



## Connected map services

Road signature  
Hazard services

# Connected map services

## Solution for natural driving experience

Works perfectly even under the most difficult weather conditions.

Highly accurate localization even in sparse landscapes.

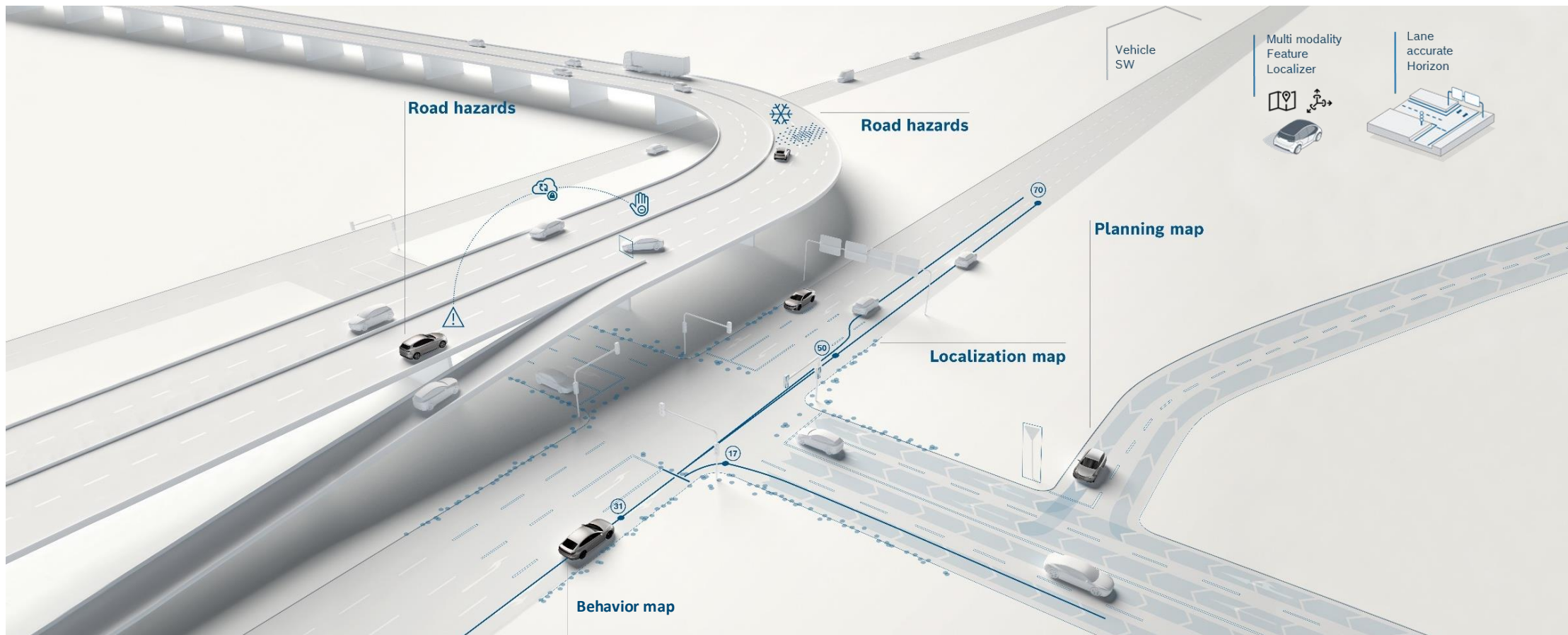
Lane-level localization, temporarily even without GNSS signals

Precise localization even in difficult urban scenarios.



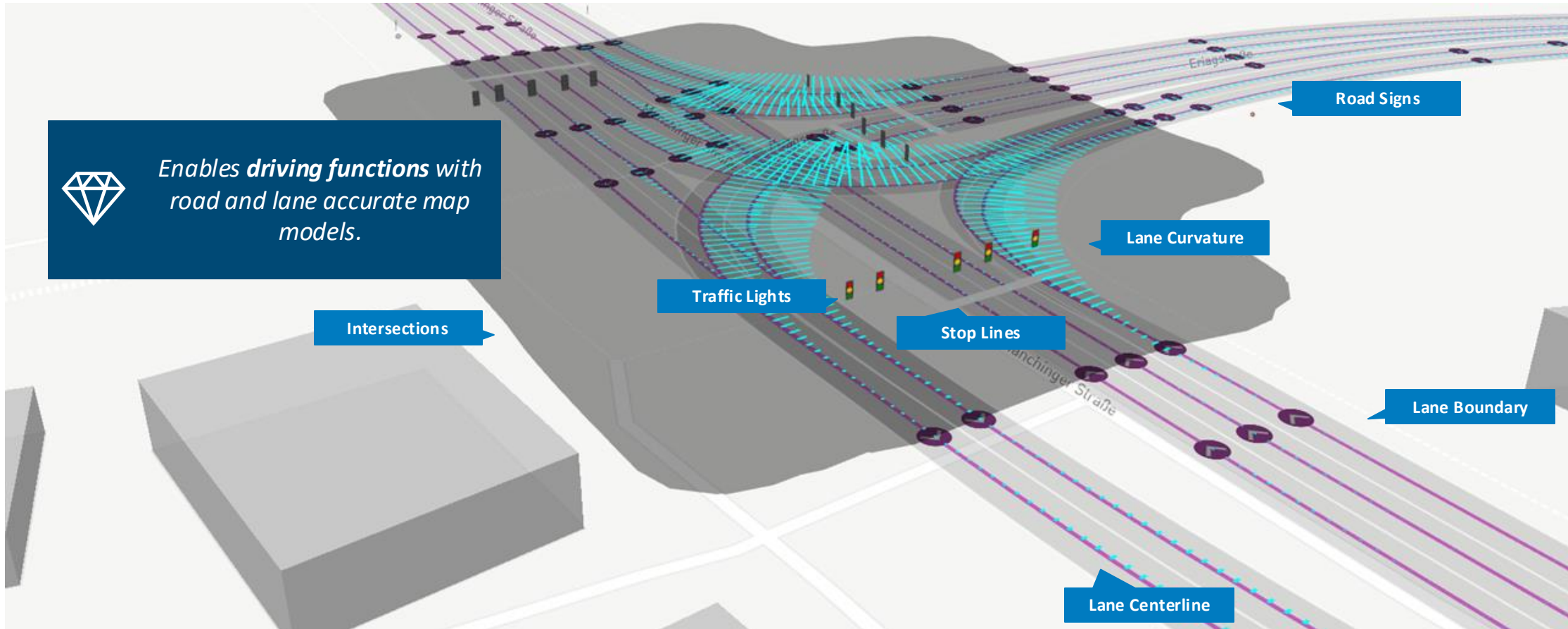
# Connected map services

## Enhanced mobility experience via crowd-based maps



# Connected map services

## Planning layer



# Connected map services

## Behavior layer



Enables **natural driving behavior** based on large scale analysis of crowd data and fleet behavior.



# Connected map services

## Localization layer



*Enables High-accurate vehicle  
localization with 3D  
landmarks*



Video Localization Map



Radar Localization Map



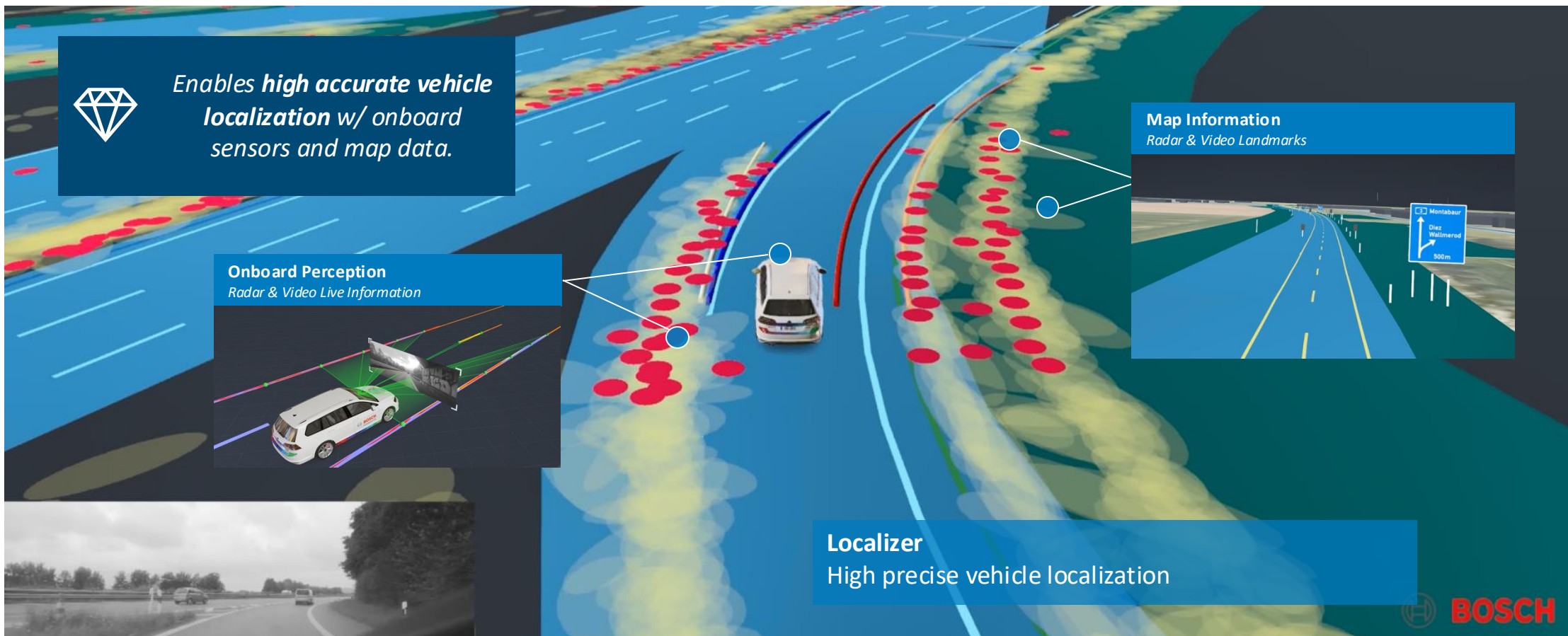
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# Connected map services

## Localizer



# Connected map services

## Road hazards



We promise that our service is beneficial

For you as driver

To receive  
real-time  
warnings about various  
hazards  
in advance

To enjoy a  
stress-free  
and safer  
journey

To ensure a  
positive user  
experience with  
only essential and  
pertinent warnings

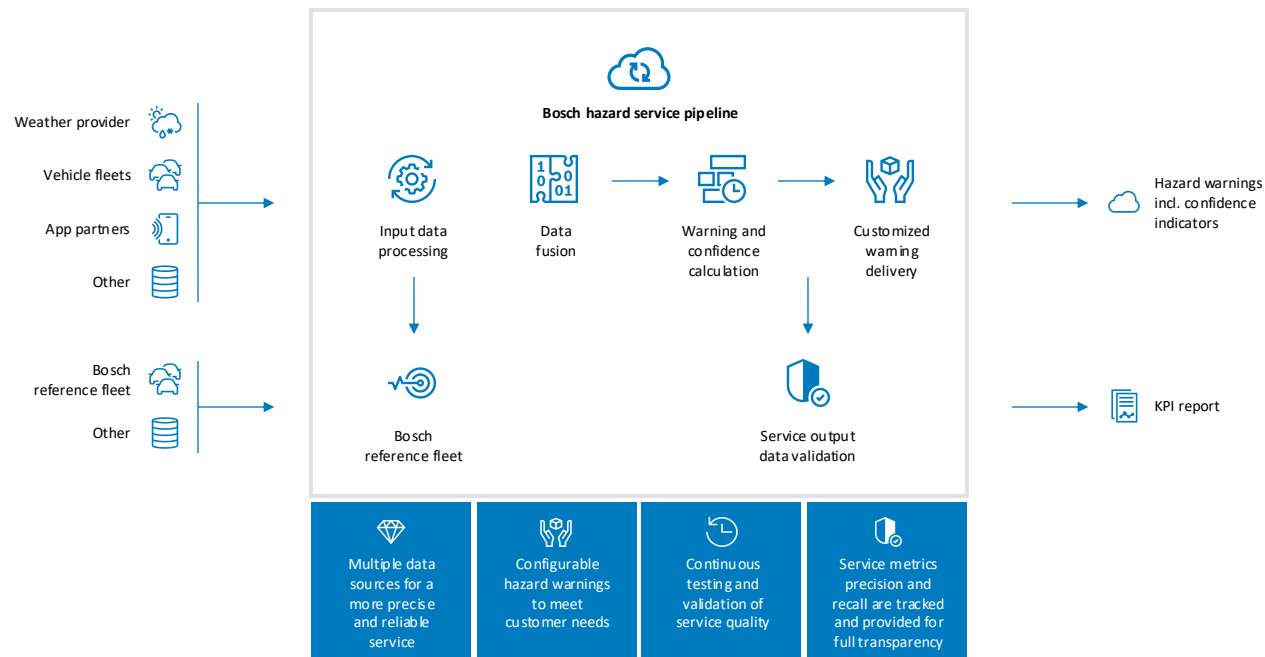
For you as an OEM

To have a  
lean solution  
with minimal  
integration  
effort

To achieve  
a better  
NCAP rating

To gain a competitive  
advantage by  
increasing  
road safety

How does it work?



# Connected map services

## Why choose Bosch connected map services



>30

years of system  
and sensor expertise



Robust and lane-accurate  
localization to the centimeter  
in all weather conditions



Event and priority  
triggered map updates  
from daily up to weekly



Open cross-OEM ecosystem  
without lock-ins



Combined radar  
and video mapping –  
a Bosch USP

>2 billion

kilometers harvested  
since January 2021



Map service coverage  
beyond highways on the  
five highest road classes



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Let's make mobility  
services as natural  
as mobility itself.

Let's move #LikeABosch