Automated mobility

Urban mobility is highly complex and brings with it many risks. Cyclists and pedestrians in particular are the ones most vulnerable in the case of a traffic accident.

Bosch develops driver assistance systems, that avoid accidents in urban traffic involving cyclists and pedestrians or at the least reduce their severity.

Automatic emergency braking on cyclists employs surround sensors to detect cyclists alongside and ahead of the vehicle and initiates a full emergency stop when required.

Car exit warning detects road users coming up from behind. In case of danger, it provides a warning that prevents drivers and their passengers from opening the door.

The predictive pedestrian protection system warns of the risk of collision with pedestrians, initiating a full emergency stop at speeds up to 60 kph when required.

Driver assistance systems keep their eyes open

up to

43% of accidents involving cars and cyclists can be avoided or at the least reduced in severity*. 

more safety

is guaranteed through the automatic emergency stop, that can be initiated at speeds up to 60 kph.

* in Germany, if every car would be equipped with automated emergency braking on cyclists; Bosch Unfallforschung