## PARKÛNLOAD





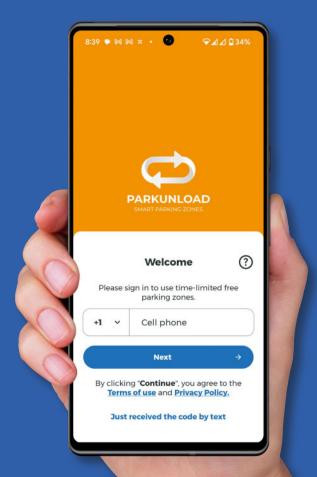




# **Smart Loading & Delivery Zones**

Sustainable City Logistics · Commerce · Residents · PRM · Park & Ride





Since SMART FREE

2017 PARKING ZONES

Free parking zones with time limited for authorized vehicles.



100% DIGITAL REGULATION

Mandatory use of Parkunload to manage parking sessions.

APPS, BLUETOOTH & BIG DATA

Cost-efficient and extremely easy-to-install, scale and use.



FULL FEATURED PLATFORM

App for drivers. App for officers. BackOffice. Big Data Analytics.

350,000 APP USERS 4.7 / 5 APP REVIEWS

9 LANGUAGES PATENTED EU · US · CA







## **HIGH SHORT-TERM PARKING DEMAND**

Deliveries · Urban freight · Residents · Business · Shopping · Pick-up · Riders



## **MISUSE OF PARKING SPACES**

Parking overtime. Lack of permit.



## **LOW TURNOVER** & DOUBLE LINE

Lack of spaces at peak hour.



## **CONGESTION** and **POLLUTION**

Highly polluting vehicles.



## **INEFFICIENT ENFORCEMENT**

Expensive parking enforcement.

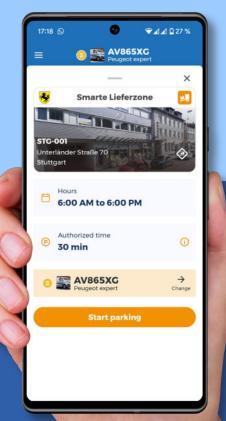


## NO REAL-TIME. **NO BIG DATA**

Lack of parking patterns.



#### **APP FOR DRIVERS**



**Bluetooth** 

PARKING SIGN WITH BLUETOOTH SENSOR





Automatic zone detection via Bluetooth.



Mandatory check-in with digital means.



Variable parking time limit.



Comprehensive for all.



Low Emissions Zones.

\* Based on parking control method patented in Europe, US and Canada.



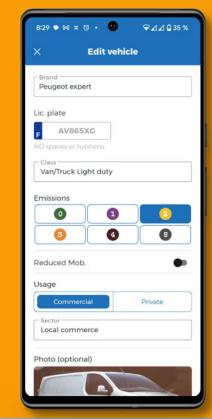


# ONLY CELL PHONE NUMBER

Verified via SMS.

- Terms of use.
- Privacy policy.

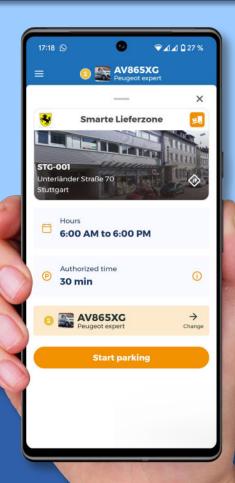
# ONLY REQUIRED VEHICLE DATA





- License plate. Emissions.
- 9 vehicle types.
- Private · Commercial · Reduced Mob.











#### 9 x VEHICLE TYPES

Car · Van · Truck · Heavy Truck Light Commercial Veh. · Motorbike Coach · Motorhome · Cargo-Bike

**Also Vehicle emissions** 



# REGULATION HOURS PER WEEKDAY

Peak & off-peak hours

Holidays per zone



#### **COLLECTIVITIES**

Residents · Shop owners
Professional sector
Employees

**Available API Integration** 

Not authorized

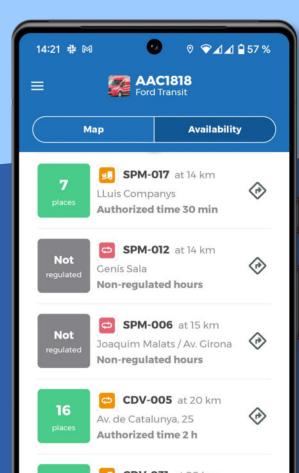
Authorized

Non-regulated hours

No-return

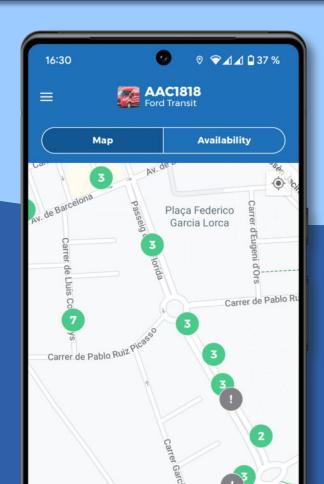
Festivity or Holidays

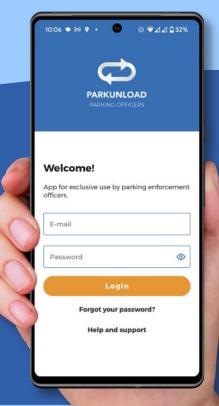




# PARKING STATUS OF NEARBY ZONES

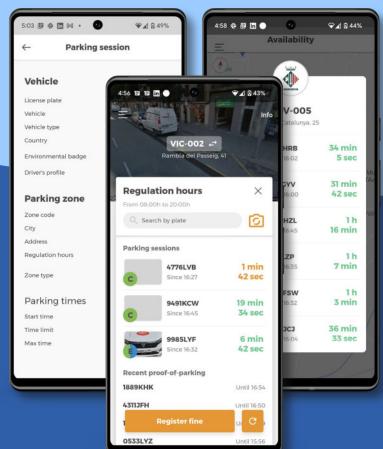
- Zone location.
- Parking permit.
- Time limit.
- Available spaces.
- Distance.
- Navigation.
- Out of hours.





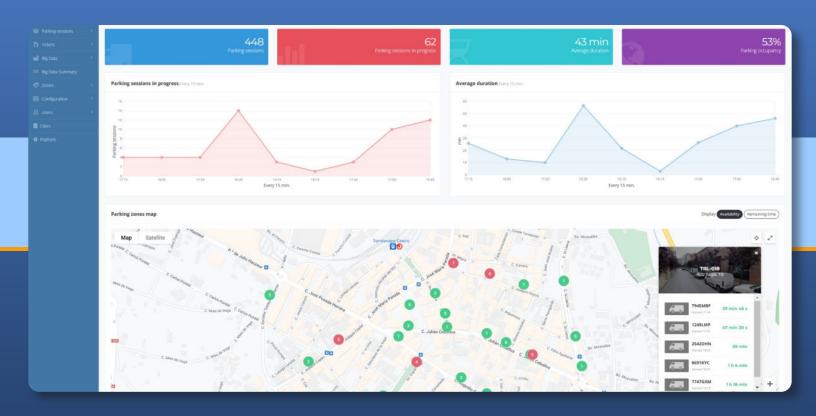


- Download from Google Play.
- List of vehicles per zone.
- **W** Remaining parking time.
- **V** Filtered by license plate.
- License plate recognition.
- ✓ Worst case real-time map.
- 🔽 Automatic infringement.
- Ticket management.
- API & Vehicle integration.





Dashboard · Real-time KPIs · Parking sessions · Parking tickets · History · Users & Agents Groups · Types of zones · Zones · Parking regulations · Bluetooth sensors · Calendar · Settings



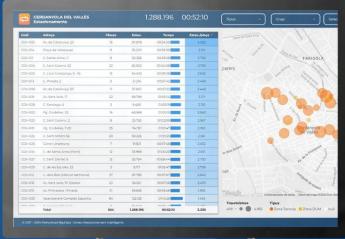


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- Parking rotation ratio.
- Parking occupancy ratio.
- Users & Vehicles.





- Fast calculations.
- Dynamic reports.
- Multi-filter.
- PDF export.





- In-vehicle solution.
- Ultra-fast START.
- Automatic STOP.

# ARKÛNLOAD













- Mandatory use. 100% digital.
- Clear User Interface · App-based.
- Easy to install, scale & transfer.
- No Roadworks.
- No add-on telecoms.
- No Power grid.
- No Credit cards.
- No QR Code for zone ID.
- Accurate location with Bluetooth.
- Cost-effective. High ROI.
- Focused on Smart Free Zones.

#### Parking space sensor



Optional · Availability
High cost · Unreliable · Comms

#### Camara-based solutions



Optional · Availability

High cost · Roadworks · Power grid

#### Paid parking apps



Targets on/off street parking
Different business model · % fee

#### Bookable · QR links



Unpractical · Risk of fake QR
Different business model · % fee





HIGHER ROTATION: +30%

ILLEGAL PARKING: -50%

AVAILABLE SPACES: +30%



LESS CIRCLING FOR PARKING

NO DOUBLE LINE PARKING

REDUCING CONGESTION



LOW EMISSIONS ZONES

LESS MILES PER DELIVERY

REDUCING AIR POLLUTION



**FINANCIALS** 

ENFORCEMENT x3

HIGH RETURN ON INVESTMENT

SCALABLE & FEASIBLE



### **SMART LOADING ZONES · SUSTAINABLE CITY LOGISTICS**



















- · Smart Loading zones.
- · Smart Delivery zones.
- + Authorized.
- + Residents.
- · Vans, light commercial vehicles and trucks.
- · From 15 to 30 min. Trucks (120').





















- Free short-term parking.
- · Pick-up & Drop-off zones.



- · Residential parking.
- · Private vehicles.
- · Authorized vehicles (Residents, ...).
- · From 60 to 150 min.



## **7AM - 7PM**

Monday to Saturday

**ONLY PICK-UP** OR DROP-OFF

Zone Code: PHL-000



Download PARKUNLOAD App to manage parking sessions.









rking zone detected by Bluetooth. • help.parkunload.com



+5.000 **SPACES**  200.000 **USERS** 

300.000 **VEHICLES** 



















- · Park & Ride, only for commuters.
- · Deterrent parking.
- · Only Commuters from 5AM to 5PM.
- · Doble validation via Bluetooth.
- · All day free parking for commuters.



+400 SPACES 5.000 USUARIS 6.000 VEHICLES

# PARKÛNLOAD



## **Smart Free Parking Zones**

App for time-limited free parking zones



**Smart Loading Zones** 



Free short-term parking



Residents only parking



**Priority parking zones** 



Park & Ride only commuters



**Customers only parking** 

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