

POLAND PARKS WISER WITH NEDAP AND PARKANIZER

BT Skyrise, developer of IT solutions for smart cities from Poland, has chosen Nedap, the leading specialist for vehicle identification and detection systems, to improve on-street parking. The brandnew Parkanizer platform from BT Skyrise collects and shares data for parking guidance and reporting purposes. SENSIT from Nedap closely monitors the real-time usage of on-street parking spaces by parking bay mounted sensors. To improve on-street parking in time restricted zones, Parkanizer recently is introduced in the Polish city Piekary Śląskie.

BT Skyrise is part of BT Signal, a Norwegian technology company which is a pioneer in the implementation of solutions in the field of Intelligent Transport Systems (ITS). BT Skyrise designs, implements and tests IT solutions. Nedap is the developer and manufacturer of [SENSIT: a vehicle detection system](#) that consists of wireless bay-mounted sensors that detect in real-time whether or not a single parking bay is occupied and how long it has been occupied. SENSIT is integrated with the Parkanizer platform.



The Parkanizer platform

[Parkanizer](#) is the brandnew platform of BT Skyrise. It displays the availability and pricing of parking spaces to drivers through a smartphone app, to ensure smooth parking guidance and efficient payment for parking. Parkanizer Analytics is designed for operators to closely manage, monitor and control the real-time usage of parking spaces.



Launch in Polish cities

BT Skyrise's first implementation of Parkanizer can be found in Piekary Śląskie.. The city is located in the shadow of the cities Katowice and Gliwice, part of the Silesian metropolitan area in the south of Poland with a population of 2.1 million people. Parkanizer is introduced to improve the usage of on-street parking spaces in the time restricted parking zones in the city center.

Mobile parking app

Maciej Lukas, Parkanizer Project Coordinator.: "Parkanizer can be used by motorists driving into a city. The smartphone app displays dynamic markers on a map including the number of available parking spaces in geo-location context. Parking spaces reserved for people with disabilities are marked separately. While driving motorists receive updates in real-time. The app could be also used with a navigation.. When approaching the destination, Parkanizer informs where in the street the vacant parking spaces can be found. When parked, the app can be used to pay on-line."



Reporting on parking utilization

Short-stay parking zones enhance the traffic rotation on parking spaces, making the city center more attractive for

residents, visitors and local retailers. Helping motorists to find a free parking space results in less congestions and safer streets. Time restricted parking zones stimulate the business of local shop owners and retailers. Additionally, cities are able to significantly improve the control of parking spaces. Abuse of time restricted parking spaces, for example by people that are overstaying the permitted parking duration, detected by Nedap's bay-mounted parking sensor, can be monitored closely and enforced effectively.

By the implementation of the Parkanizer cities like Piekary Śląskie gain precise knowledge about on-street parking. "With the new Parkanizer solution, residents and visitors more easily find free parking spaces and we as a city can more efficiently manage our existing parking capacity," says Sława Umińska-Duraj, the Mayor of Piekary Śląskie.

Partnership BT Skyrise and Nedap

SENSIT from Nedap consist of bay-mounted parking sensors using a [dual-detection technology](#), combined magnetic and infrared, to ensure the most accurate vehicle detection measuring. Through the wireless radio communication network this information is transmitted to the central hosted server. The real-time parking occupancy status and parking duration information is made available from that cloud-based server to the Parkanizer platform.

Jaroslav Pilarczyk, CEO of BT Skyrise: "Nedap has proven to be the right technology partner, with expertise in deploying sensor networks, smoothly integrated with end-user applications, in cities for many years. SENSIT is a fast and reliable sensor-based system designed outdoor parking spaces located on or off street."

"The parking industry in Poland is changing rapidly. Cities are showing increasing interest in smart parking solutions. Nedap is therefore pleased to start a partnership with BT Skyrise, an innovative company and developer of Parkanizer, an easy to use and complete mobile parking applicaiton for both motorists and operators," says Ido Wentink, Business Development Manager at Nedap.



Parkanizer in the media

The implementation of Parkanizer in the city of Piekary Śląskie was loudly commented in the Polish national media: TV news reports ([Teleexpress](#), TVN Turbo), newspapers (Gazeta Wyborcza, Dziennik Zachodni), portals ([onet.pl](#), [myapple.pl](#)) and radio stations ([Polskie Radio](#)). All media paid attention on innovative character of the solution, user friendliness and social aspect of Parkanizer.

**Image(s) source: Parkanizer – BT Skyrise*