

SMART PARKING MANAGEMENT SYSTEM

Autonomous parking management system to optimize your revenue, and improve user experience.



WHY CHOOSE US

- ✓ Dimonoff has been creating sustainable connected solutions that optimize the operational processes of cities and infrastructures.
- ✓ This mobility solution made up of an IoT management platform and connected objects meets the challenges of parking management and usage of parking spaces.
- ✓ No technological lockdown: This solution can be used as a standalone parking management system and can also integrate third-party parking solution.

FOR MANAGERS

- Dynamic price adjustment based on real-time occupancy
- Dynamic management of access rights to different parking areas
- Improved security by using data provided by analytical functions
- Planning of periods of repairs, maintenance and special events

FOR USERS

- Real-time parking occupancy information
- Priority access to the right types of parking
- Simplified payment and booking
- Better parking experience

Worldwide IoT Expertise

18+
Years of Experience

575+
Completed IoT Projects

6+
Countries

Parking Management System Components



Spatium Platform

Spatium allows **remote management, monitoring and control of your indoor or outdoor parking areas**. Allows you to manage a complete ecosystem of IoT solutions:

- Parking status monitoring
- Payment
- Restricted space control
- Reservation management
- Event management
- IoT devices integration



Automatic Commissioning

Easy creation of connected objects in the platform with their properties



Open API - APDS Compliant

For simple communications with external systems



Interoperability

Compatible with various networks & connected objects



Event Management

Manage your construction work, laws and special events



Access Control

For better management of restricted access to specific areas



Analysis & Visualization

Your parking data now make sense thanks to a simplified dashboard



MPS Sensor

Parking space detector that monitors two locations simultaneously. It detects the occupancy state thanks to a LiDAR distance measurement.

Battery or wire operated, for small and large projects, it can be installed in outdoor curbside parking, and on the ceiling of a multi-story parking lot.

This all-in-one, wireless, future-proof system includes a firmware architecture that adapts to evolving radio technologies (LoRa, Bluetooth, NBIoT).



Weatherproof



1 sensor for 2 parking spaces



Quick and easy inside/outside installation



Very low installation cost: no wiring needed



5 years battery life



Automatic commissioning



LED indication status of the parking space



Sensor obstruction detection

Gateway M1

Enables wireless communication between connected devices and the Dimonoff Spatium software platform.

Each gateway autonomously manages a group of connected objects, communicating via LoRa or LoRaWan, eliminating any dependence on a central server.

Gateways are enclosed in NEMA4 (IP66) cases.

