



# Smart parking



## You notice:

- A congested traffic flow
- Many drivers in the streets searching for an available place
- Vehicles parked on reserved spaces (PRM, delivery, etc.)



## Citelum's solution, for an optimized and real-time management of the parking area

- **Diagnosis and analysis** of the existing parking area (number of spaces, rotation, etc.)
- **Detection of the parking spot occupancy rate** using devices to monitor their status: camera on-board or fixed on the luminaire for a group of parking spots, ground sensor for isolated parking spot and for drop-off terminals
- Complete and real-time supervision of the fleet via a dashboard with alerts and key indicators (offense rate, etc.) to optimize the rounds of agents
- Real-time guidance of car drivers to available parking spots through a citizen application or dynamic parking guidance

## Did you know?

**30%**  
of urban traffic  
is generated by  
drivers looking for  
a parking space

Only **20%** of  
unpaid places are a  
subject to fine





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## The advantages of the solution:

- Use of an existing infrastructure
- **Tailor-made solution** in accordance with the needs of each city: on-street parking, indoor parking, outdoor parking...
- Possibility to integrate **existing sensors** into the supervision solution

## To go further:

- Use of **predictive devices** to improve the parking offer and to warn drivers
- Possibility to report key indicators in a global hypervisor
- Installation of a **mutualization solution** for public and private parking offers
- Installation of ephemeral car parks during events



## BENEFITS

- A fluent traffic
- An attractive parking offer which revitalizes local life

## REFERENCES



LONATO DEL GARDA, ITALY  
30 spaces managed by cameras



MANDELIEU, FRANCE  
7 car parks equipped with an intelligent parking system