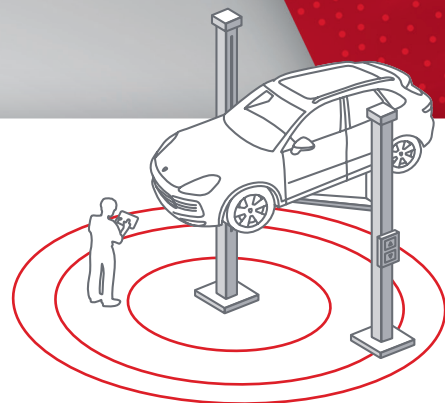


Road safety

» Goal

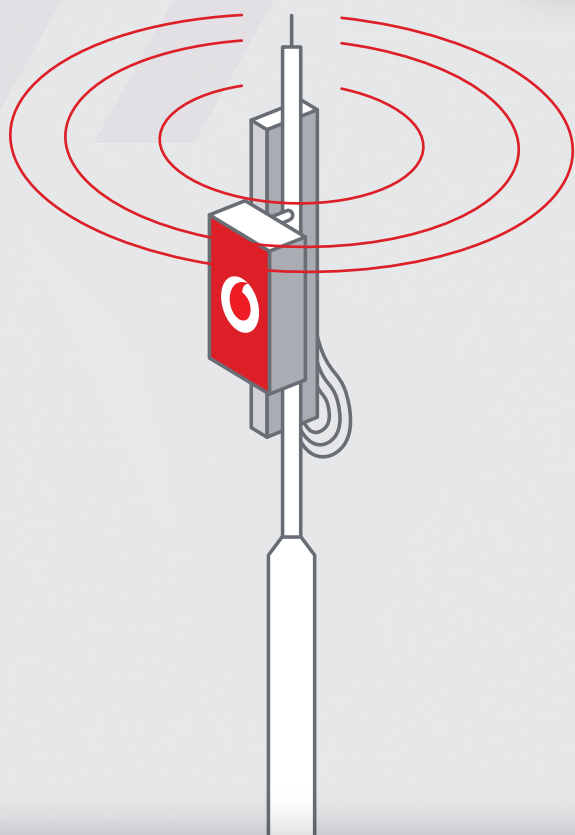
Trialling how 5G technology and highly precise location determination can improve traffic safety and reduce the number of road accidents in the future.

HERE Technologies, Vodafone and Porsche are collaborating in the development of a real-time warning system so that vehicles and their drivers can receive hazard warnings directly, without any delay, and therefore be responded to immediately.



» 1. Identification of pedestrian

HERE Live Sense integrated into devices with a front camera identifies pedestrians using computer vision and AI.



» 2. Analysis without delay

Positioning technology checks whether the identified dangerous situation has an impact on other road users.

» The analysis takes place without delay in small real-time data centers (Multi Access Edge Computing) near cell phone towers.



» 3. Warning of hazardous situation

Alert is broadcast to nearby vehicles based on Live Sense SDK. A message broker filters out the correct recipients.



5G technology

Transmits the data in real time