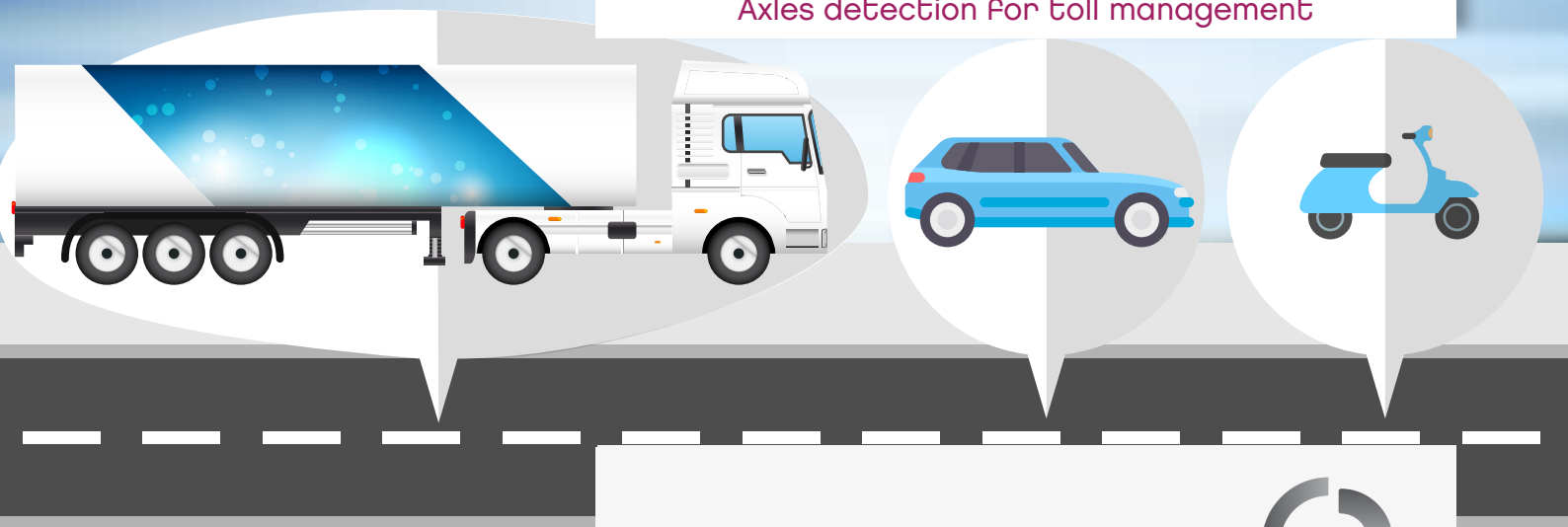
TOLL-DETECT

Axles detection for toll management



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BENEFITS

Sensitive
Detects all type of axles
(motorcycle, car, truck)

Invisible
Sensors buried into the lanes

Reliable
Well proven technology

Durable
Long-lasting without maintenance

Cost effective
Low-cost technology

DEFINITION

The Toll-DETECT device is a complete set of sensor and detector dedicated to axle detection and vehicle classification, to be integrated within a Toll Management System.

APPLICATIONS

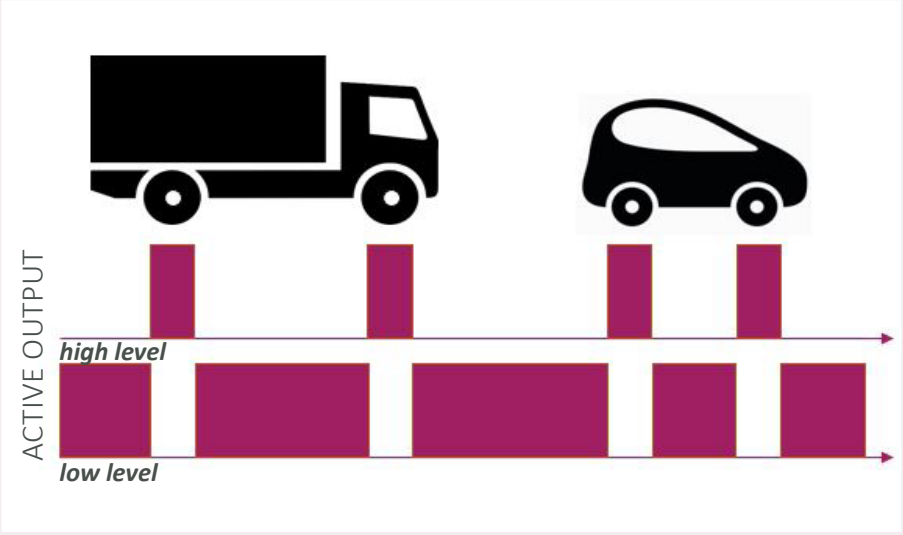
- Detecting axles as they approach or exit a toll crossing.
- Interfacing with traffic toll controllers to detect and classify bikes, cars and trucks.

TOLL-DETECT

SPECIFICATIONS

CHARACTERISTICS

- **Sensor length** : variable from 1m to 4m with 50cm step
- **Waterproof** junction connector
- **Size** of junction connector : 130x35mm
- **Supply voltage** : 5.5VDC to 30VDC
- **Power** : less than 0.2W
- **Electrical interface** : 3 or 4 wires
- **Output signal** : open collector, high or low active level
- **Temperature** :-40°C to +70°C



OUTPUT LEVEL

- Active output at **high level** is required for quick detection of cable break between the operating system and the TOLL DETECT device.
- Active output at **low level** is optimized for low power consumption since collector current only flows when an axle is detected.

EASY TO INSTALL

1. Cut

2. Lay

3. Fill

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