

# Smart parking system



## Wireless Parking system



**PARKVIEW**

The LORA wireless parking system is designed to provide information about the availability of places in outdoor parking lots.

The system is composed by the following elements:

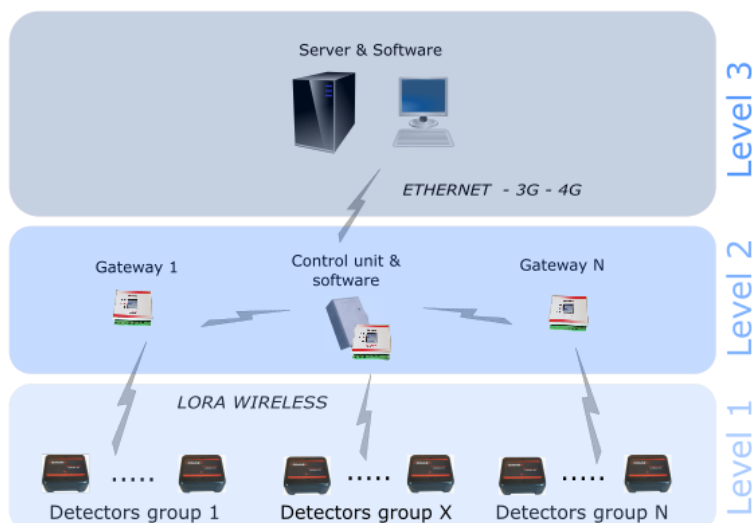
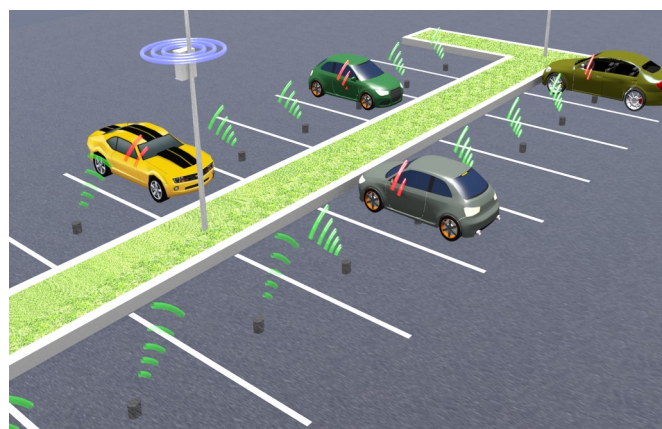
- Lora wireless magnetic detectors (LOMAG) to install in each parking place
- Lora wireless gateway (LOGAT) to collect data from the detectors
- A local control unit with a CPU and a software to retrieve data from the gateway and send them to the central control server and software
- A central control server and software (cloud) for data analytics and reporting

The system is very accurate in the monitoring of free spaces in on-street and off-street parkings.

The great advantage of the wireless solution is the ease and speed of installation. The LOMAG sensors are powered by Lithium batteries that last from 5 to 8 years, so there is no need for cabling.

Every sensor sends the information about the vehicle presence on his place to the gateway. Thanks to the modern IoT communication technology LORA each LOGAT gateway can manage 150 LOMAG sensors on a range of 150 m. for in-ground mounting and 300-400 m. for surface-mounting.

COMARK can provide a complete solution that includes the local control units to receive data from the gateways and a central software (Cloud or private) providing a dashboard for system management and data reporting.



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