SMART LYNX

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SMART PARKING SOLUTION

ABOUT US

WE BELIEVE THAT WITH THE LATEST TECHNOLOGIES WE CAN MAKE URBAN LIFE BETTER

At Smart Lynx, we are committed to innovate urban mobility thereby create a healthier and more liveable urban environment with the help of the latest IT and communication technologies, supporting the creation of more liveable and healthier Smart Cities.

Customer satisfaction is extremely important for us, so we constantly strive to provide the highest level of service.

Technology is constantly changing, so we're continuously evolving our smart city solutions and services with it.

Our team has decades of experience in IT, telecommunications, engineering and operations. Within our narrow field of expertise, sensor-based on-street parking management, we clearly have the most experience and references in the Hungarian market.

In our daily work, we maintain our existing Smart Parking and Traffic Monitoring systems, install new Smart Parking and Traffic Monitoring sensors, analyse the data from the sensors, provide valuable information to our customers and help drivers looking for parking spaces to find them more easily.

Our cloud-based operations platform allows us to remotely monitor the entire network of devices (Smart Parking Sensors, Traffic Monitoring Sensors and Street Parking Guidance Displays), so that in the event of a malfunction or other service outage, we can start troubleshooting as soon as possible.

Our Smart Parking and Traffic Monitoring Sensors are highly sensitive, so their proper installation is critical to the system's operation. With more than 5,000 deployed sensors behind us, we can confidently say that our professional and precise installation processes contribute to the outstanding reliability of our Smart Parking and Traffic Monitoring solutions.

CHALLENGES OF URBAN PARKING

CARS CHASING PARKING SPACE

They contribute to the congestion of our cities and public spaces, hold up traffic, have a negative impact on our environment, while impatient and inattentive drivers can easily cause accidents in already crowded streets.

FLUCTUATING PARKING SPACE OCCUPANCY

As a result of the uneven utilization of infrastructure congested and unused areas and periods alternate even in the case of areas and periods close to each other.

LACK OF INFORMATION

Even though urban parking spaces are valuable nowadays, the organisations responsible for parking typically have outdated and incomplete information on their utilisation.

SHORTAGE OF PARKING SPACES

In order to make cities more liveable and more accessible to the public, cyclists and pedestrians, it is essential to reduce the number of cars in the city and also the number of on-street parking spaces, but the number of vehicles that would require these public spaces is still increasing.

SMART PARKING SOLUTION

SMART PARKING SENSOR

Flush-mounted, small, easily replaceable sensors using cutting-edge Narrowband IoT (NB-IoT) technology, capable of measuring the occupancy of the monitored parking spaces for more than 5 years without the need for any additional infrastructure installation.

Thanks to the magnetic detection mechanism, vehicles can be accurately and reliably detected in all weather and road conditions.

The reliability of the system is ensured by an artificial intelligence-based algorithm that can determine the occupancy status of a parking space in real time with an accuracy of over 98%.

DASHBOARD

By analysing real-time parking occupancy data, it provides parking managers with essential statistical information to improve operational efficiency and infrastructure utilisation.
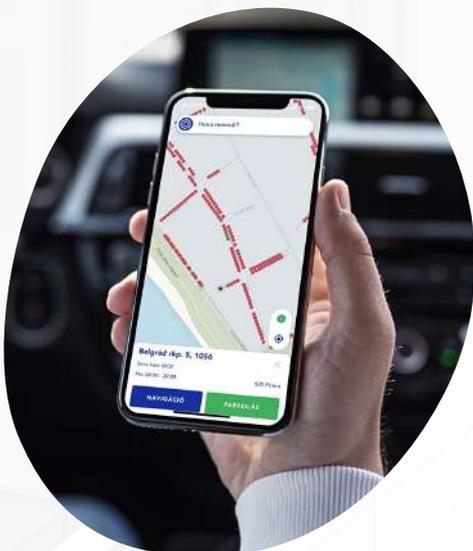
MOBILE APPLICATION

By making real-time occupancy data available to drivers, the app helps them find available parking spaces or remotely check occupancy - whether it's disabled parking, loading bays or spaces with electric chargers. Moreover, mobile parking transactions can be easily initiated.

Using the mobile app can reduce the time spent finding available spaces, saving drivers time, fuel and money, while also reducing environmental and noise pollution as well as traffic congestion.

PARKING GUIDANCE DISPLAY

To direct drivers, who are not using the mobile app to free parking spaces, we install parking guidance displays that provide real-time information on the number of free spaces nearby, helping to reduce congestion and disruption around bagged or one-way streets.

IMPACT STUDY

Based on years of experience in operating smart parking systems and our impact analysis, our solution can

INCREASE PARKING REVENUE PER PARKING SPACE BY UP TO 15% PER MONTH IN A TYPICALLY CONGESTED PUBLIC PARKING LOT.

OTHER USE CASES

Our Smart Parking solution has a number of additional use cases, including the ability to check the real length of parking events in a restricted waiting zone and send alerts about unauthorised parking events. The solution could help optimise the route taken by parking enforcement officers, or even provide the basis for a future ticketing and fine-free parking culture.

Contact us

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