



SMART SAFETY 360

The scalable ADAS
towards Zero accidents

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ABOUT MYSELF

20+ Years Experience in Automotive



RENE
KARSTEN

Business Development Director



VALEO VISION OF THE “AUTONOMOUS CARS”

Shaping the Future of Mobility

SAFE



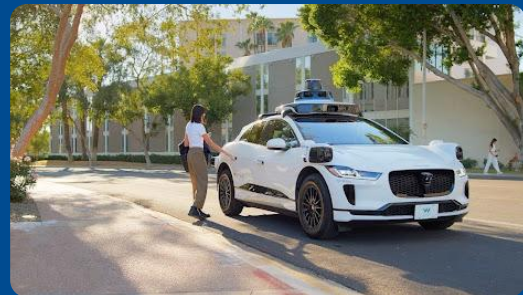
Protecting Life

FREE



Making life worth living

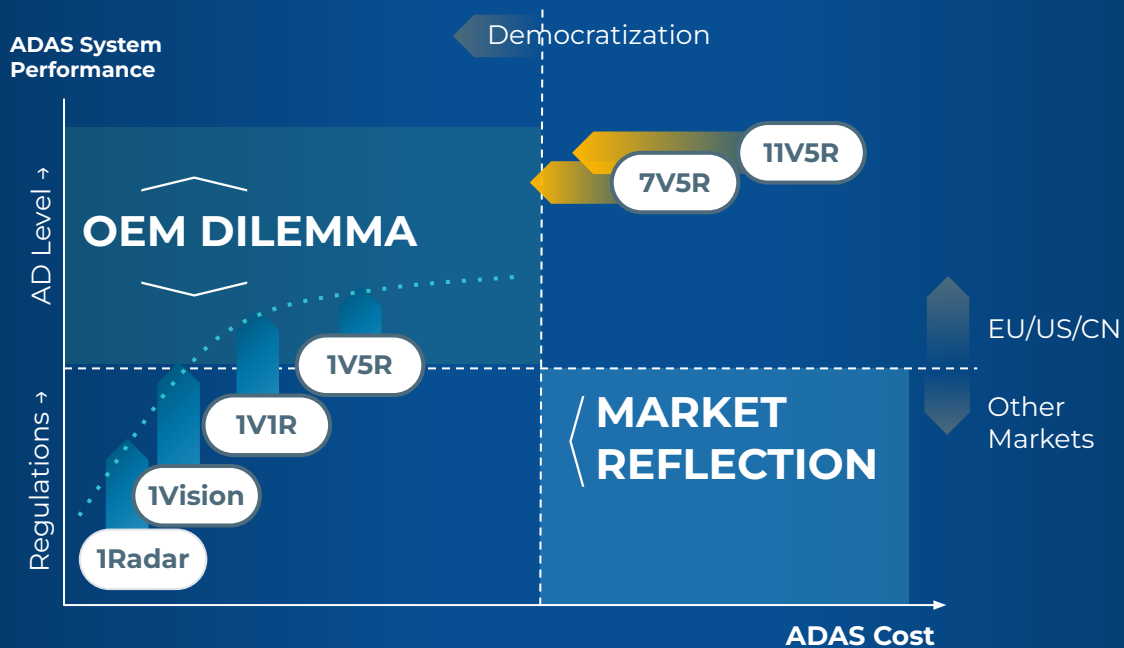
GREEN



Ensuring environmental sustainability

THE AFFORDABLE HURDLE

Safety Vs Cost



TREND L2+/L2++

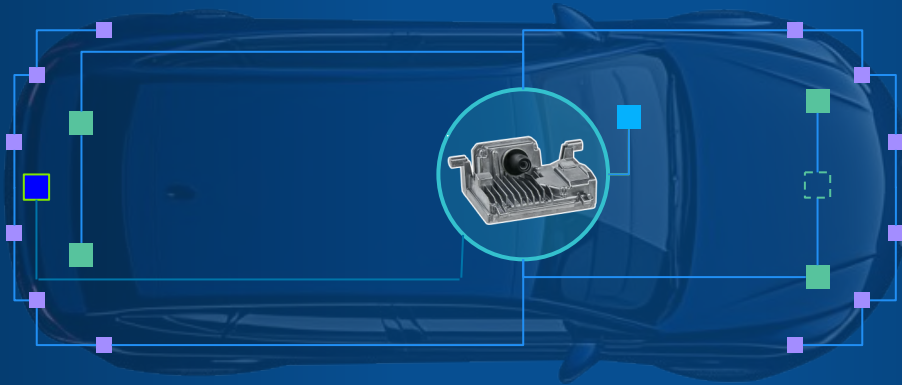
REGULATION

SAFETY FOR ALL

COST

VALEO SMART SAFETY 360

Scalable Level 2+



Smart Front Camera
as **Central Computer**



Up to 12
Ultrasonic Sensors



Up to 4
Corner Radars



Front Radar
(optional)



RearView Camera



Driver Monitoring System

VALEO SMART SAFETY 360

Scalable Level 2+



Single HW
Covering Entry to L2+



Best Parking & Driving
Functions



Elimination of ECUs
(Ultrasonic / DMS)



GSR | FMVSS 127

Covering Global Safety
Standards



Lower R&D efforts
& cost savings



Highway Navigation
On Pilot

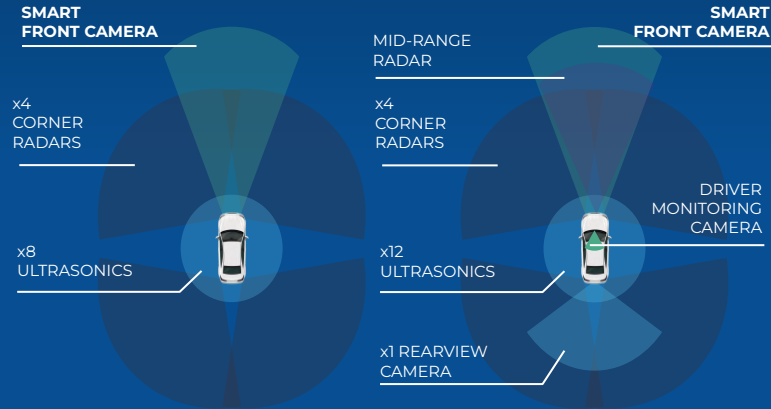
TRUE SCALABILITY

BASIC to HIGH

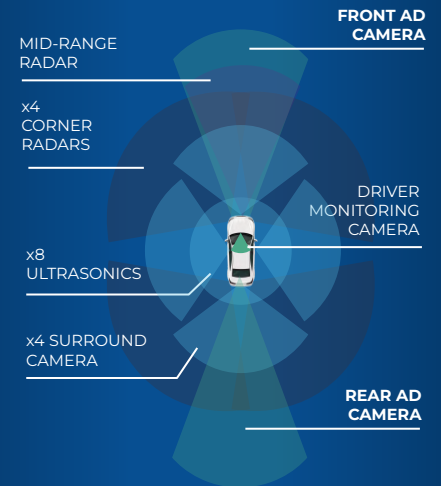
BASIC



MID



HIGH



VALEO SMART SAFETY 360



DEMOCRATIZING SAFETY

Advanced Safety for all Market Segments

ADAS REDUCING ACCIDENTS

Forward-Facing

AEB & FCW
(Front - Rear)



Pedestrian AEB



Laterally-Facing

LKA/LDW
(Lane-Change/Head-On)

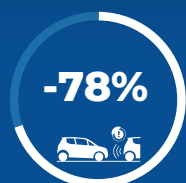


BSD
(Lane-Change)



Reversing & Intersection

RAEB

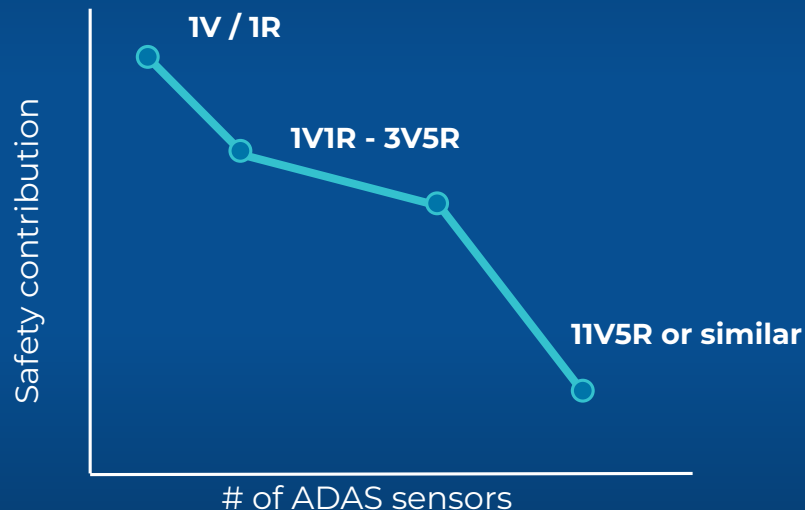


Intersection Safety



68% Lower Fatal Injury Risk (5-Star vs 2-Star Car) (Euro NCAP)

WEIGHTED IMPACT OF ENTRY ADAS



VALEO SUCCESS ADAS STORIES

Scalable ADAS from TV to 6V5R12U

TV



World's 1st Front camera

with 100° FOV &

Mobileye EQ4mid

TV5R



Best Euro NCAP 2025

in Safety Assist

TV LCV



BEST RATING

on commercial van safety

VALEO ADVANCED RIDER ASSISTANCE SYSTEMS

ARAS SAFETY FOR 2 WHEELERS

Scalable configuration

Ready for Passive & Active safety

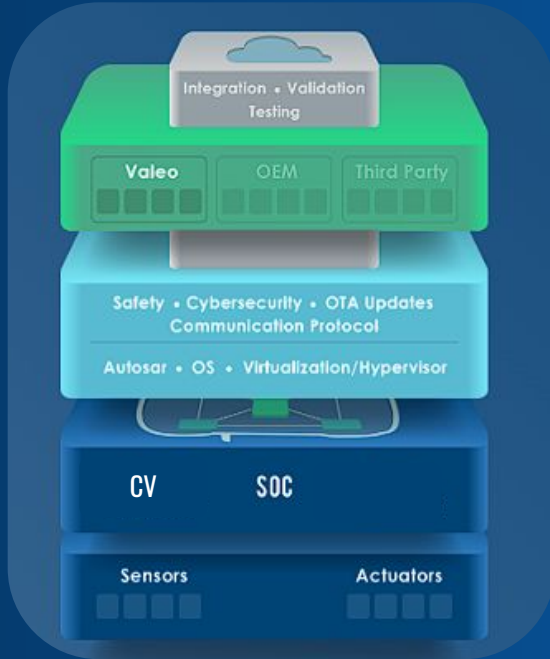
Capable of onboard video recording

Seamless integration with IVI



VERTICAL INTEGRATION AND AI USAGE

The Real Magic Leads in the Software



Central Sensor Fusion

Facilitates OTA Updates

Scalable Compute Power

Extendable Safety concept

Upgradable over lifetime

Automated testing

VALEO SMART SAFETY 360

Affordable ADAS up to L2+

'Zero accidents' requires ADAS solutions tailored to Entry Markets

VSS360 is a scalable, cost-optimized ADAS system solution

1-stop-shop solution from basic safety to advanced L2+

Proven solution, outperforming complex ADAS systems



THANK YOU !

