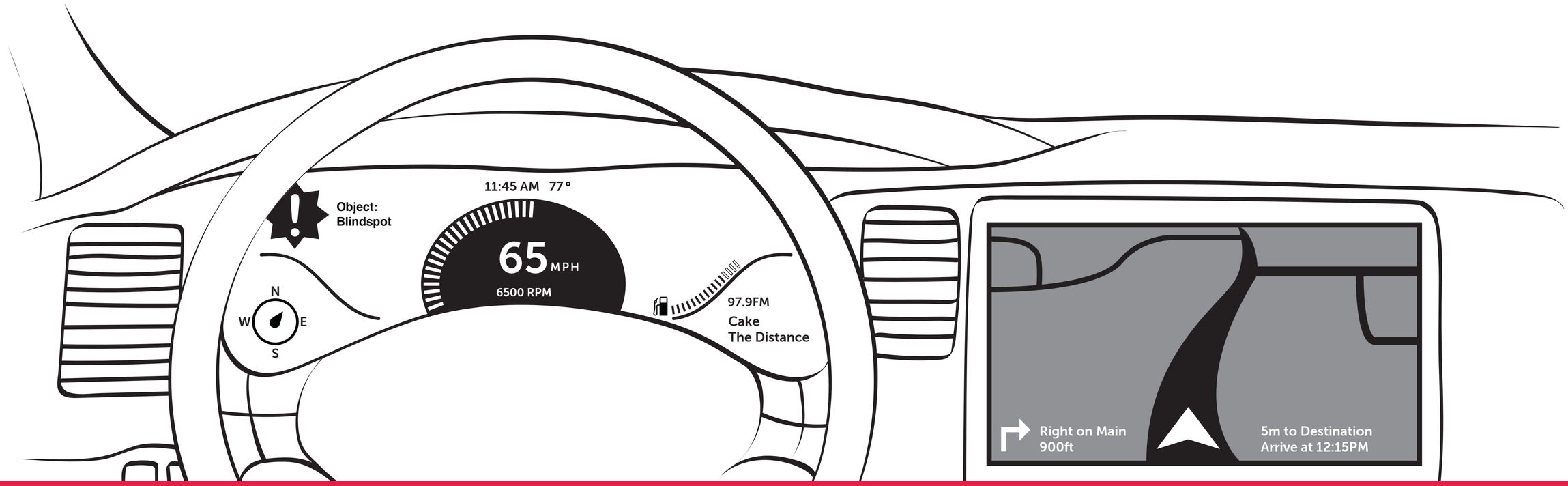
Cameras in the dash/console shows driver or front passenger on rear screen.

Example: Driver wants to scold the children riding in the rear seat for being loud. He can pause the video they are watching and display his face on the rear screens. At the same time he views the rear seat passengers on the console screen.

PROPRIETARY AND CONFIDENTIAL

PROXIMITY ALERT

Proximity alerts appear as overlays on both the cluster and console screens when objects such as other cars, shopping carts, people, obstructions, etc. are near the vehicle.



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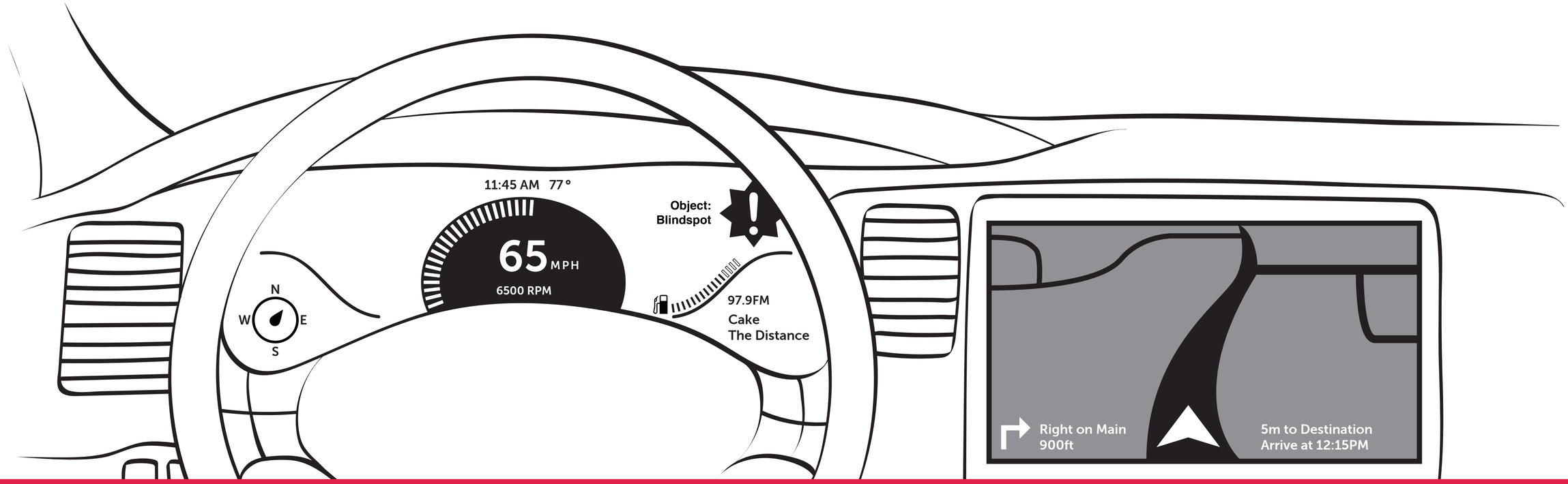

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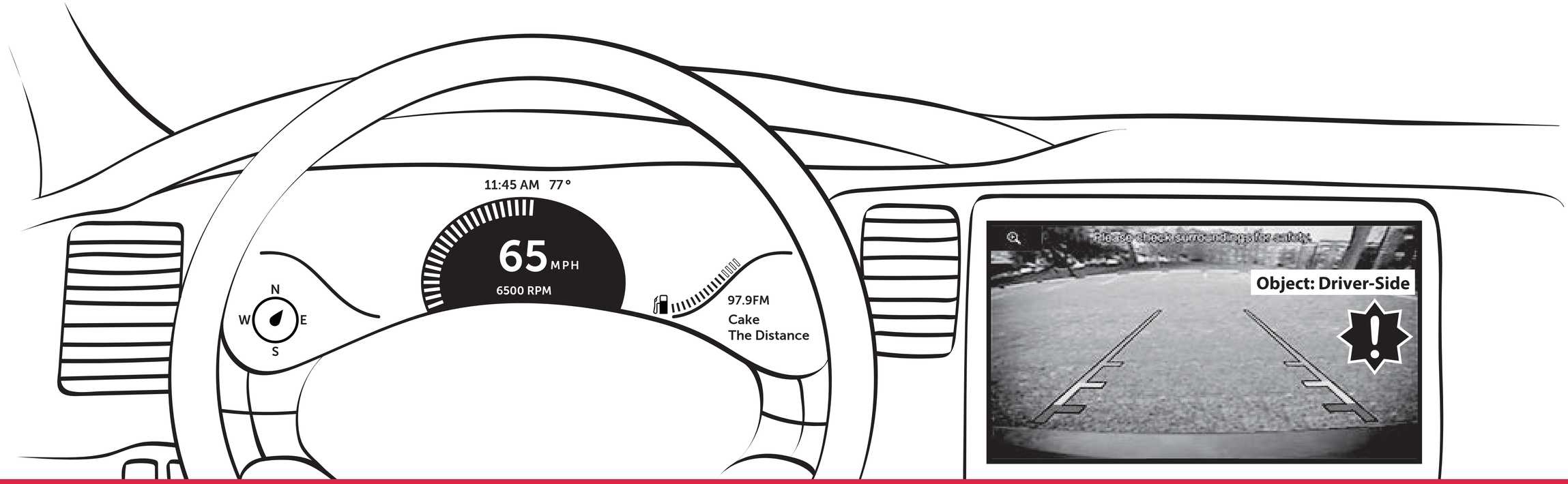
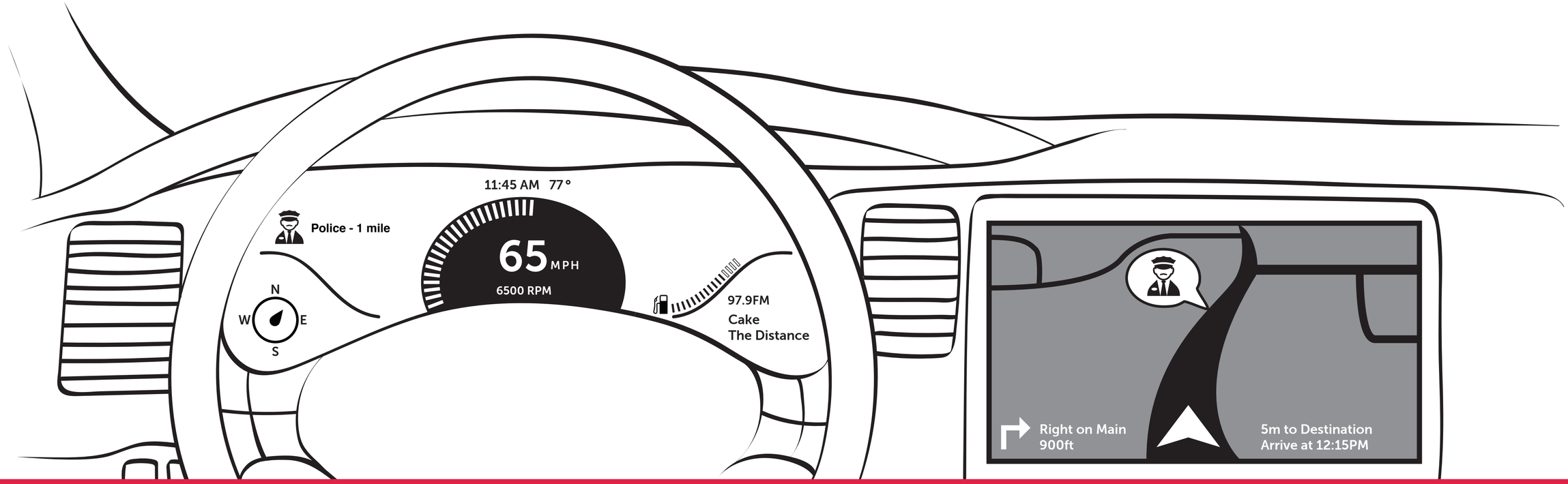


PROPRIETARY AND CONFIDENTIAL

LOCATION-BASED ALERTS

Location-Based alerts appear on screens: Hazards, Police, Gas Stations, etc.

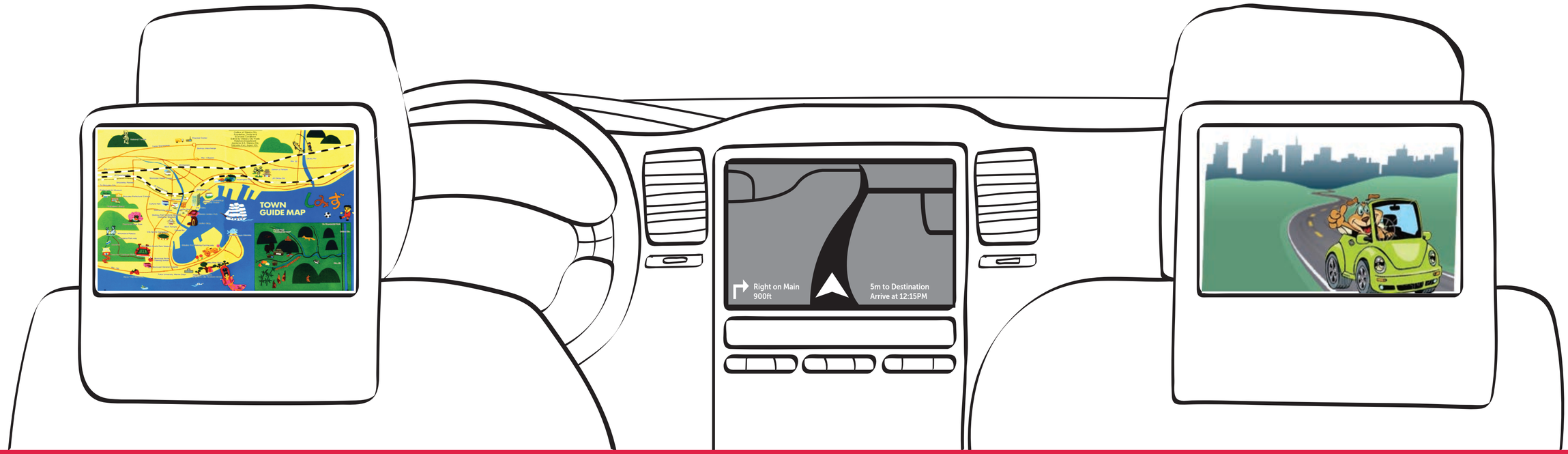


PROPRIETARY AND CONFIDENTIAL

NAVIGATION

“Are we there yet?” Kids view entertains young passengers and teaches them about maps and distances.

Example: Driver and Front passenger selects the displays navigation and on seat back screens child friendly version of navigation appear. These show cartoon version of maps, characters that explain where the vehicle currently is located and a timer counting down to the destination.



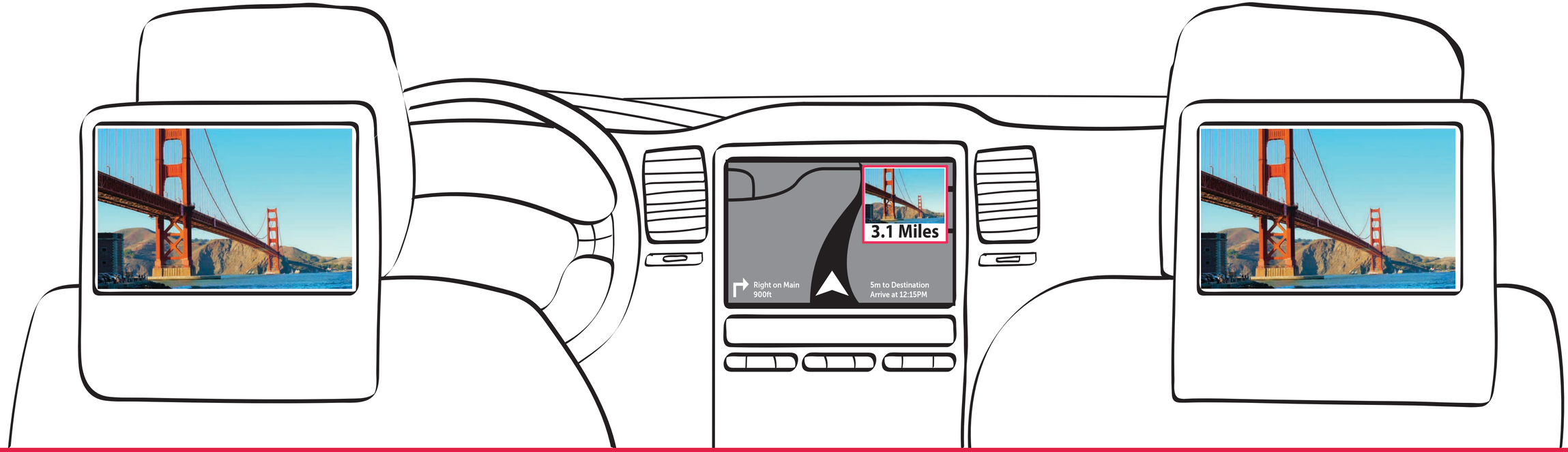
PROPRIETARY AND CONFIDENTIAL

NAVIGATION

Guided Tours based specifically on selected route and destination.

Points of Interest appear based on GPS. These can appear across multiple screens in the vehicle.

Example: A trip via a specific highway can offer details of points of interest along the route such as architecture, history and nearby services. The intent of the tour is to inform and entertain passengers during their journey.



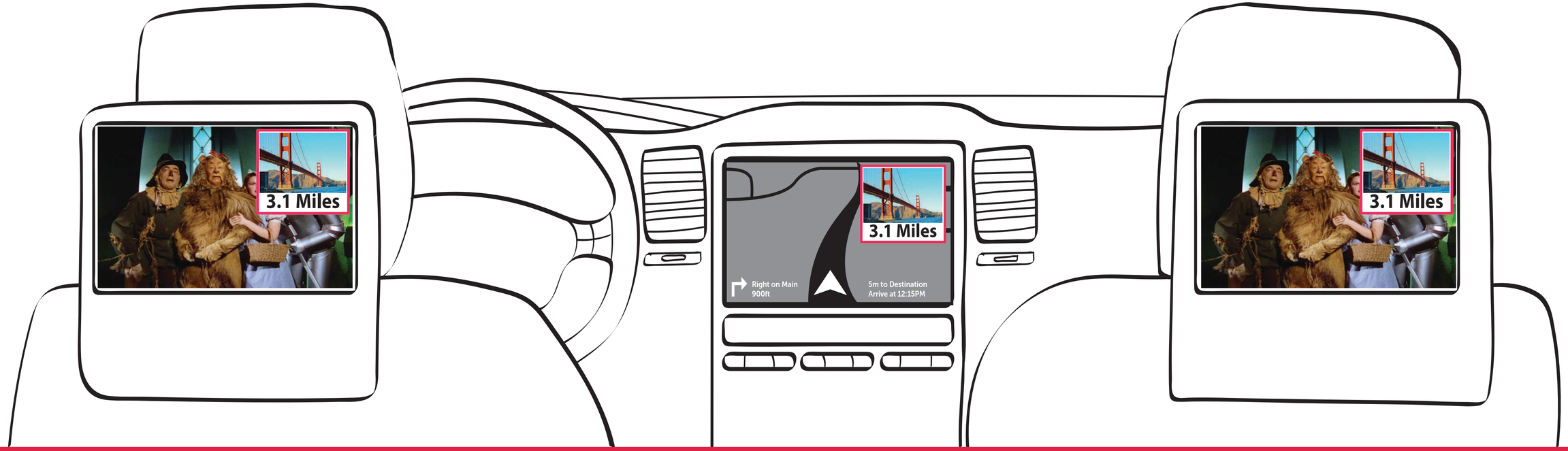
PROPRIETARY AND CONFIDENTIAL

NAVIGATION

Roadside Attractions: history, landmarks (independent of location and destination)

Points of Interest appear based on GPS – and can appear across multiple screens.

Example: Passengers are watching a movie as the vehicle nears a touristic location when a notification appears simultaneously on rear screens and center console. This notification can be selected to view more information about the attractions. If the driver decides he wants to visit the location he can start navigation to the destination.



PROPRIETARY AND CONFIDENTIAL

NAVIGATION

Rear passengers can control navigation app and select destinations which are displayed on console for driver.

Example: A passenger can enter a navigation destination for the driver. This could be useful in taxis and limousines.

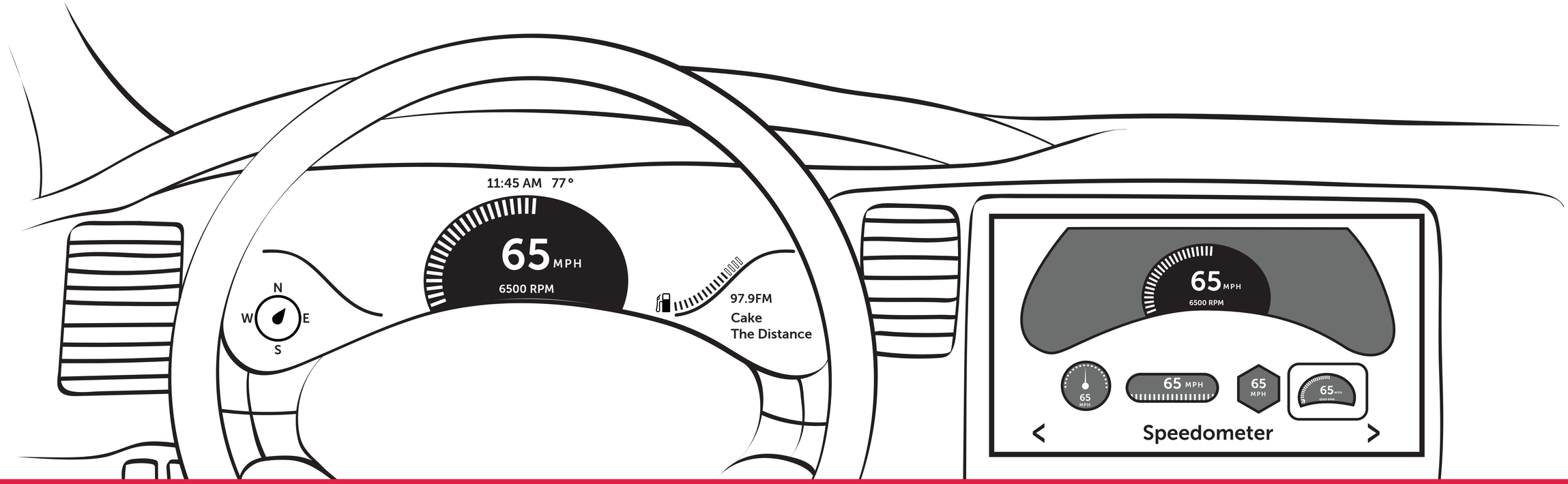
PROPRIETARY AND CONFIDENTIAL

CUSTOMIZATION

Select and customize the controls and information displayed on both the console and cluster screens.

Select the specific controls you wish to view, their position and visual style.

Save and name layouts so each driver can have a customized UI in the car.



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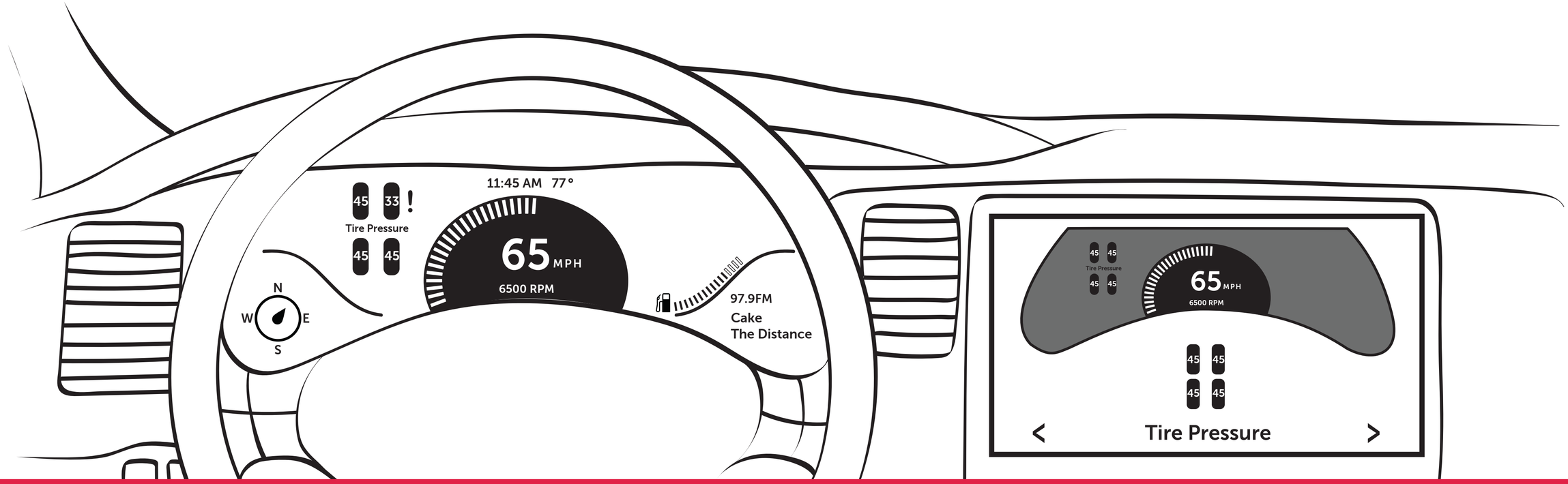

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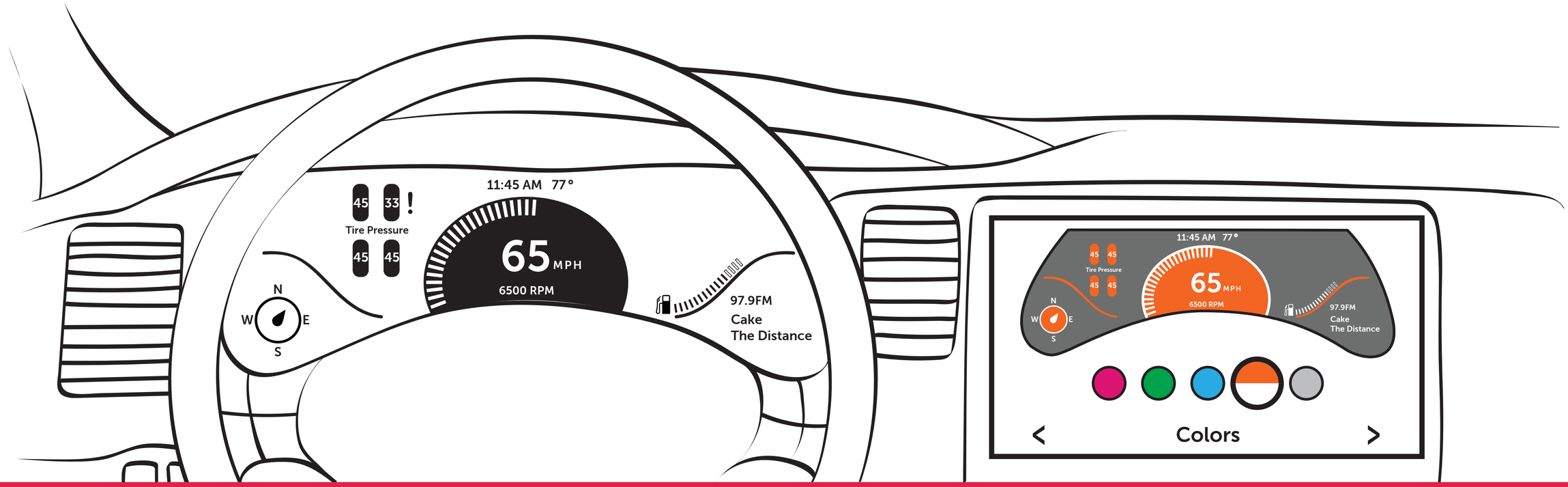

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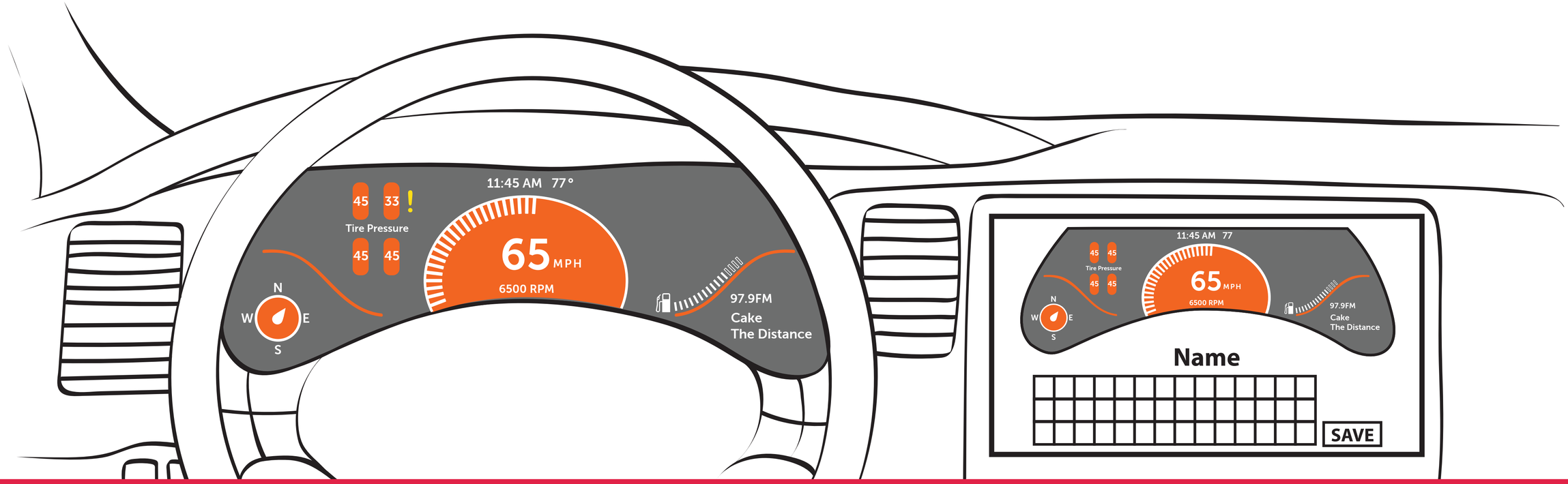

PROPRIETARY AND CONFIDENTIAL

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