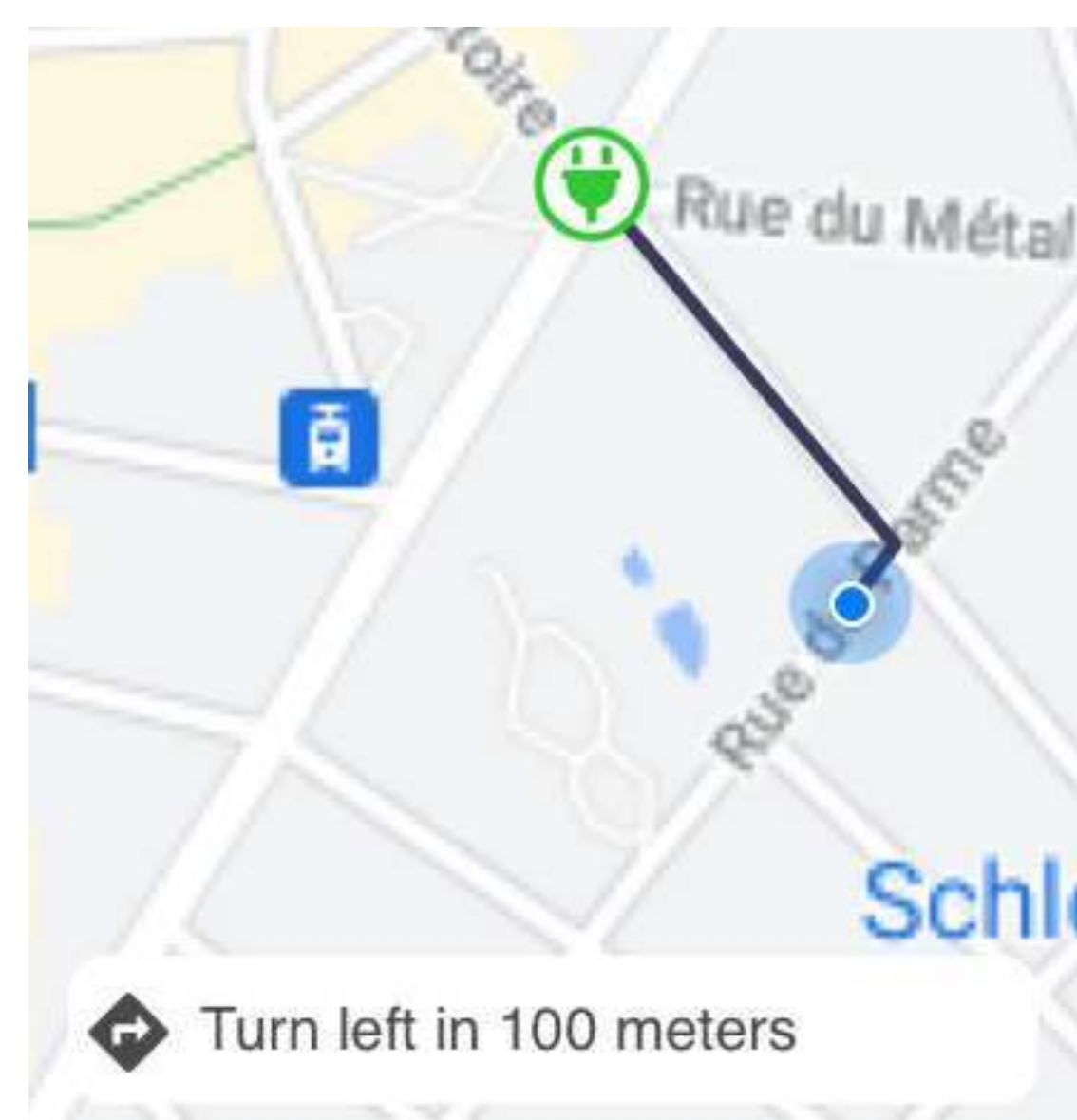
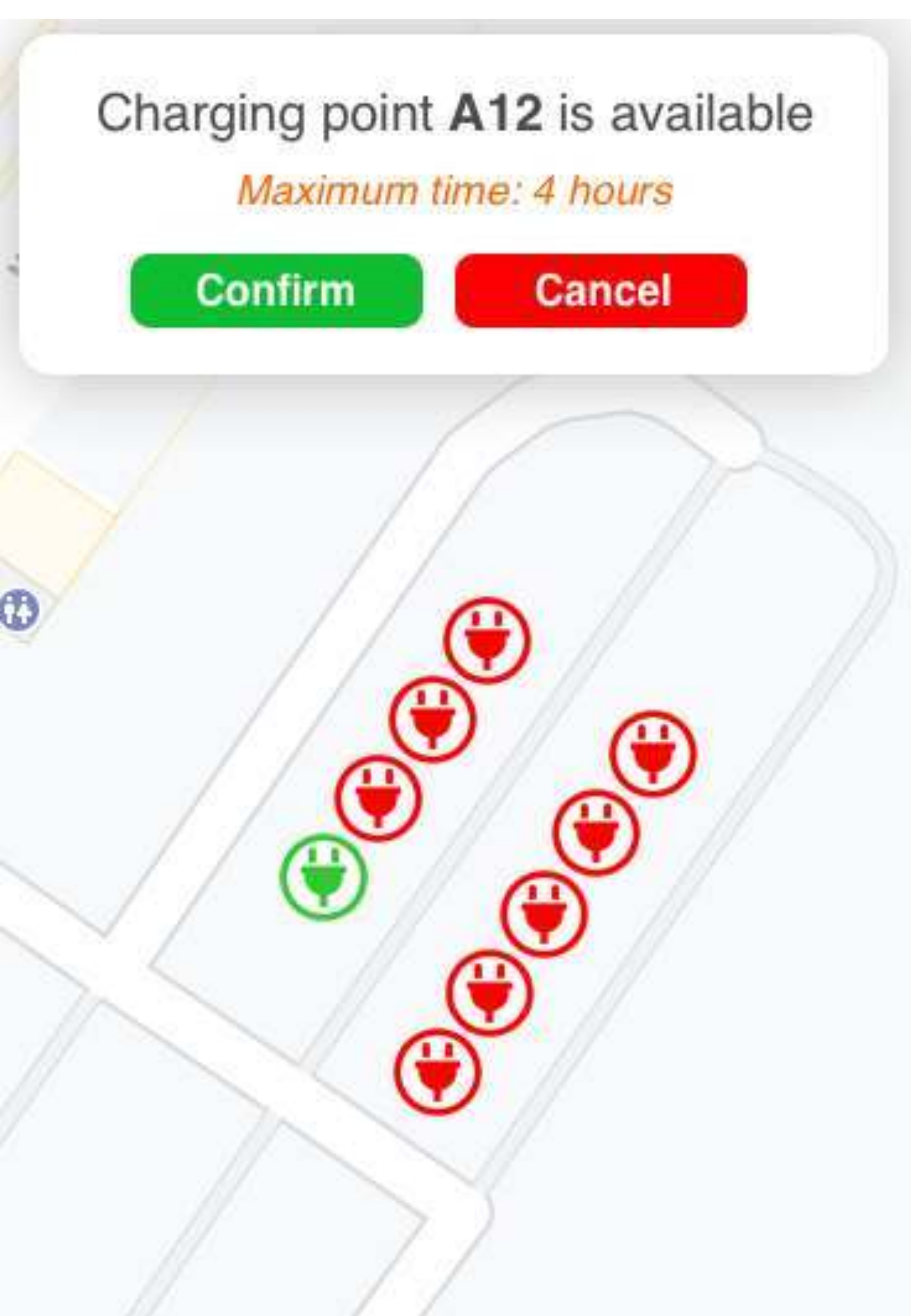


# COMMUNITHINGS EV SPOT MANAGEMENT

Improving mobility at EV charging spot...

Enterprises





# EV SPOT MANAGEMENT

For enterprises



Enterprises across Europe are undergoing extensive efforts to secure adequate charging infrastructure to cater for the rising number of EV fleets offered to their employees.

Given the limited number of charging points available, the need for optimized usage and rotation at each spot are pivotal to a successful service uptake in the years to come.

## THE PROBLEM

EV charging spot occupancy is often hampered by employees who either...

### Occupancy control

1

Park without charging

EV / non-EV cars



Unauthorized parking

2

Stay parked even after charging is completed (Hogging)

Battery 100%

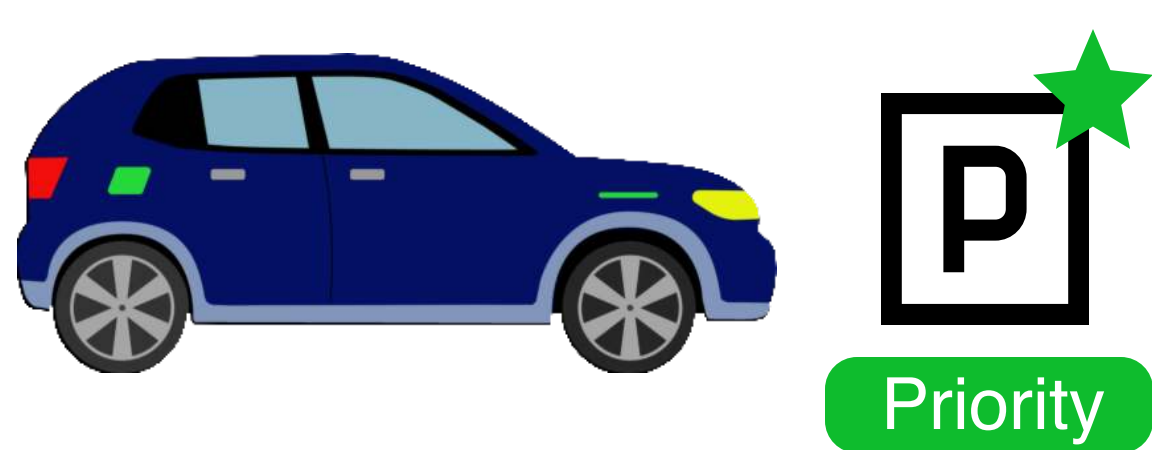


100%

### Accessibility optimization

3

Ensuring those most at need (residing remotely, or having no charger at home) will obtain prioritized access to charging spots



Charging points in place may provide information on vehicles charging, BUT NOT on vehicles parked idly (« ICEing »).

Fleet managers are unable to optimize charging policy and usage at the EV spot.



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## THE SOLUTION

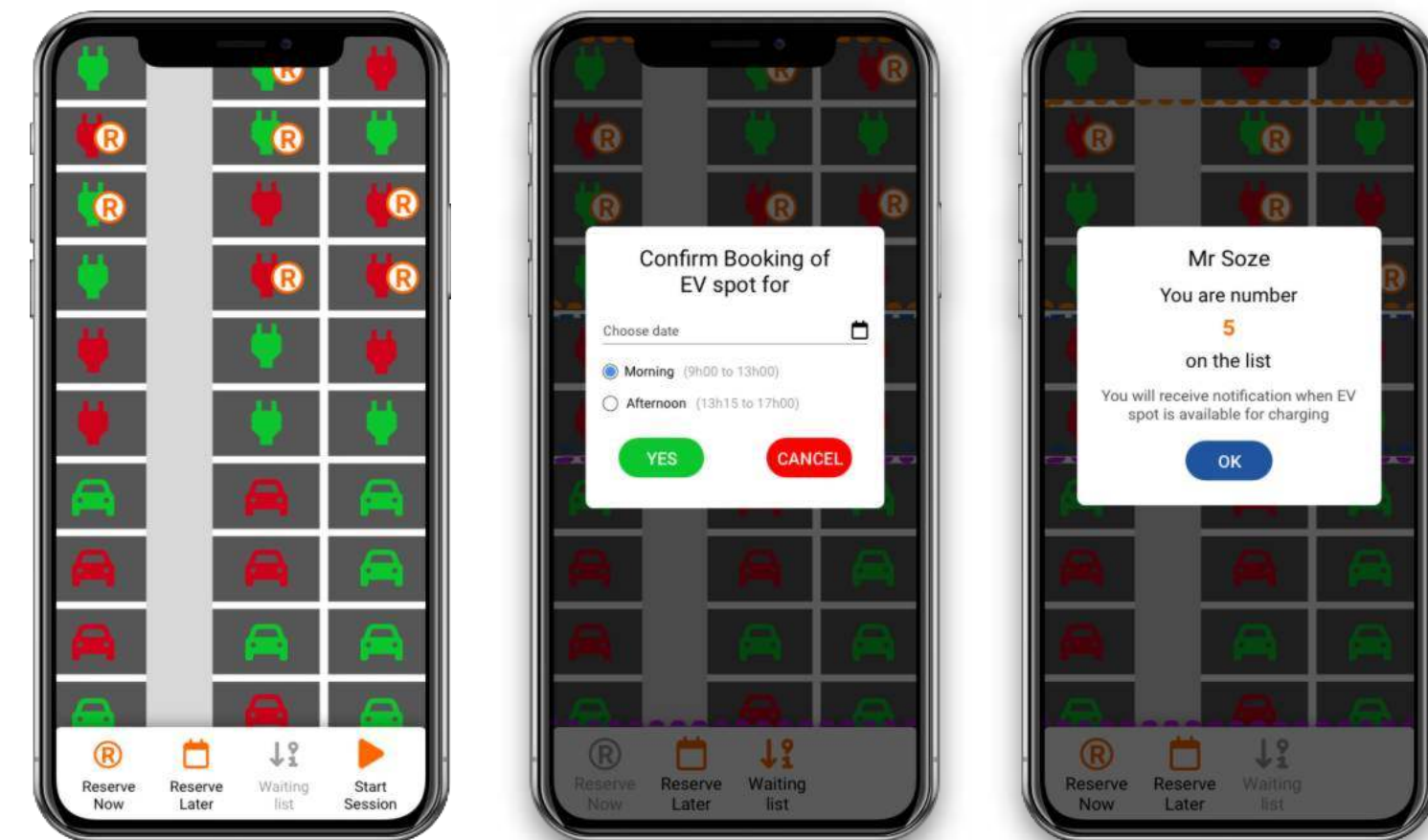


CommuniThings EV spot management platform complements the existing CPO solutions, by overlooking the occupancy at each spot through the use of sensors and cameras. The platform includes:

### User Mobile App & Reservation

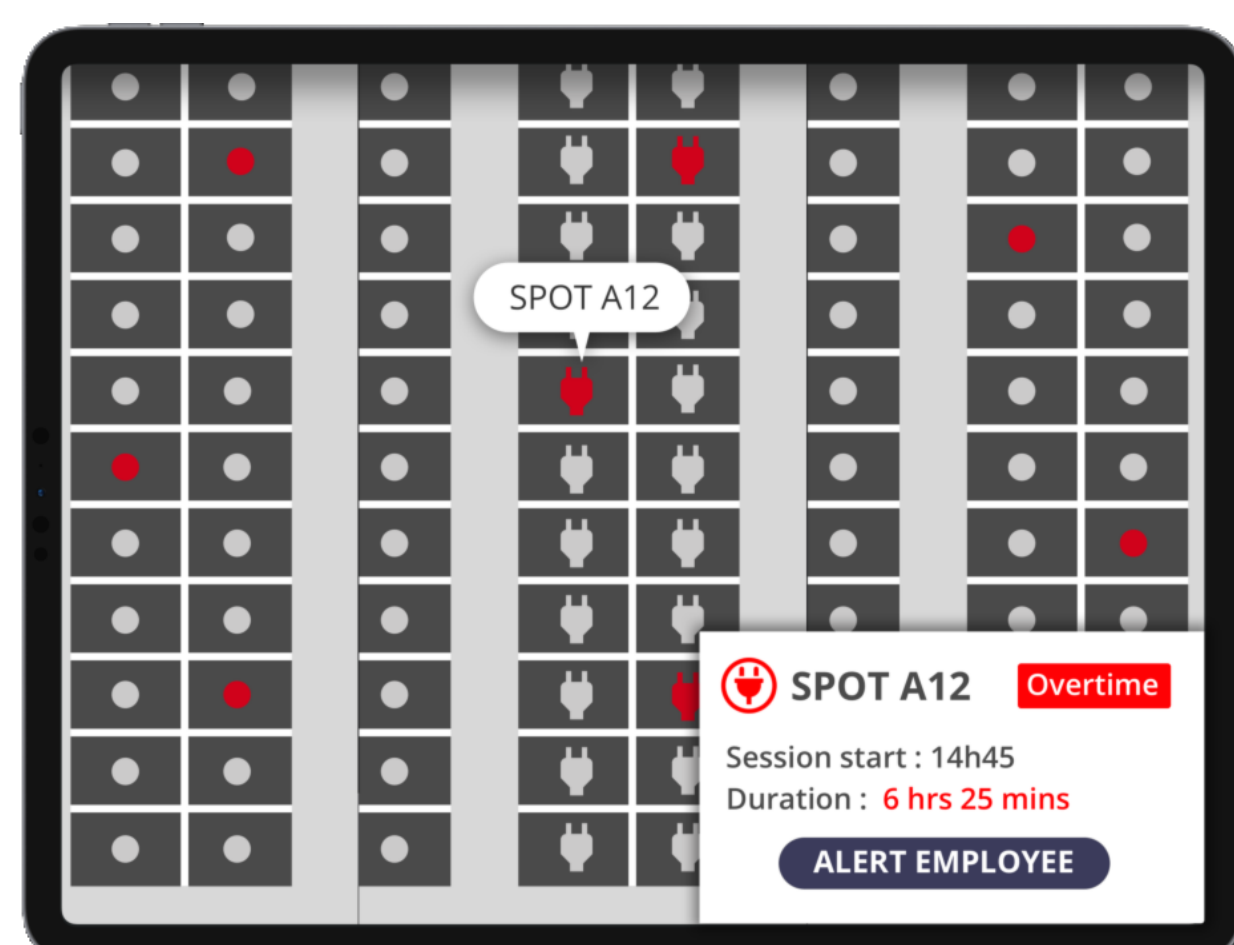
Each employee is equipped with a mobile app, allowing to follow on occupancy status at each spot.

If parking is full, the app allows to register for a Waiting list, or reserve a spot in advance.



### Control

Charging spots occupied without charging, are reported to the parking administrator, and the app prompts the employee to remove their car.



### Policy engine

Employers may adopt a « charging policy », allowing for limited charging duration per employee, + reservation rights based on employee-profile (e.g. sales personnel arriving for a short duration), or personal status (e.g. employees living far away, arriving late to office)



## THE BENEFITS

Through the use of waiting lists and reservation modules, employees are assured of accessibility to a charging spot in the course of the day.

Employers may offer a dedicated « rotation zone » for those in « waiting list », to ensure efficacy of parking rotation (no need to look for parking space before or after charging)

Through the use of control dashboard, employers are able to follow charging misuse and usage behaviour.

The platform ensures rotation in each spot, thereby contributing to charging optimization costs savings to employers.