

Parking for Smarter More Liveable Cities

Digital Twin, Agentic AI and IoT solutions
for efficient, sustainable and
user-friendly parking management



SENSORS AND GATES



REAL TIME DATA



OFF-STREET AND ON-STREET PARKING



USER APP



REPORTS



PERMISSIONS, FINES, USER ENGAGEMENT



OPTIMISED PAYMENT MODELS



AI & ANALYTICS



LESS EMISSIONS

HIGHER
EFFICIENCY

BETTER
SERVICES

DATA-DRIVEN
DECISIONS

AI INSIGHTS
& PREDICTIONS

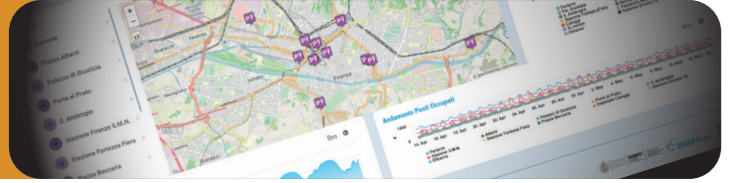
WHAT SNAP4PARKING CAN DO?

From real-time data to smarter mobility.

01

MONITOR

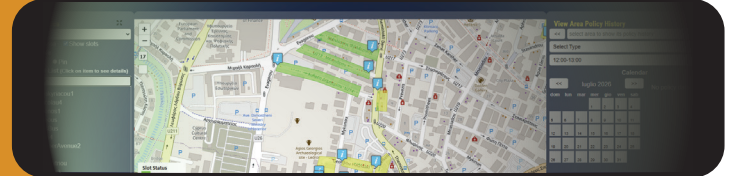
Real-time status of on-street sensors, parking facilities and access gates.



02

MANAGE

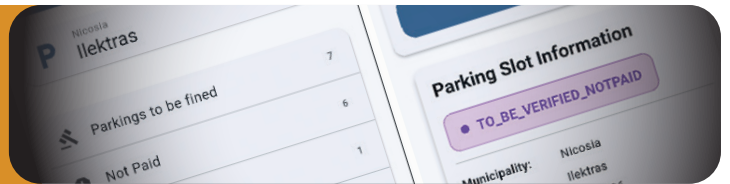
Permissions, subscriptions, rates and business models by area and user type (residents, visitors, disabled, delivery, operators...).



03

ENFORCE

Tools for on-road operators, fines management and violations.



04

INTEGRATE

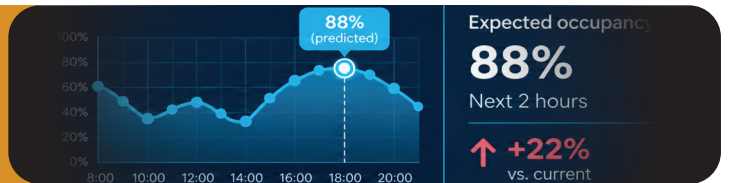
Connect with city services and other smart systems.



05

PREDICT

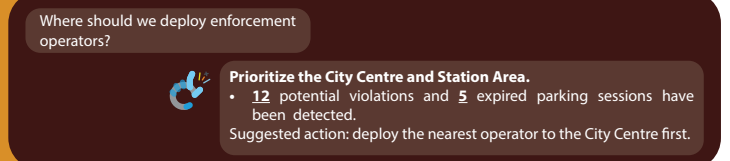
AI-based forecast of occupancy, demand and potential congestion.



06

ASSIST

Ask the AI Assistant for insights, forecasts and recommended actions through natural-language interaction



The Snap4Parking: Snap4City Smart Parking solution is a Digital Twin significantly contributing to the operation management and sustainability of municipalities to serve city users (residents, disabled, operators, and visitors) and to more efficiently manage the use of resources in combination with the collected and analysed data and AI.

The main goals are the reduction of emissions informing the drivers of the free slots in simple and timely manners, routing capabilities, and predictive information, supporting parking solutions off- and on-roads, any kind of parking slots and users, supporting a large range of modalities of payments and business models which can be differentiated by area and by municipalities, and that supports the possibility of taking into account permissions and subscriptions (for parking, for entering in restricted zones, using services, delivering), special needs of disabled, city operators, residential, commercial operators, etc.

LESS TRAFFIC - FAIRER PARKING - CLEANER AIR - MORE LIVABLE CITIES

FROM PARKING DATA TO SMARTER CITIES

The **Snap4Parking** provides views/dashboards for the different services, municipalities and operators. The Solution allows at the operators to keep under control the status of: parking sensors on-roads, off-road parking facilities, gates for entering in the city or parking areas (Snap4Gates), revenues, KPIs, and for deciding the best payment profiles for the different city areas and services.

The **Snap4City Mobile App** for city users (see Smart Cyprus Mobile App) provides services for the drivers which are looking for parking, informing them of free parking lots in their preferred area, and predictions, providing rates, and accounting them only the effective number of minutes they stay or by using pay in advance (if the business models has been selected), also receiving notifications some minutes before the parking time expiration.

The **Snap4City Mobile App** for city users supports multi services, multiple cities and may include parking, info mobility, permissions, user engagement, production of complains, payments, monitoring the city conditions, monitoring wastes conditions, etc.

Snap4Parking also includes back office and a **Mobile App for the Enforcement of Fines for On-Road Operators**, which is provided to the municipality operators to easily identify the areas in which their intervention would be needed, the number of infractions for unpermitted parking and overparking, the path to reach them.



For parking operators, integrating the **SnapAdvisor AI agentic assistant** into a **Snap4Parking** and permissions management system can provide an intelligent operational layer that continuously analyzes occupancy, access rights, permits, user interactions, anomalies, and service performance. SnapAdvisor can help operators detect critical situations, forecast congestion or capacity issues, identify unauthorized or unusual parking behavior, summarize operational KPIs, suggest corrective actions, and support permit and access-management workflows through natural-language interaction. This reduces manual monitoring effort and enables faster, more informed decisions while maintaining role-based permissions, traceability, and controlled access to sensitive functions.

SNAPADVISOR - YOUR AGENTIC AI ASSISTANT FOR SMARTER PARKING MANAGEMENT



Which areas need attention in the next 2 hours?

SnapAdvisor

3 areas need attention. Central Station is expected to reach 95% occupancy occupancy within 45 min. Old Town is already at 91%, while P3 shows an unusual increase in demand.

Suggested action: redirect drivers to P2 and update digital signage.



From data to action

- ☒ Detect anomalies
- ☒ Explain probable cause
- ☒ Recommend actions
- ☒ Evaluate scenarios (What-if)
- ☒ Support authorised workflow

ONE CITY. ONE PLATFORM. MANY INTELLIGENT SERVICES.



OPEN

Based on open and full interoperable framework



SCALABLE

Multiple cities, tenants and verticals



SECURE

RBAC, cybersecurity & GDPR compliance



FLEXIBLE

Cloud, SaaS and on-premise deployment

TRUSTED BY

Cyprus Ministry, EC Ispra JRC, Nicosia, Paralimni-Deryneia, Ayia Napa, Strovolos, Lakatameia, Latsia-Geri, Larnaca, Dali, Athienou, Lonato del Garda... and many more...