

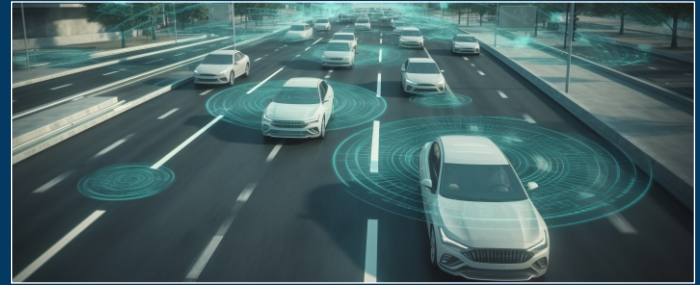
# ALTEN Global Technologies



ALTEN Global Technologies Private Limited (ALTEN GT) is part of the ALTEN Group of companies with primary focus on Automotive, Aerospace, Embedded & Enterprise products and engineering services.

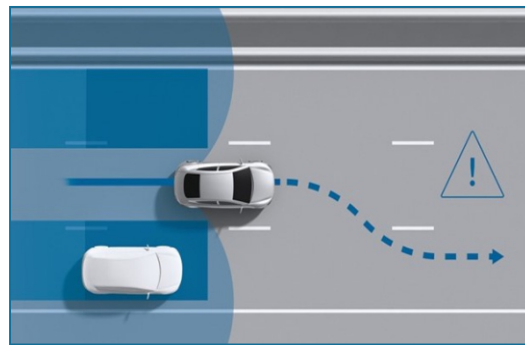
With strong background in Built-to-Spec Safety Critical Product Development, ALTEN GT has made significant contribution towards been working on the automotive vertical in the areas of GPS, Telematics, Motor Control Units, Communication Stacks, Bootloaders & Functional Safety Engineering Services on several customer programs

Over the years, ALTEN GT has chartered an impressive record of accomplishment In customer satisfaction, innovation, sales and profitability. This has been made possible with continuous enhancement of Competence in Technology, Quality Processes, Project Management and Customer Focus.



## ADAS Offerings

### ADAS Competency Service Offerings

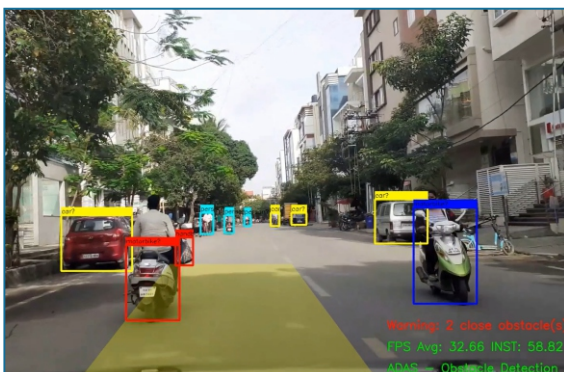
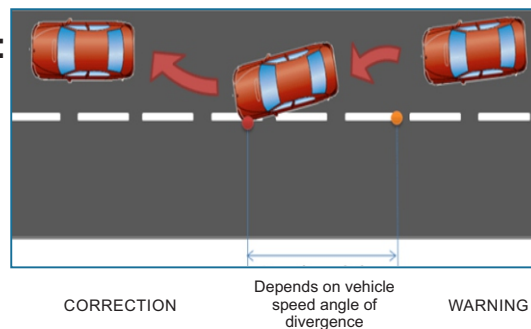


#### Radar based services offered:

- Adaptive Cruise Control - ACC
- Forward Collision Warning - FCW
- Automatic Emergency Breaking - AEB
- Blind Spot Monitoring - BSM
- Rear Cross Traffic Alert – RCTA

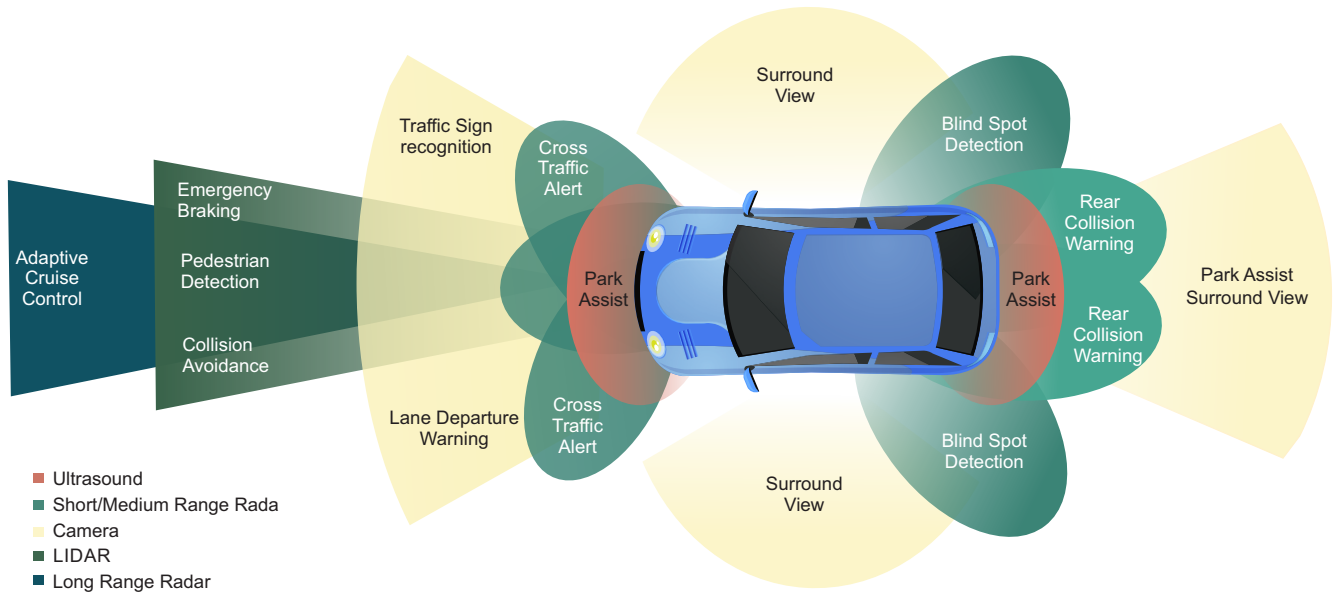
#### Camera based services offered:

- Lane departure warning - LDW
- Lane keeping assistance - LKA
- Lane Centering - LC



#### AI/ML based services offered:

- Obstacle Detection  
(Pedestrian and Other Object)
- Traffic Sign Detection,
- Driver Drowsiness Detection,
- Driver Monitoring

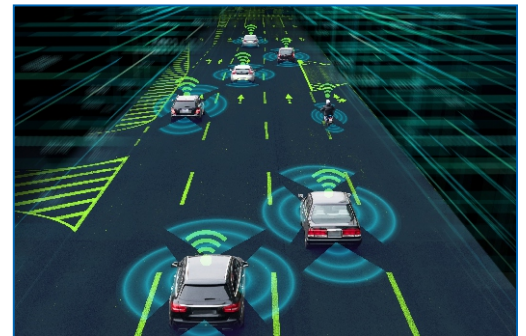


- Model Based development of ADAS features.
- Design and Development of Embedded Software
- Software Design and Development

- HW Design and Development
- SIL, MIL and HIL Testing
- Functional Safety-ISO26262

## Advantages

- Improve safety on the road for everyone (driver, passenger, pedestrian)
- Reduces accidents related human errors
- Fuel efficiency can be maintained with the assistance ADAS features.
- Proper judgement can be made with the help of ADAS features.
- ADAS features help stress free driving
- ADAS feature will help to take the right decision during traffic congestion
- Driving Assistance system will be helpful for the long-distance travelers



EgoVelocity = 10.30 m/s  
 SetVelocity = 21.50 m/s  
 Steer Angle = 25.78 deg  
 Mio TrackID = 3  
 Acceleration = -1.82 m/s<sup>2</sup>  
 Brake = 0.00 m/s<sup>2</sup>

12:46:50

1 ACC  
1 FCW  
0 AEB  
0 BSM  
0 BSM  
0 RCTA  
1 LDW  
1 LKA  
0 LC

Legends  
 ■ No warning  
 ■ Low alert  
 ■ Medium alert  
 ■ High alert

ACC ON  
FCW ON  
AEB ON  
BSM ON  
RCTA ON  
LDW ON  
LKA ON  
LC ON

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