

INDOOR SMART PARKING MANAGEMENT SYSTEM

BUSINESS CASE



MARKET CONTEXT

The availability of parking spaces in private or shopping center parking lots is a critical issue for parking managers today .

It is estimated that on busy days, at least **10% of shopping mall customers turn back** once they arrive at the mall due to lack of information about parking availability and long search times.

Likewise, long search times increase stress, decrease attention, increase the risk of accidents, and therefore negate the user experience and satisfaction.

Parking lot owners and managers must therefore adapt to this growing pressure of demand in order to maintain and improve the level of satisfaction of their ever-changing customers and not lose them.

Statistics in the Current Context



30%

of drivers
abandon a trip
due to a long
search for parking



90%

of vehicles
look for
a parking space
every day



20 min

on average
to find a
parking space



60%

of drivers
are late for an appointment
due to time wasted
searching for parking



Indoor Parking

Curbside Parking



OUR SOLUTION

Dimonoff's Parking Management System is an open system that informs users of available spaces in real time and allows them to park faster.

Based on Spatium, a complete IoT platform, the offering can be used as a standalone parking management system combined with our status detection sensors, or complemented with additional systems such as third-party payment applications, a pay station system, smart directional signs, access barriers, license plate control cameras or other connected objects.

This system can also be used for street parking (curbside configuration).



Secure your parking



Maximize your revenues



Improve quality of service to your customers



MPS Sensor



MI Gateway



Spatium Platform

Integrates With Complementary Systems



Directional signs and displays



Pay stations



Access barriers



License plate recognition cameras



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At Dimonoff we believe strongly in our responsibility to solve societal problems by developing responsible technological solutions. We work to cocreate cities that are sustainable, safe and enjoyable for every citizen. We also believe that intelligent parking management can contribute positively to sustainable mobility strategies for cities around the world.

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BENEFITS



For managers, our system allows them to have a better knowledge of their car park which allows better management and planning:

-  Better management of parking operations (e.g. reservations, allocations & dynamic parking controls)
-  Increase in parking operating income: optimization of parking lots, secure payments, customer loyalty
-  Increased driver loyalty through real-time and continuous information: availability of spaces and guidance, charging stations, disabled spaces, etc.
-  Secure your restricted accesses and your parking lots in general

Advantages are numerous. The most important of these advantages is the quality of the information available, thus avoiding the chain reaction of bad information often leading to the loss of the end customer. By knowing where the available parking spaces are in real time:

-  Search time for drivers is drastically reduced
-  Which reduces stress and improves its customer experience





Parking
25 spaces





ECOSYSTEM



Lighting Control

Integration of Dimonoff's intelligent lighting solution allowing dynamic lighting management of indoor parking lots.

Energy savings of up to 30% in indoor parking lots.



License Plates Reading

Control of booking compliance

Access to paid services (valet, car wash)

Access control to restricted areas (reservations, VIP areas, etc.)



Sound Recognition

Secure your indoor parking lots with CitySound, our abnormal sound detection system (e.g. glass breakage identification or gun shot detection).



Air Quality Monitoring

Check the pollution level. Make the right decisions with feedback on whether you need to improve your ventilation system.

IOT MANAGEMENT FOR SMART CITIES

Dimonoff is a pioneer and innovator of remote control & monitoring technologies. Navigant ranks Dimonoff among the top 5 players in the smart street-lighting market. Headquartered in Quebec City, Canada, Dimonoff is the result of more than 15 years invested in R&D to create the most robust nodes and gateways, as well as state-of-the-art IoT management platforms.

Dimonoff allows partners to leverage the power of IoT: by optimizing asset and infrastructure management, and by lowering energy costs, while deploying an IoT communications network, clients everywhere can offer better infrastructures and services and, subsequently, improve the livelihood of their communities.



DIMONOFF

Contact us for a demo today!

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