

PARKING PLACE DETECTOR



GUIDELINES

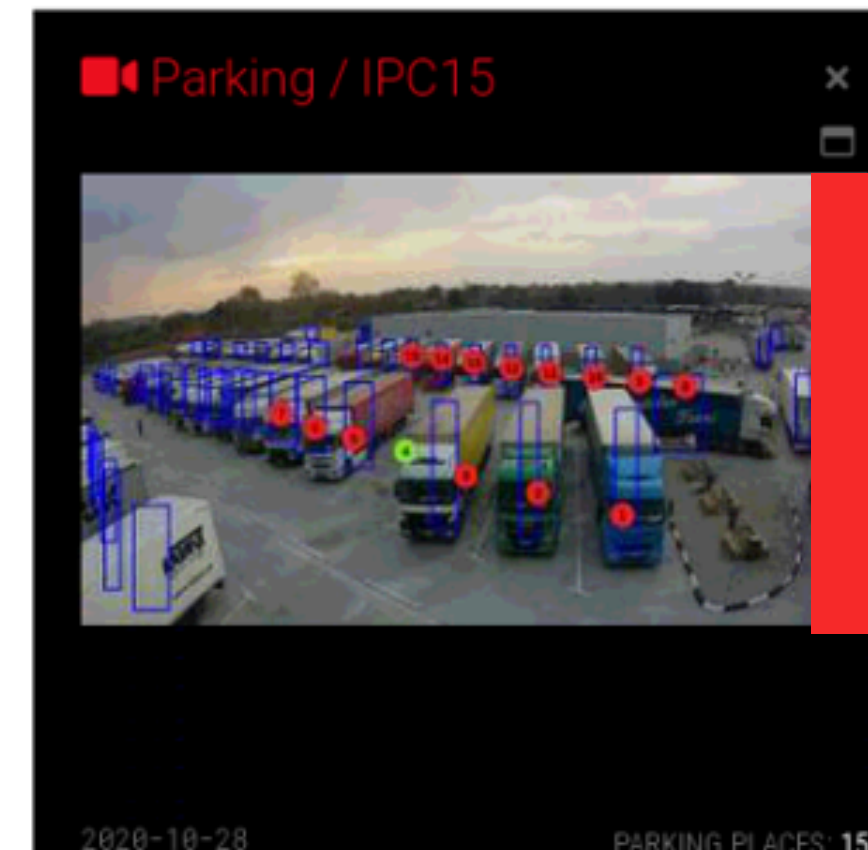
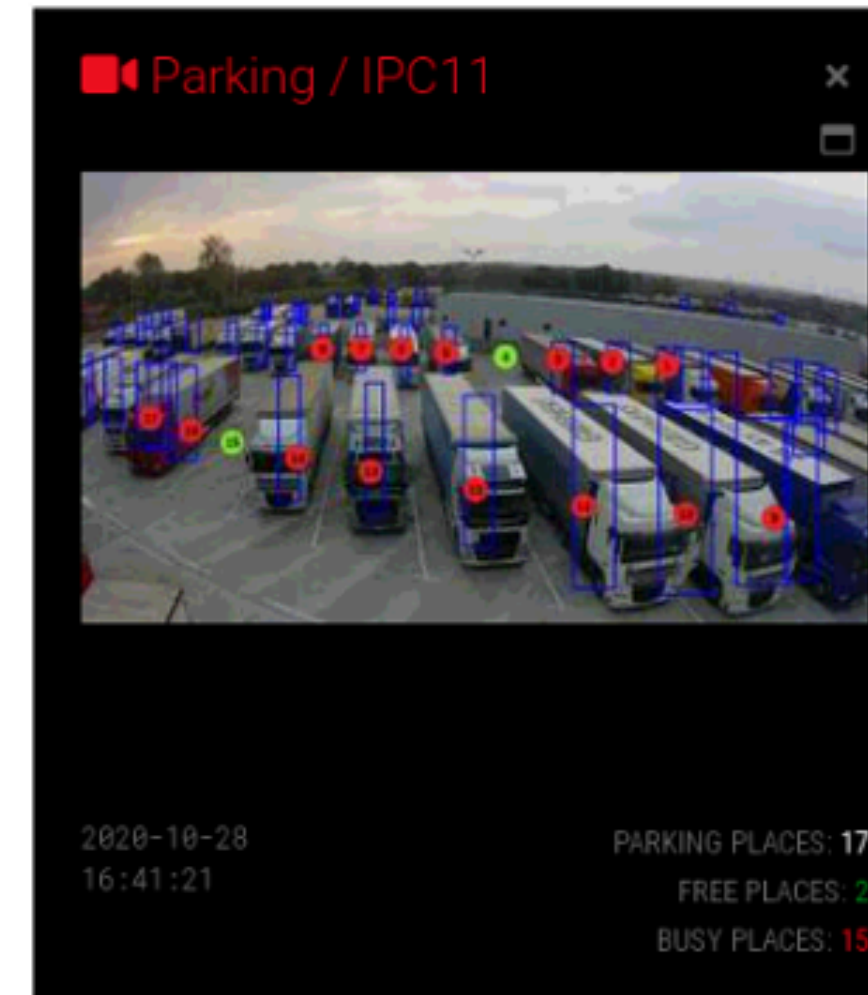
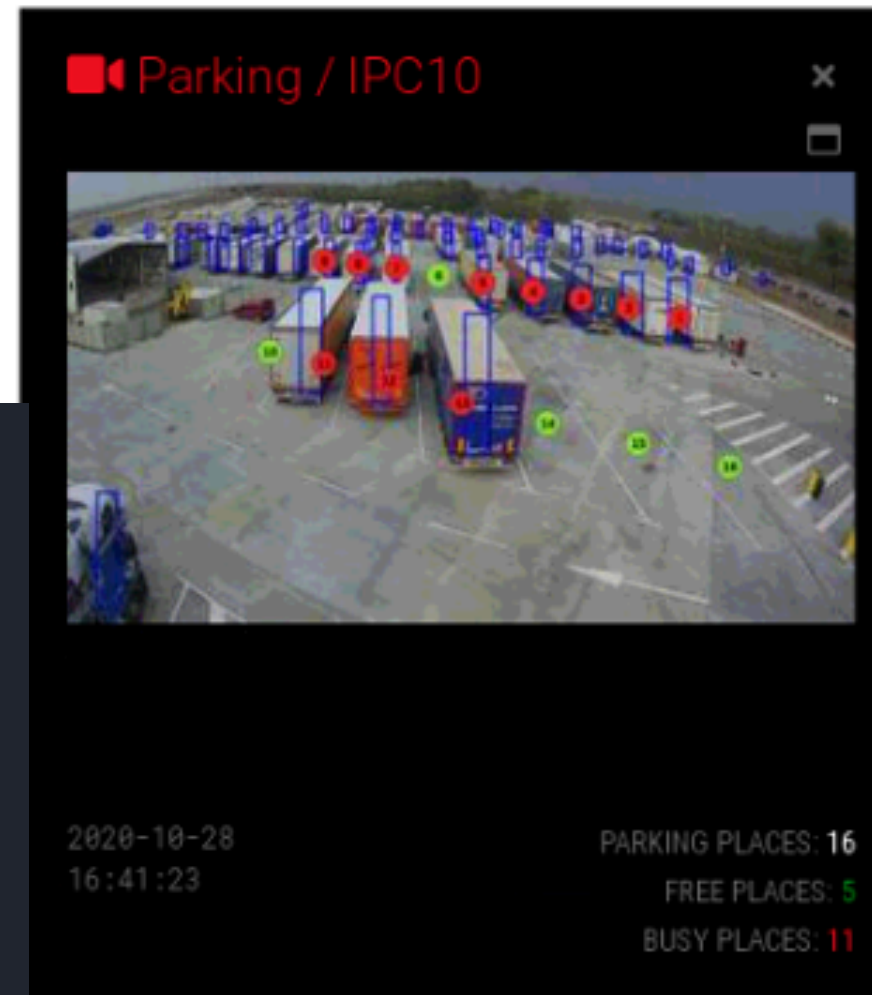
Parking Place Detector (PPD), detection engine from Metrica, meant to help managing parking spaces in underground parking lots, open space parking lots or on-street;

Dedicated Metrica WEB interface for the application;

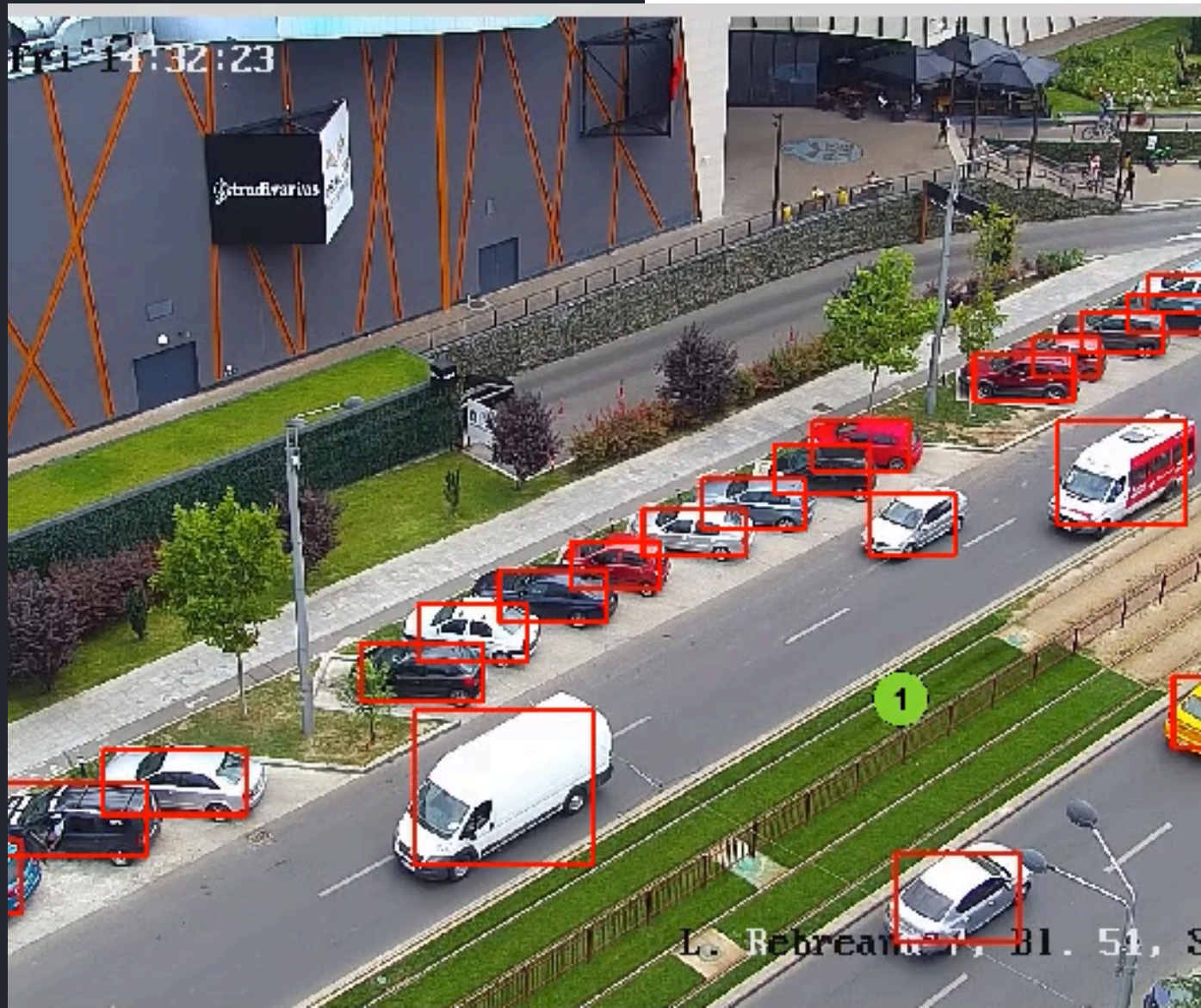
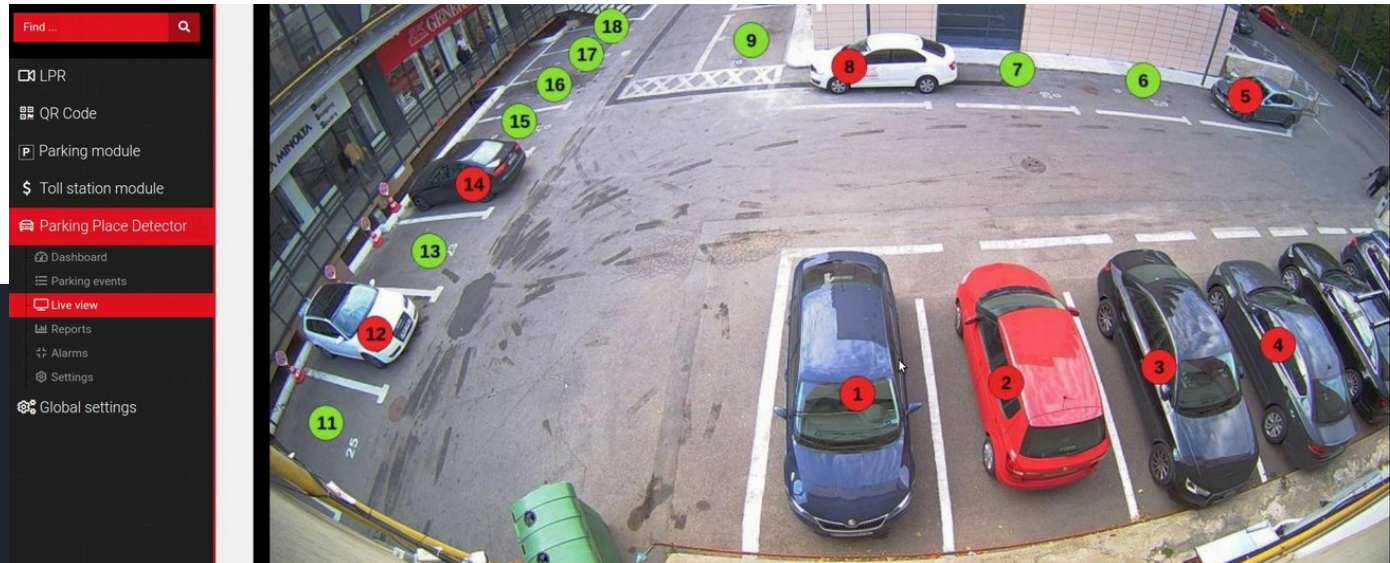
The Web module allows the administrator to see, change settings, to manage the parking lot as a whole or each parking space individually, to add or to delete parking spaces from location

One can manage unlimited number of cameras and places from same location

One camera to monitor dozens of parking spaces



HOW IT WORKS



With one IP camera you can monitor dozens of parking spaces;

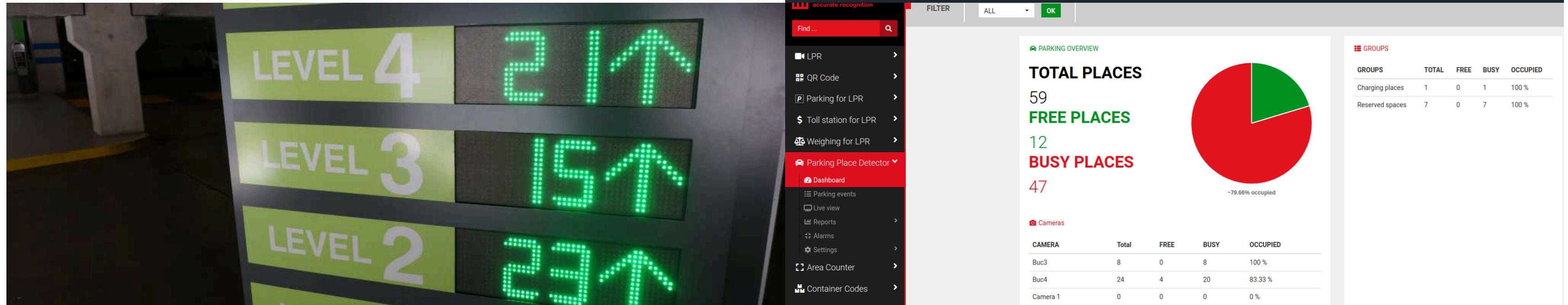
More cameras are grouped to manage a location;

Metrici PPD can monitor an unlimited number of parking spaces;

It calculates the number of busy or free places for each camera or for the whole location, also for groups, as more places or cameras can be linked in groups

Access to database with all the status changes for each parking place

CONTROL



Full management of parking places with
Metrici Parking Place

AI based car recognition: no sensors, no cables, no wiring, no asphalt
breaking;

It calculates and keeps evidence of free/busy parking places;

Metrici PPD can show info about the status of free/busy places on LED
displays

Real time calculation with loading degree of the parking lot, as
well as access to reports,
graphics and statistics with the activity in the parking by
hours/days/months;

Metrici PPD may order different devices when the parking is
full or reaches a certain
percentage of busy places. Also, it may raise alarms



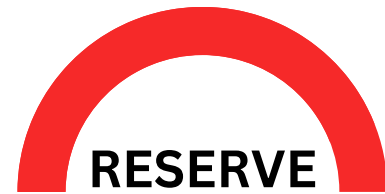
MANAGEMENT



GROUP



SECTOR



RESERVE

Metrici PPD allows you to create groups;

Several parking places can be grouped together. You can create, for example, a group for places to be charged, or reserved for disabled people, or reserved places;

A group can be created as a section/floor of a parking lot;

A parking place can be added to more groups;

DIVISION

Anytime access to the occupancy level for each group or for the whole location, as well as the situation for each IP camera- how many free/busy places are in real time.

ADMINISTRATION

REPORTS AND STATISTICS

It generates detailed reports about the activity in the parking lot;

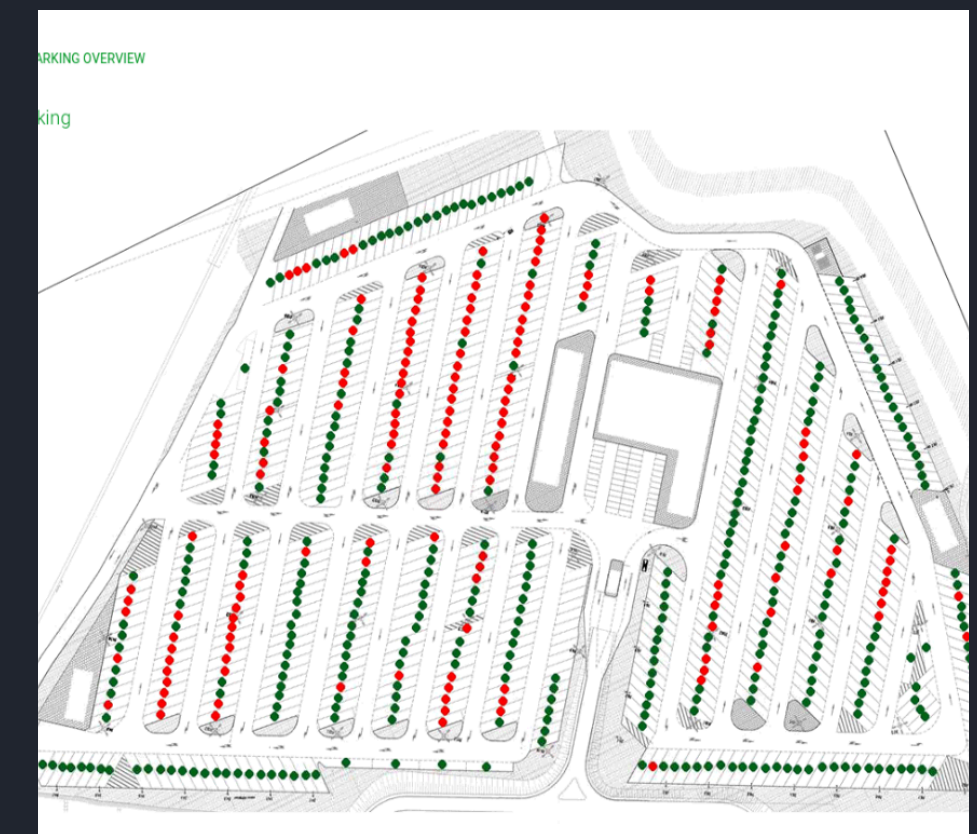
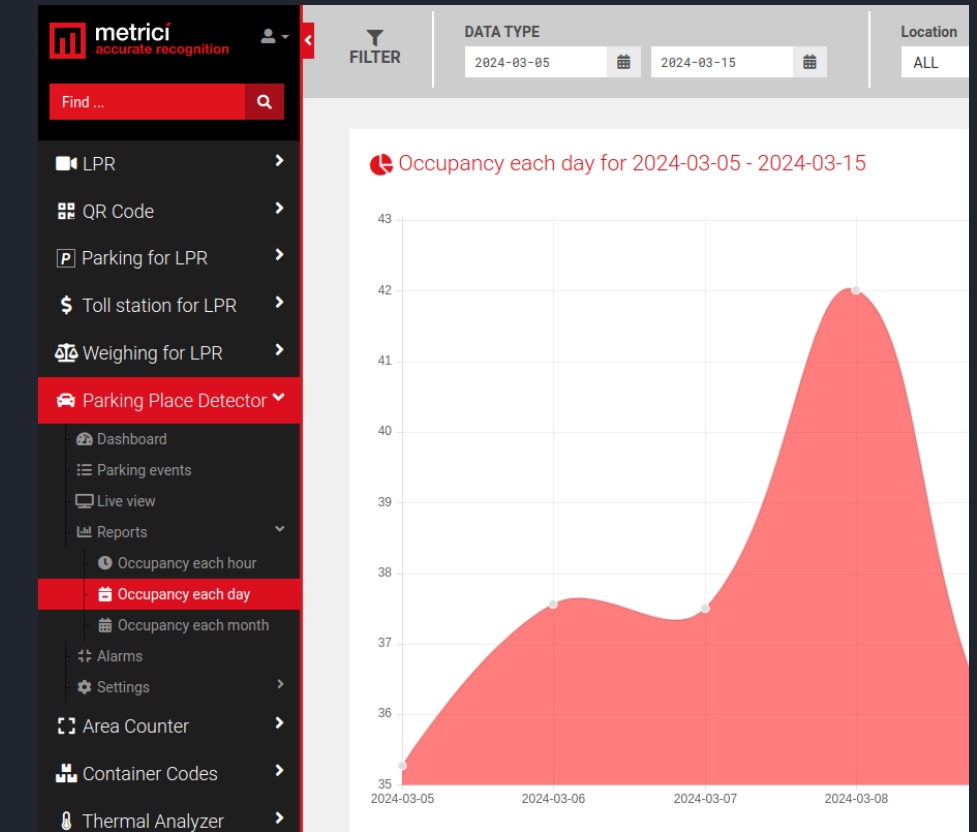
These may be divided for each camera, for all cameras in location or for a group;

LIVE VIEW

You can see live as many cameras as you want. For each one, PPD will display graphically as well as text number of monitored places, how many are busy and how many are free;

MAIL/SMS- ALERTS AND ALARMS

Allows sending alerts by e-mail or SMS. Allows alarms settings. It may send notes/alerts in case of certain established events: (e.g.: a certain parking place is busy for more than x hours, the reserved parking spaces are full, occupancy level is 70% etc.





ADMINISTRATION

PRECISE

One can know how much time a parking place was busy or available;

The system can create heat maps with the more searched places or which ones are more time busy;

Several parking lots/locations can be managed from the same center or device

CONVENIENT

Metrici PPD is the perfect solution for street parkings or open space where no sensors can be installed;

Easy to install and operate

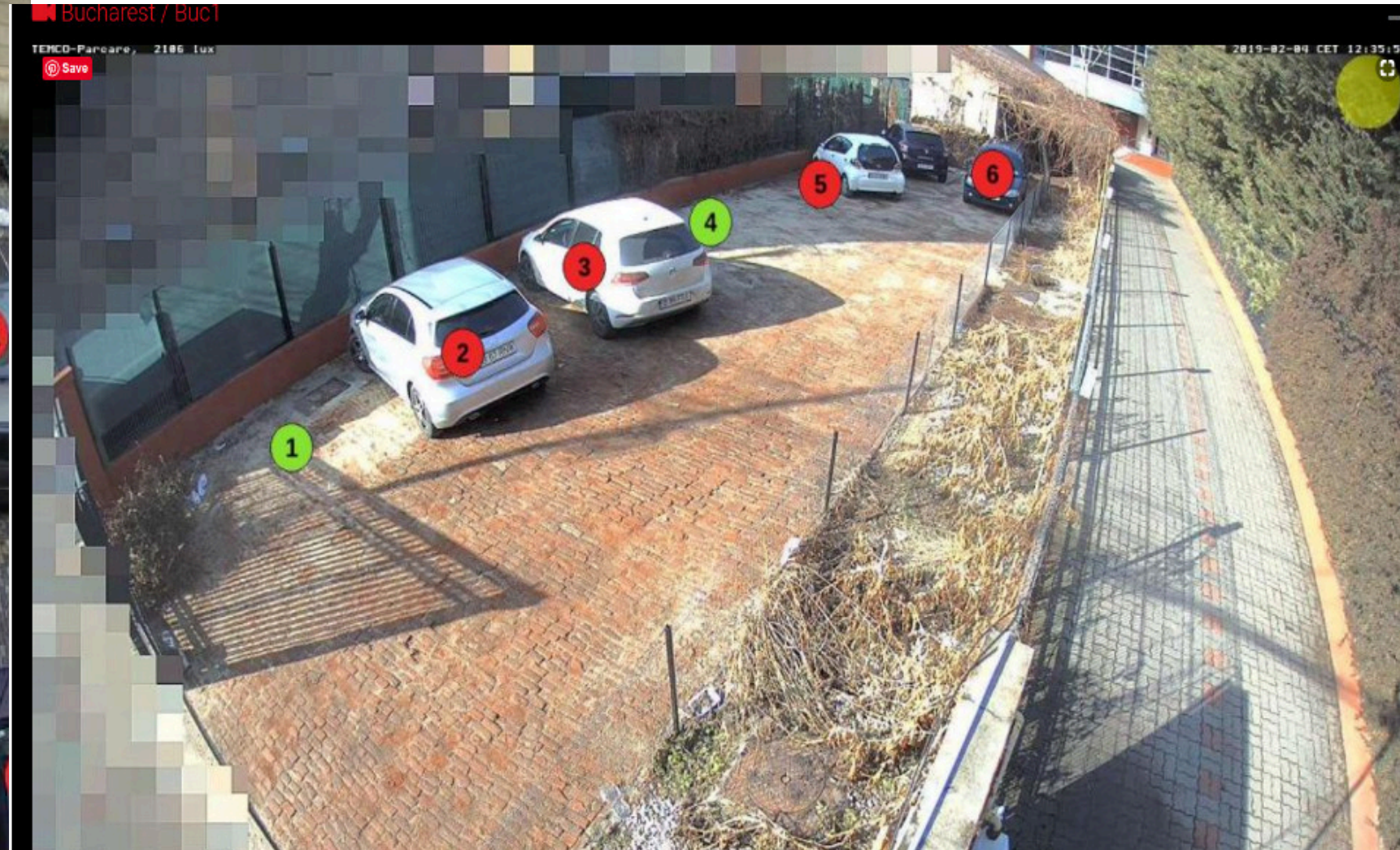
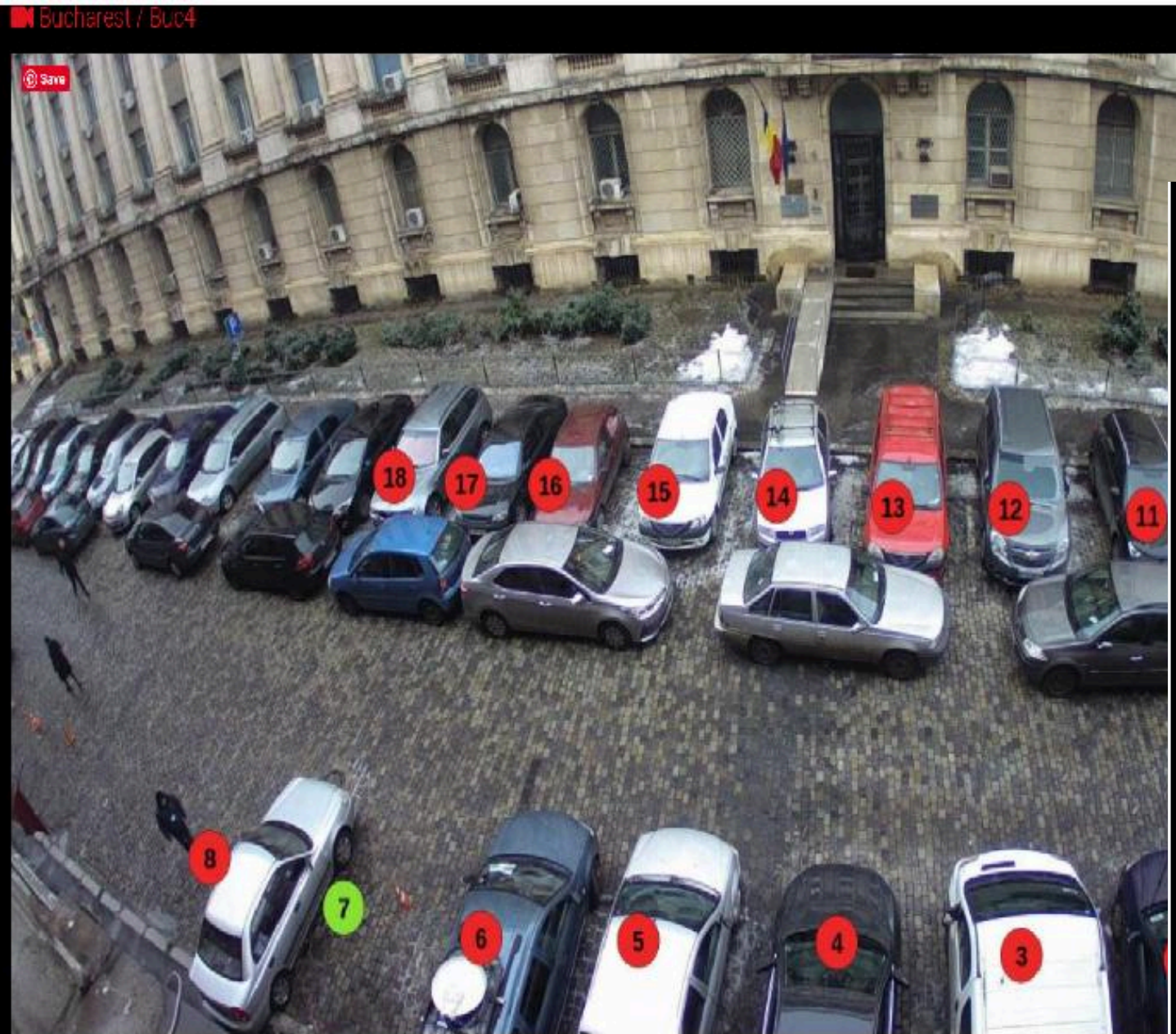
FILTERS & EXPORT

Parking events database - filter list/the search for status changing for the parking spaces by location, camera, group, time;

Metrici generates reports with the occupancy level for different time intervals;

It may export the reports in XLS or PDF formats.

ADMINISTRATION



CONTROL OF A PARKING GUIDANCE LED INDICATOR

Metrici PPD may control parking guidance led indicators for each parking space to show if that place is busy or free

LOG FILES

It saves data regarding the modifications in the system and the communication with external systems, if that is the case. Keeps track of operations made by each user;

EVENTS

One can see in database and display each status change for a parking place, with photo witness, hour, camera and the group to which it belongs to.

MANAGEMENT

Unlimited number of locations and parking places that can be monitored

Control of parking guidance lights to indicate the status of a parking place: free/busy

Flexible alerts and alarms settings for each spot, group or location

Reports by days, hours, groups, location, cameras

Statistics- see how the parking performs over time. Generate and export reports

Real time calculation with the load percentage and changes in your parking

Groups creation

Group more cameras to manage hundreds or thousands of places in a parking lot or an entire city creation

LED Display information

Calcul and display for total number of free/busy places for each camera, group, story, section or for the entire location

No wires, no sensors, no electricity. In most cases you can use the existing infrastructure to monitor the place

MANAGEMENT

Database

Informations about the status change and reports visualisation;

Functions

Quick and easy installation. Define a parking spot just by placing a dot in the image and this is introduced in database

Searches

Searching filters based on parking place ID number, location, group, date, hour;

Technical support

Permanent Metrici support and updates

User friendly

A parking place no longer can be used? With only one click, this becomes inactive and it isn't counted anymore

Integration

Integration with LPR: information about what car entered the parking, but also which places are busy and where

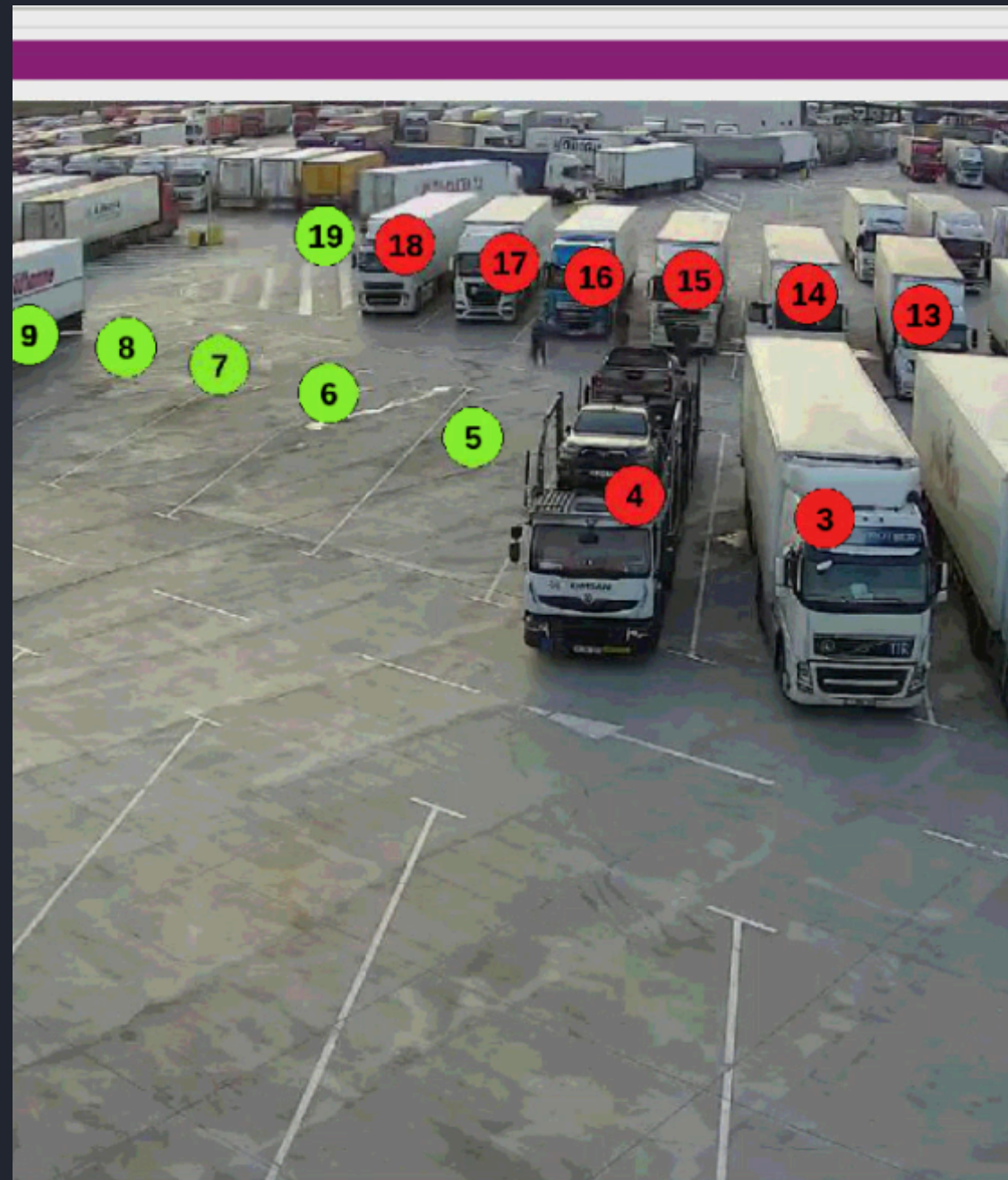
Reduced costs

No more cost with maintenance, warranty, supplies, wear, excessive wiring, no more expensive electricity bills

Customize

Do you need special features that are not natively included in Metrici software? Metrici can fix that right away.

GALLERY



P-Hus_5 - Metrici Parking Place Detector v1.1

Parking stream view

Parking spaces list

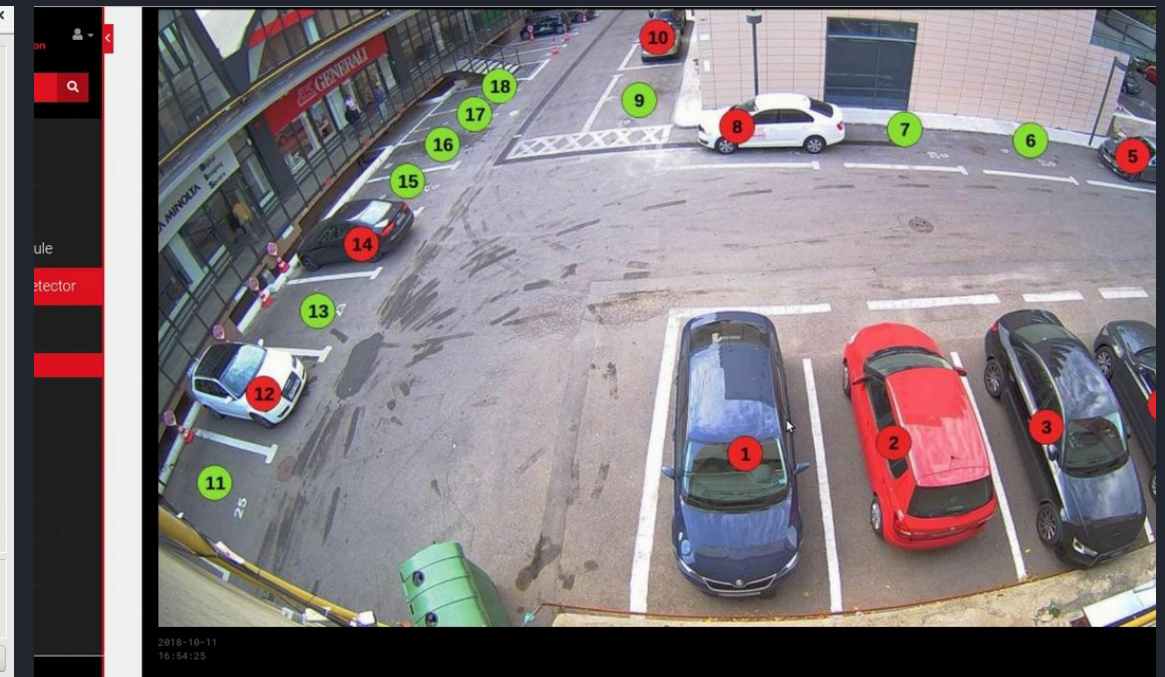
ID	Status	Last change	Elapsed time
2	Busy	15:57:04	00:00:17
3	Free	15:57:04	00:00:17
4	Busy	15:57:04	00:00:17
5	Busy	15:57:04	00:00:17
6	Busy	15:57:04	00:00:17
7	Free	15:57:10	00:00:11
8	Free	15:57:04	00:00:17
9	Busy	15:57:04	00:00:17
10	Busy	15:57:04	00:00:17
11	Busy	15:57:04	00:00:17
12	Busy	15:57:04	00:00:17
13	Busy	15:57:04	00:00:17
14	Busy	15:57:04	00:00:17

Add space Edit space Delete space

Total **16** Busy **12** Free **4**

Settings About Quit

Companion stream view



metrici accurate recognition

Find ...

- LPR
- QR Code
- Parking for LPR
- Toll station for LPR
- Weighing for LPR
- Parking Place Detector**
- Dashboard
- Parking events
- Live view

Bucharest / Buc3

2019-02-13 13:03:17

Parking places: **8**
Free places: 1
Busy places: 7

Bucharest / Buc4

2019-02-13 13:03:17

Parking places: **18**
Free places: 2
Busy places: 16

Bucharest / Buc1

2019-02-13 13:03:17

Parking places: **6**
Free places: 2
Busy places: 4

Town / Camera 1

2019-02-13 13:03:17

Parking places: **25**
Free places: 1
Busy places: 24

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