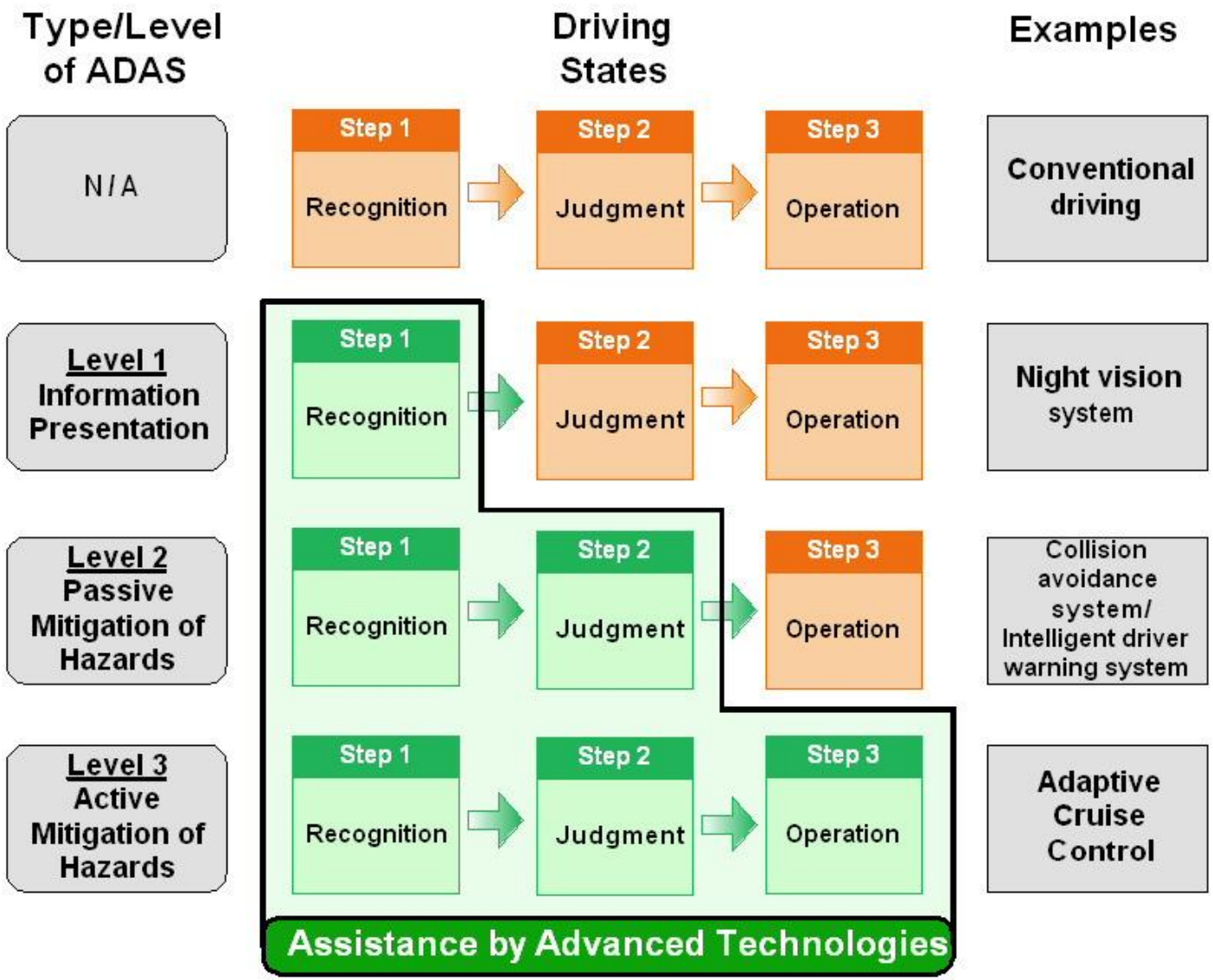
Reasons for Accident

WHAT IS DRIVER ASSISTANCE SYSTEM?

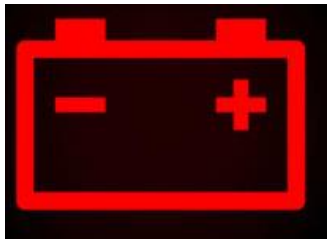
- **Driver Assistance Systems** are designed to work together to automate and enhance vehicle safety by alerting the **driver** to potential problems and avoid collisions.


Type/Level of ADAS
Driving States
Examples
N/A
Step 1
Recognition
Step 2
Judgment
Step 3
Operation
Conventional driving
Level 1
Information Presentation
Night vision system
Level 2
Passive Mitigation of Hazards
Collision avoidance system/ Intelligent driver warning system
Level 3
Active Mitigation of Hazards
Adaptive Cruise Control
Assistance by Advanced Technologies

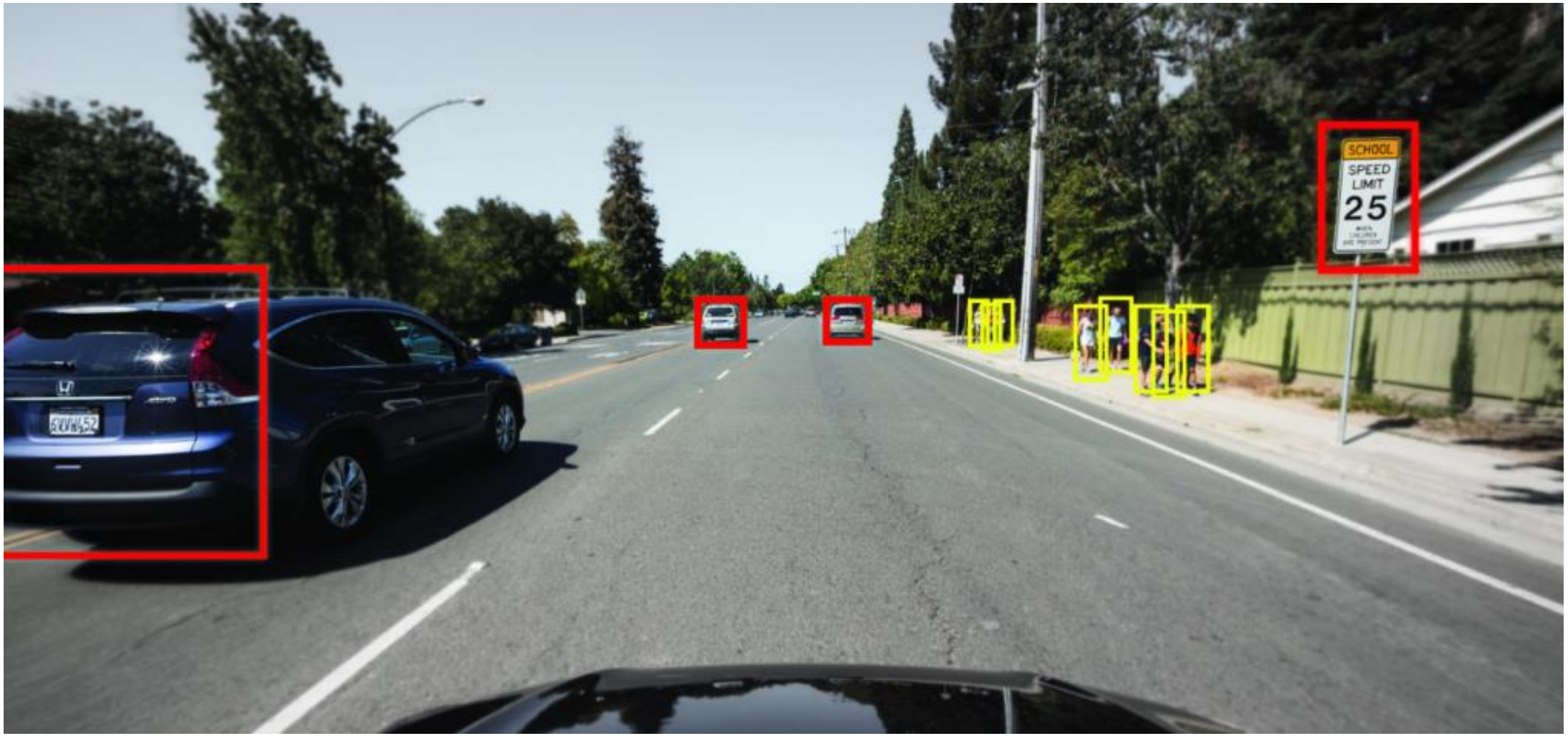
DRIVER INFORMATION SYSTEM

- **Driver Information System** is a **system** that displays **information** in the centre of the instrument cluster where it can be checked quickly and easily

DIFFERENT SIGNS



WHAT IS DRIVER PERCEPTION?

- The most important consideration regarding perception while driving is the actual **visual acuity** of a driver.
- There are a number of factors that can affect perception while driving, though among the most common are distractions, alcohol consumption, and sleepiness.
- Basic eyesight is one of the most important considerations for perception in terms of general vision

PERCEPTION IN AUTONOMOUS CAR