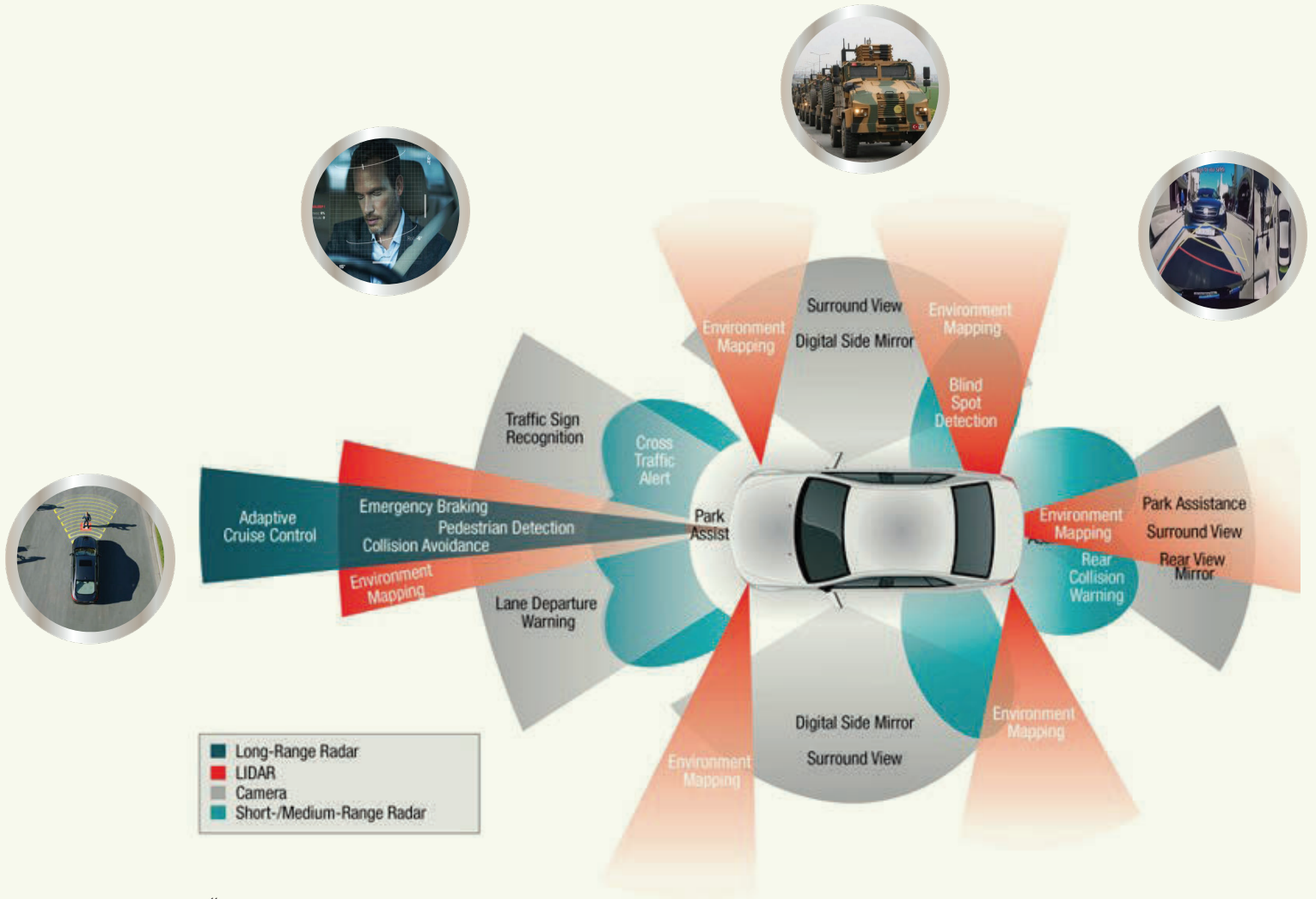
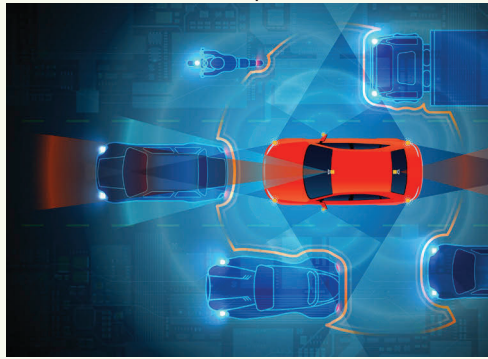




Advanced Driver Assistance System (ADAS)



"Real time Bird's eye view with mutple cameras"



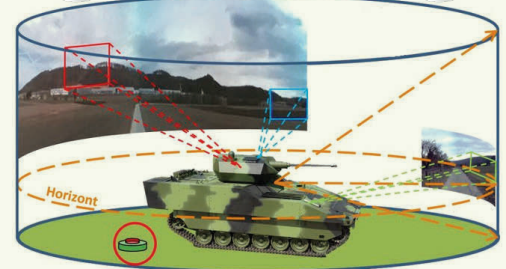
Automotive Industry

- Bird's Eye View
- Driver Drowsiness
- Blind Spot Detection
- Pedestrian Detection
- Traffic Sign Recognition
- Lane Departure Warning and Assist



Defense Industry

- Armored Car Surveillance
- Following the Convoy
- Trap and Mine Detection



%100 Yerli ve Milli Çözüm!



Advanced Driver Assistance System (ADAS)

ADAS is a complete system to assist the driver in the driving process. This system is developed to automate, adapt and enhance vehicle system for safety and better driving. For these purposes, our ADAS system uses the following sensors:

- 4/6/8 Cameras
- Long-Range Radar
- LIDAR
- Short-Medium Range Radar

All of the data from sensors and cameras are processed together to create different kind of assistances like the following:

- Bird's Eye View
- Blind Spot Detection
- Driver Drowsiness Detection
- Lane Departure Warning and Assist
- Pedestrian Detection
- Traffic Sign Recognition

It is also important to mention that, even though ADAS systems do not provide Automated Driving by themselves, they are essential to get started for more advanced systems.



ADAS system can also be used in defense industry with the following features:

- Armoured Car Surveillance: Can be achieved by using multiple cameras and sensors. If an enemy is close, the system will give an alert.
- Following the convoy: Our system will be able to give feedback, according to the metrics that are provided before, for following the convoy vehicles
- Trap and Mine Detection: Trap and mine detection works with machine learning algorithms and camera inputs. The pre-learned machine learning algorithm will be able to detect possible traps and alerts the driver by display and sound.