



PARK4SUMP

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Digital parking enforcement in Gdańsk

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(1) Brief information about paid parking zones in Gdańsk

Paid parking zones - current state



GDAB 9.00 – 15.00 / **1555**

GDAA 9.00 -17.00 / **2069**

GDAF 9.00 - 20.00 / **2478**

In total **6129** parking spaces

125

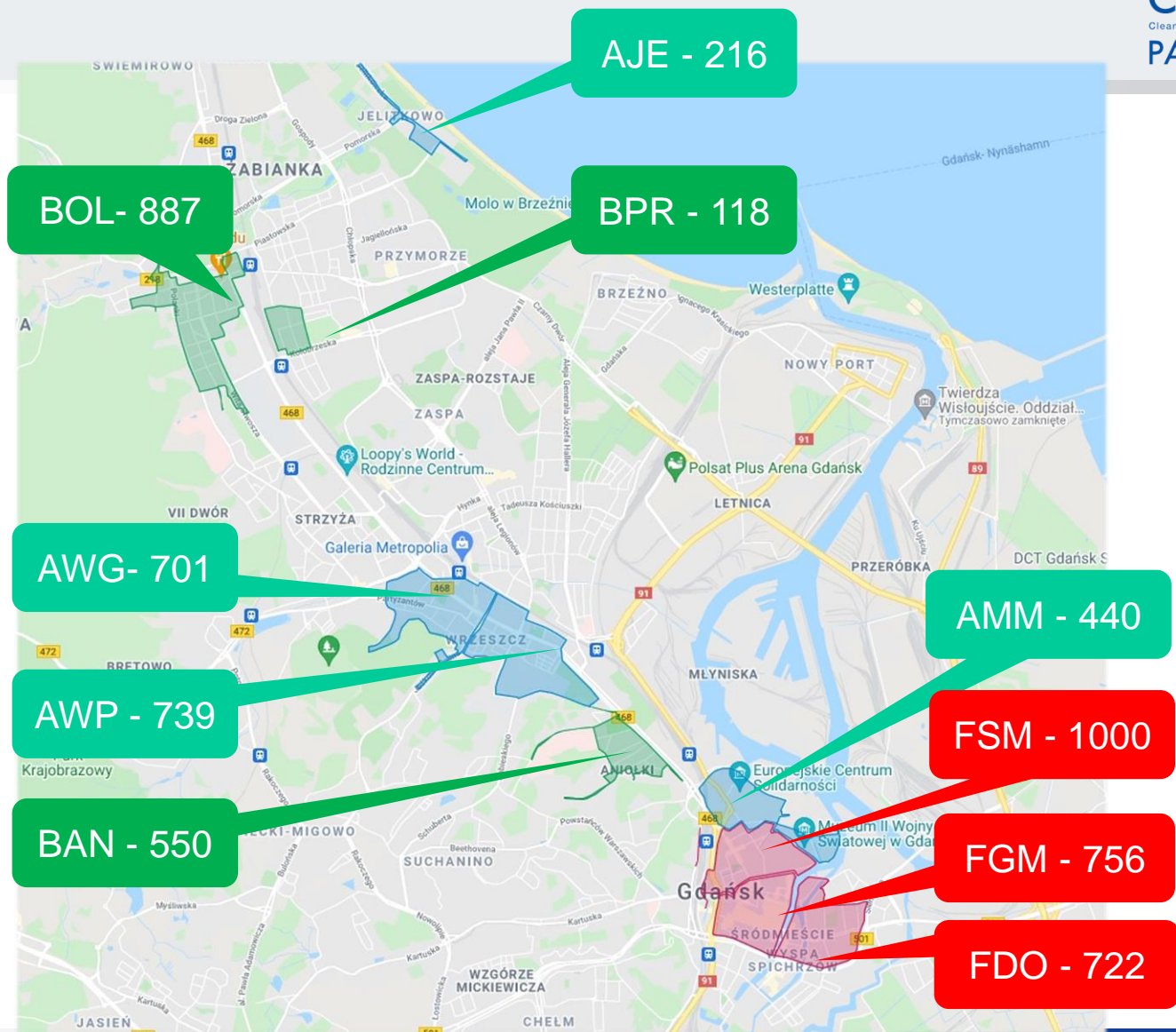
153

113



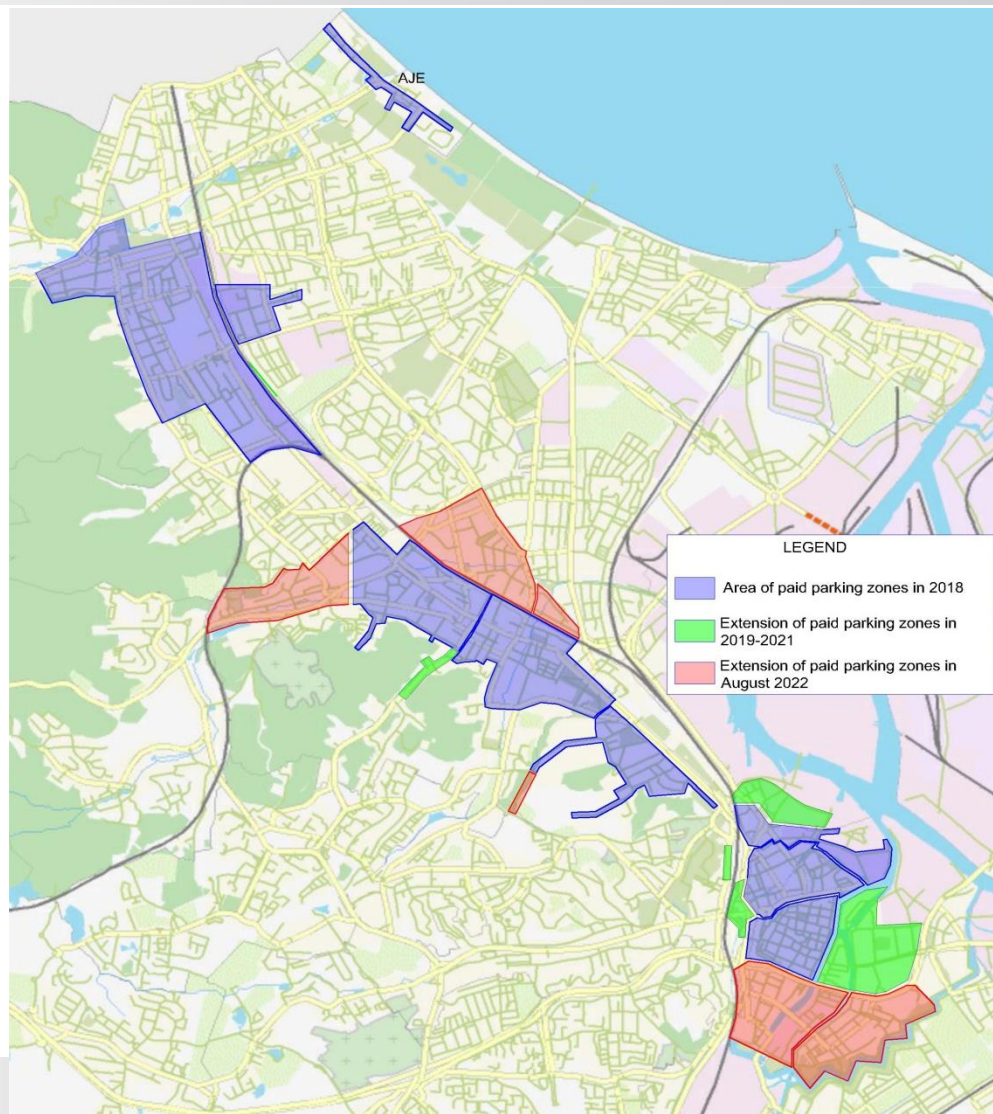
In total **391** parking meters

(1) Brief information about paid parking zones in Gdańsk

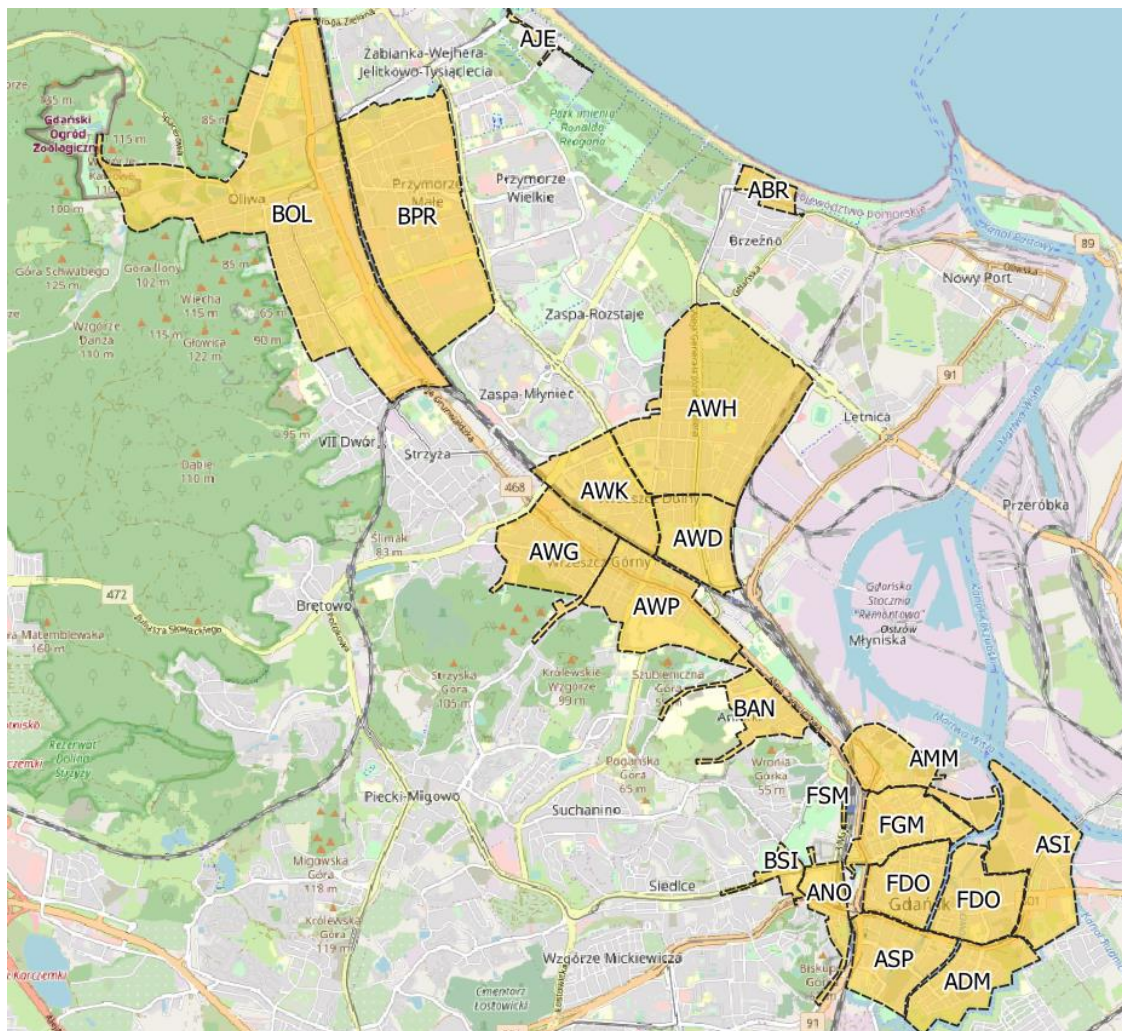


(1) Brief information about paid parking zones in Gdańsk

Extension of paid parking to new areas



(1) Brief information about paid parking zones in Gdańsk



(2) Time of implementation (digital enforcement)

Task/milestone	Date	
First thought about scan car	June.2020	18 months
First meeting on functional assumptions	August.2020	
Technical dialogue	August – December.2020 (5 months)	
Announcement of the tender	February.2021	
Signing a contract	July.2021	
System implementation	August – October.2021 (3 months)	
Beginning of operation	November.2021	
Service	November.2021 – October.2022 (12 months)	

(3) Scope of the project and assumptions (digital enforcement)

The service of providing a comprehensive IT solution for the automatic number plates registration of vehicles parked in the paid parking zone:

- System implementation
- Enforcement service

Assumptions:

- One car,
- Rented equipment.

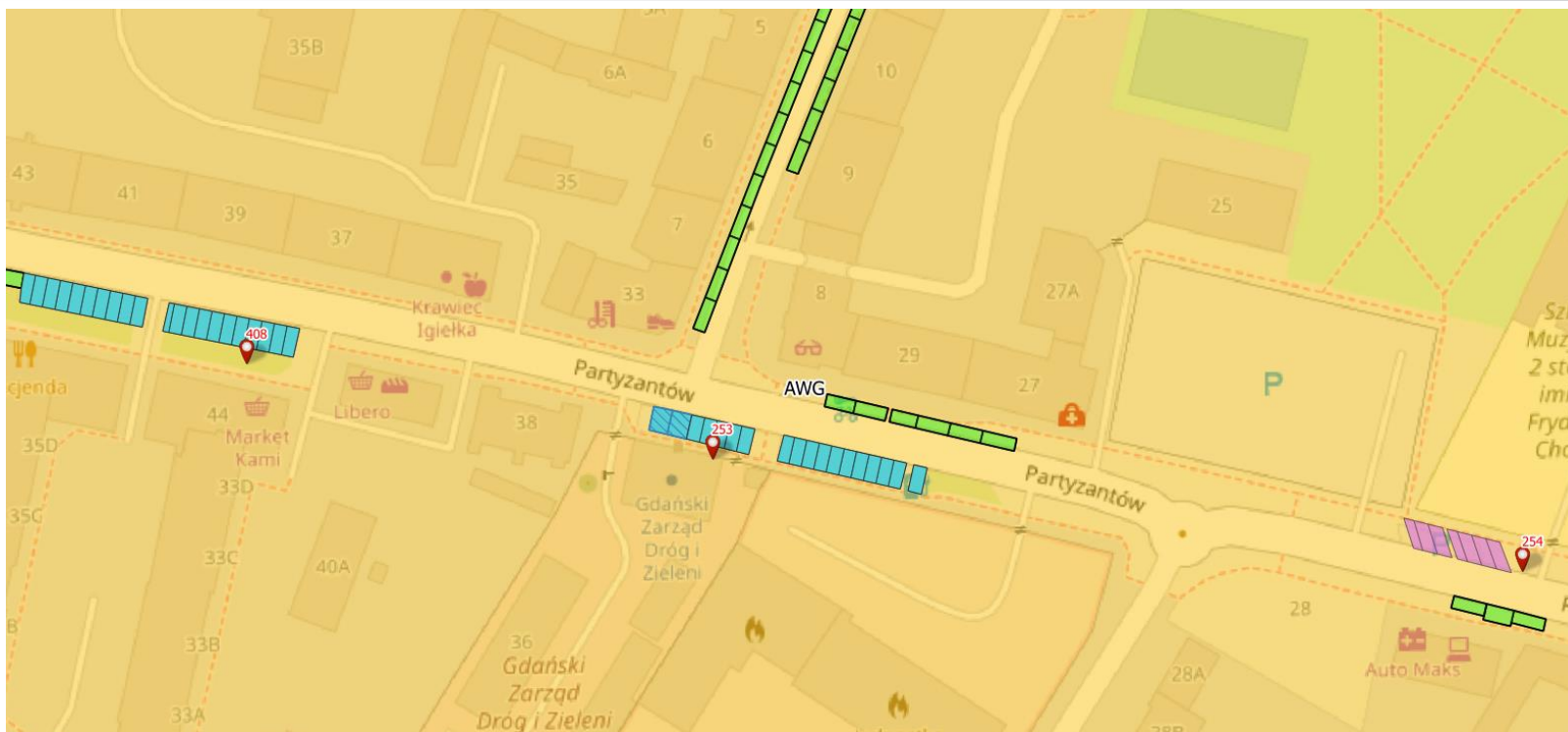
(4) Cost of implementation

Car purchase – 153 000 PLN gross (33 794 Euro gross)

The service of providing a comprehensive IT solution for the automatic number plates registration of vehicles parked in the paid parking zone. (implementation of the system + provision of services)

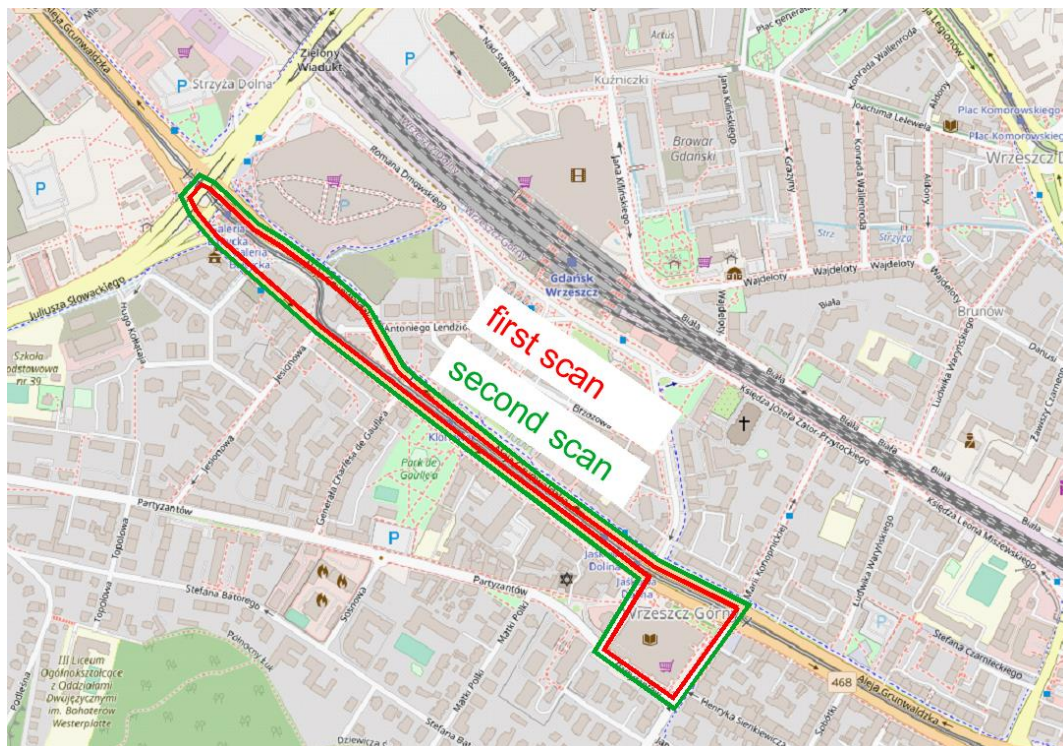
– 36 000 PLN gross/month **(7 952 Euro gross/month)**

(5) Description of the solution



All the parking spaces where fees are charged have been inventoried and have their GPS coordinates, are entered in the QGIS program.

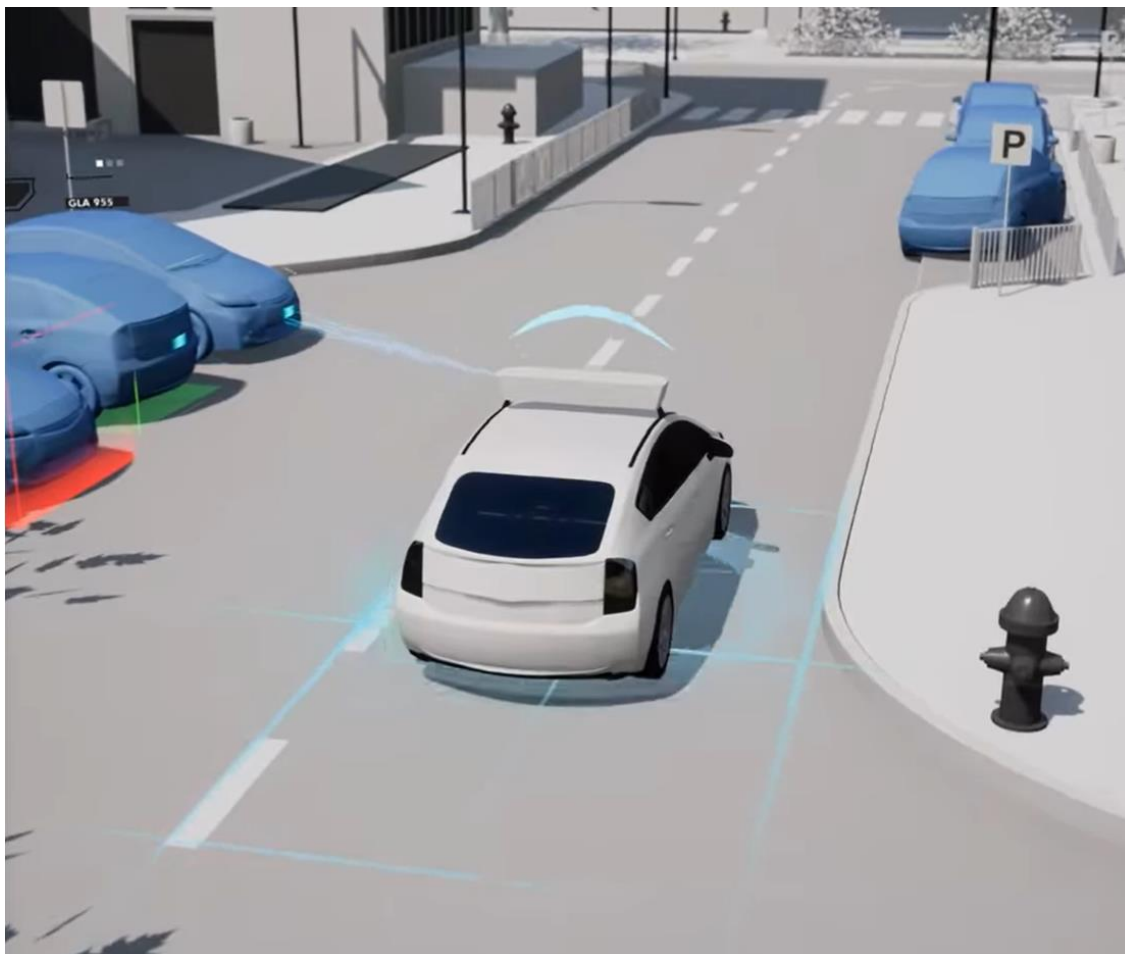
(5) Description of the solution



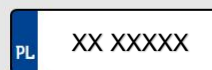
The inspection consists of a **double scan within a few minutes**, checking the car parked in the same place.

It is so to exclude those cars whose drivers just arrived and are still clicking on the application, or have just gone to pay at the parking meter.

(5) Description of the solution



(5) Description of the solution



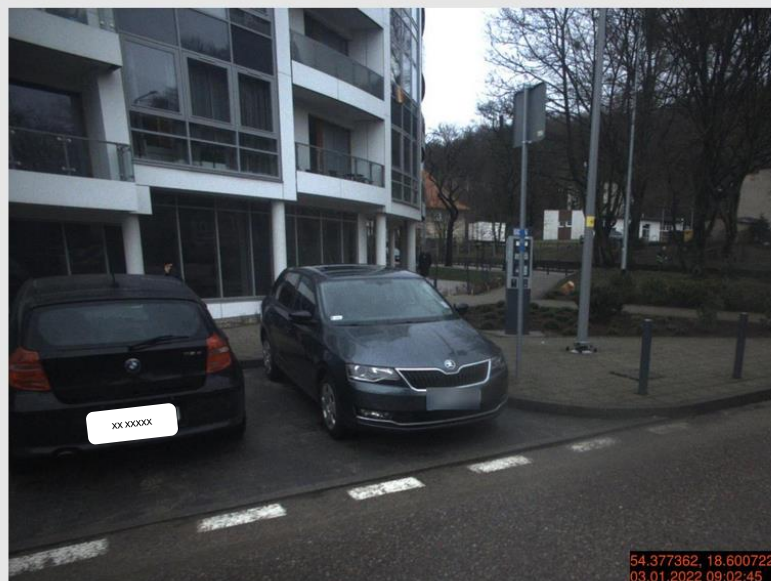
401. (Batorego) (AWG)

Pierwszy przejazd Drugi przejazd

2022-01-03 09:02:45 2022-01-03 09:11:37

Ryszard Laskowski (2045) Ryszard Laskowski (2045)

Typ pojazdu: Samochód Typ pojazdu: Samochód

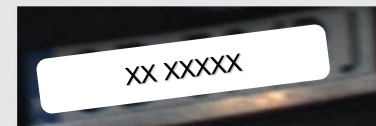


FIRST SCAN

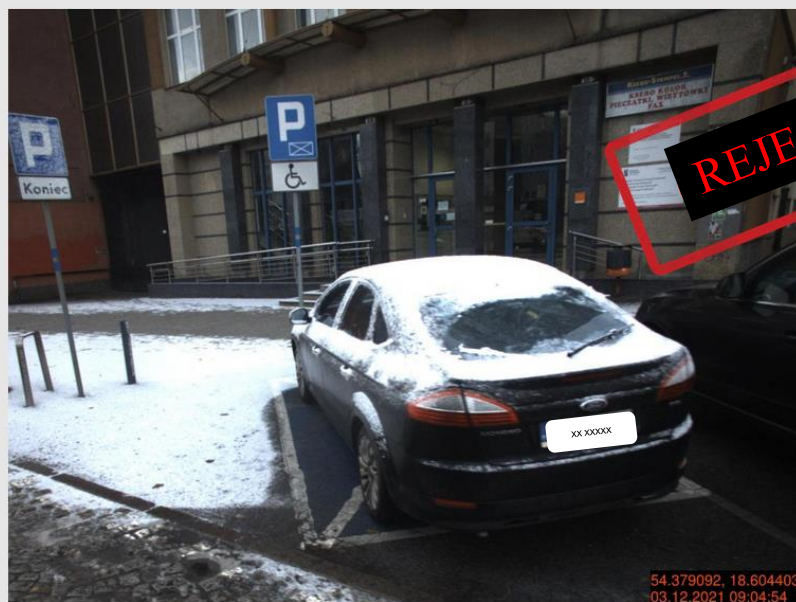


SECOND SCAN

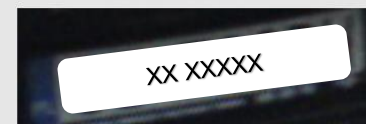
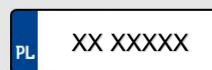
(5) Description of the solution



215. (Grunwaldzka) (AWG)
Pierwszy przejazd Drugi przejazd
2021-12-03 09:04:54 2021-12-03 09:12:10
Rafał Mahuszek (2046) Rafał Mahuszek (2046)
Typ pojazdu: Samochód Typ pojazdu: Samochód



(5) Description of the solution



401. (Batorego) (AWG)

Pierwszy przejazd Drugi przejazd

2022-01-03 09:02:45 2022-01-03 09:11:37

Ryszard Laskowski (2045) Ryszard Laskowski (2045)

Typ pojazdu: Samochód Typ pojazdu: Samochód



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03.01.2022 09:02:45



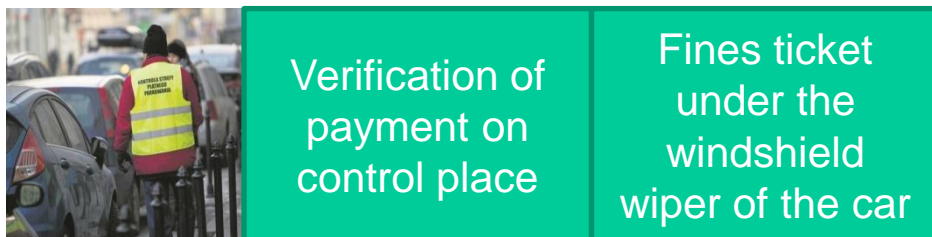
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03.01.2022 09:11:37



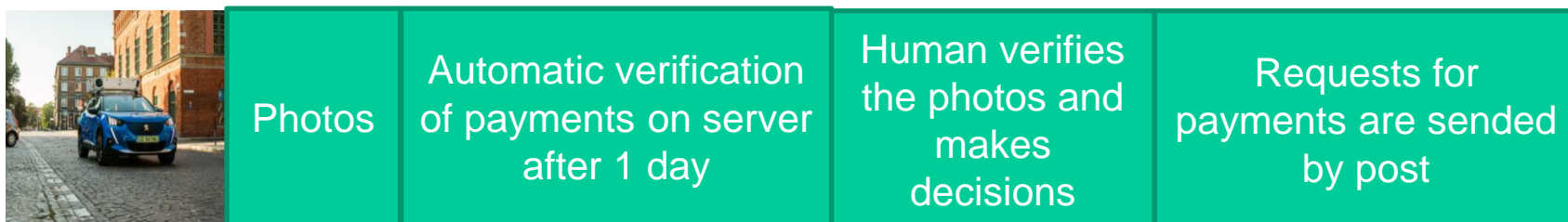
(6) Operation issues

	Scan car	Inspector
Number of controlled cars, in 1 hour	500	50
Number of issued fines for not paying for parking, in 1 hour	20	2

(6) Operation issues



Time →



(6) Operation issues

Before



After



Thank You!



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