SEA | INNOVATIONS & EFFICIENCY

Creating parking space of the city

The main tasks of creating a parking space control system

- Definition of parking zones

- Interaction with different types of registers

- Purchase and installation of parking meters

- Purchase and installation of software for automation of parking payment process and payment control

- Complex provision of info protection and certification

- Providing equipment a payment control and photo recording of violations for inspectors

- Providing a convenient mobile parking payment tool for drivers

Creating parking space of the city designed by SEA Company

Creating parking space of the city can be organized by Automated Parking Payment Control System (APPCS) software.

APPCS is developed by specialists of the SEA Company for automation of parking payment processes, monitoring and dispatch of parking meters, control of payments and fines, generation of financial and other statistical reports.

APPCS is recommended for legal entities, owners, tenants, co-owners of parking services and complexes, drivers and parking services personnel (inspectors, dispatchers, operators).

Destination of the Automated Parking Payment Control System (APPCS) by SEA Company

1. Automation of parking payment processes by:
– credit card or Cash
– mobile app SEA Parking

2. Parking meters dispatching

3. Driver payment control by mobile app Parking Inspector

4. Formation of financial and other statistical reports

5. Imposing fines

Automated Parking Payment Control System (APPCS) by SEA Company
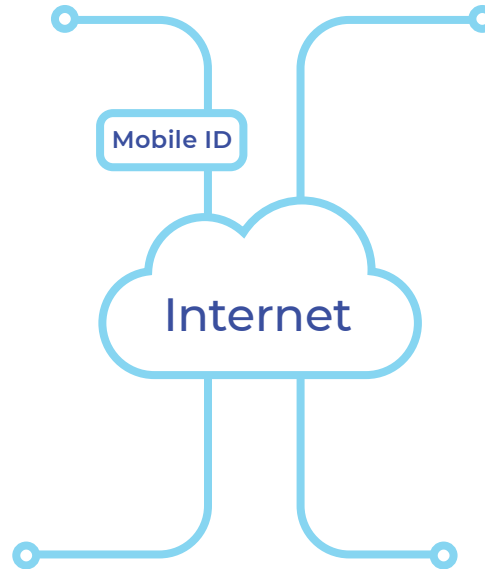has the certificate of complex provision info protection

Automated Parking Payment Control System (APPCS) structure

Parking Inspector with the Parking Inspector mobile app

Mobile ID

Internet

Batabase server

Parking dispatcher

Vehicle driver with the SEA Parking mobile app

Automated Parking Payment Control System (APPCS) equipment provides:

- Parking space system administration

- Fixation of all necessary user data with parking and payment history

- Control of payments by drivers based on the vehicle registration plates

- User access to obtain the necessary information

- Storage and archiving of information

- Possibility of interaction with other companies' programs

Web portal APPCS

It is a software product for monitoring technical, accounting information and getting real-time information about all parking meters.

Web portal APPCS includes the following departments:

1. Parking meters;

2. Parking spaces;

3. Administration;

4. Accounting;

5. Control of payment of fines;

6. Driver's office (possibility of reviewing the violation, topping up the account, etc.).
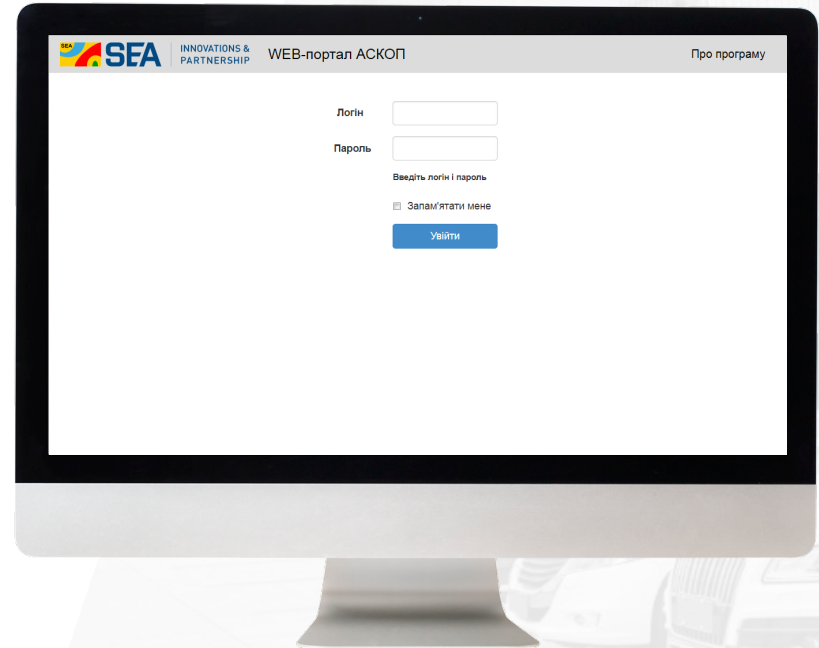
Parking meters dispatching

The server checks the status of parking meters (at least every half hour), automatically creates a report in the statistics log. Transaction and collection data are transmitted by the parking meters to the server immediately if there is a connection.

Access to formalized information from the server (in the form of tables, graphs etc.) is carried out on the portal from any computer according to the access rights given to the dispatcher.

The subsection "Parking meters" contains information about the serial number, location, real status, work schedule, transactions, related archives (reports and messages) of each parking meter.

The subsection "Parking" displays data about parking spaces (group, tariffs, places etc.).

Dispatcher can add / edit / delete any object from the system.

Automated Parking Payment Control System (APPCS) interface

Administration of the APPCS

The subsection «Administration» allows to create and manage the accounts of staff and parking users, change levels of access to services, add tariffs, categories of drivers and vehicles.

APPCS automatically blocks sessions after a set time inactivity, keeps logs of work with the system dispatchers, operators and inspectors.

Personnel access rights to information are limited in APPCS. The highest level of access is owned by the user, tentatively called the Superadministrator.

Accounting and reporting

The server of Automated Parking Payment Control System processes and stores data on the functioning of this system, drivers' vehicles, status and operation mode of the parking space.

Accounting of operations is carried out automatically. Parking operators and the owner of APPCS have access to the logs.

Reports are generated according to any available data and criteria in the ASKOP system, such as payment / non-payment for services, with the possibility of changing the content of reports and exporting information. Data is provided both in the real time and over a specified period.

The subsection «Accounting» contains a form for sampling transactions and z-reports by groups, parking lots and individual parking meters that included in the system.

APPCS interface

Inspector's technical tool for photo/video recording of violations

The technical tool is intended for use in APPCS as a mobile device of a parking inspector to control some provisions of the Code of Ukraine on Administrative Offenses.
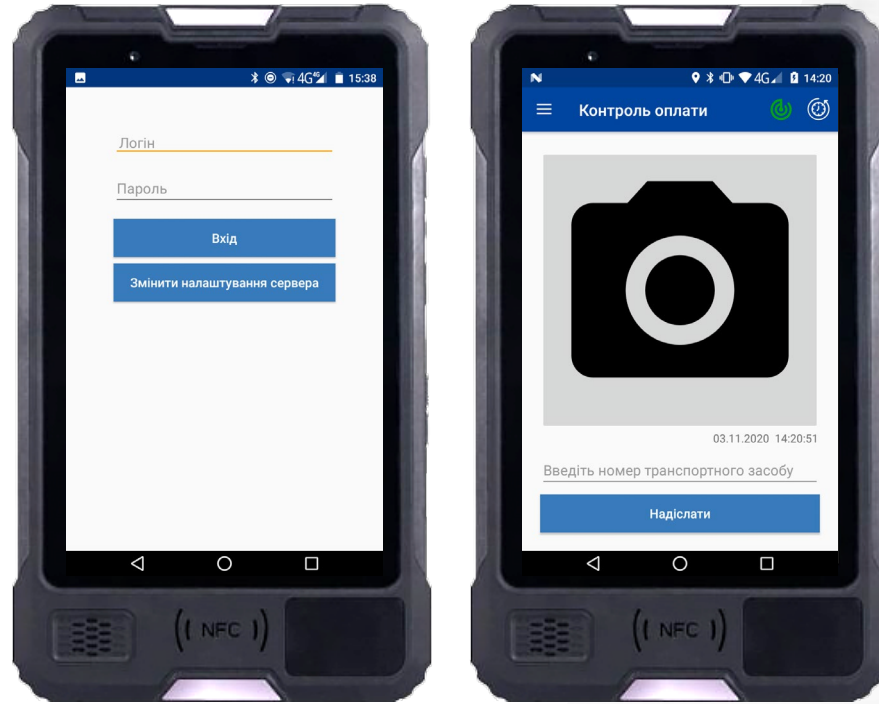

The main application window
(appears after successful user authorization).

Parking Inspector program capabilities

- Authorization of responsible inspector (login and password)

- Photographing vehicles and their reg plates for recognition and payment control

- The possibility of manual input of the vehicle number by the inspector

- Getting payment information from the server

- PARKING SPACE MONITORING

- Fixing violations of parking payment conditions
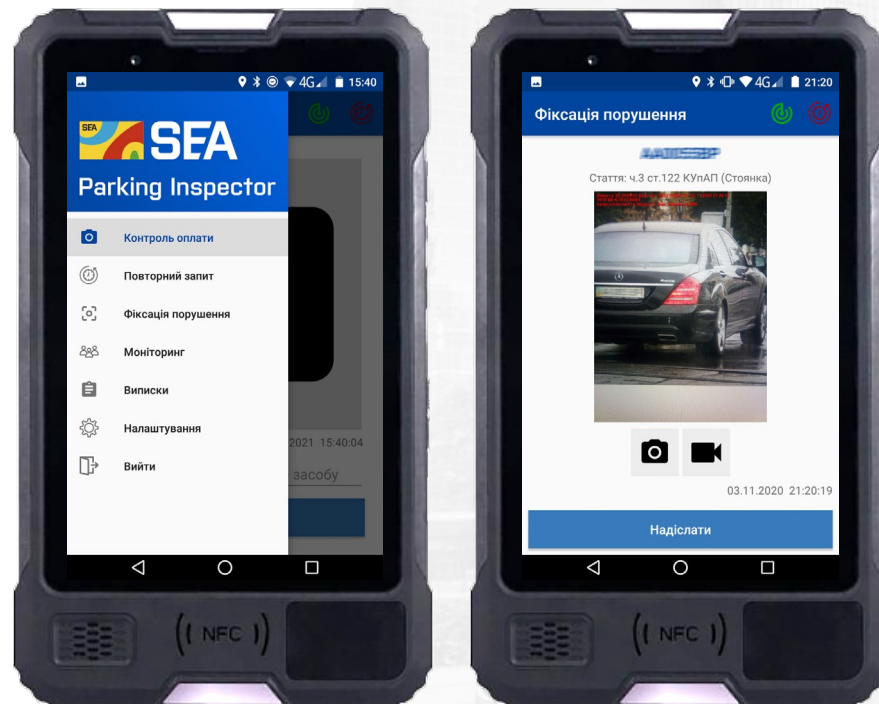
Photographing vehicles and their reg plates for transfer to the server.

Recording of violations
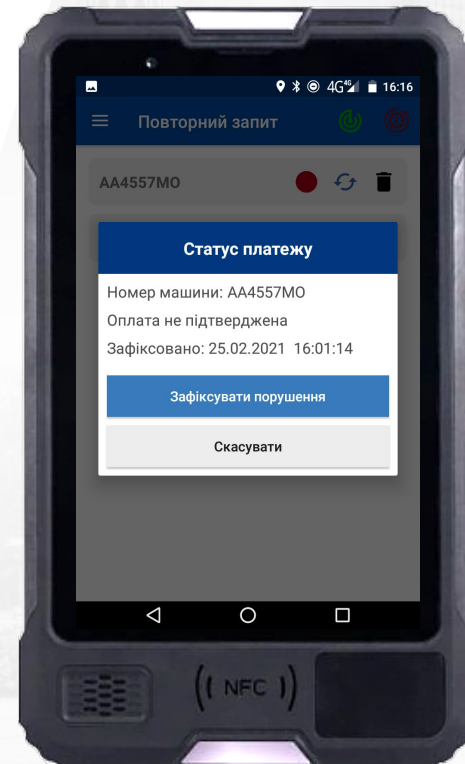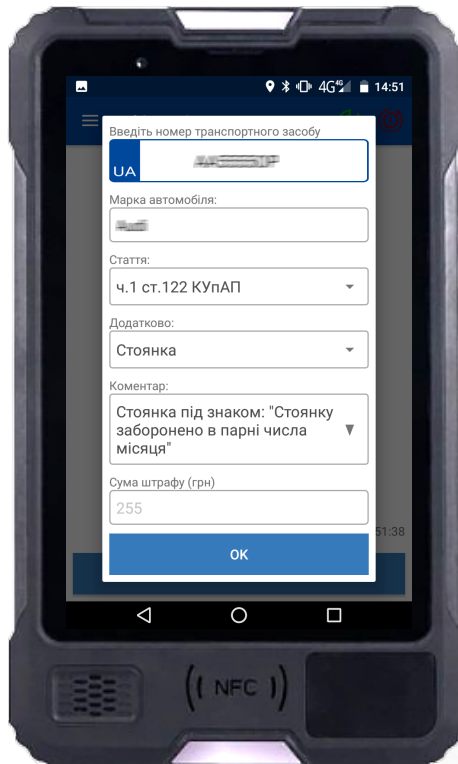
SEA Parking* app for drivers

For easy navigation and information updates about parking areas, as well as making cashless payments for the provided services using a device running the Android or iOS operating system.

The user is identified by mobile phone number. Registration is confirmed by the code from the SMS message and agreement with the terms of use of this program.
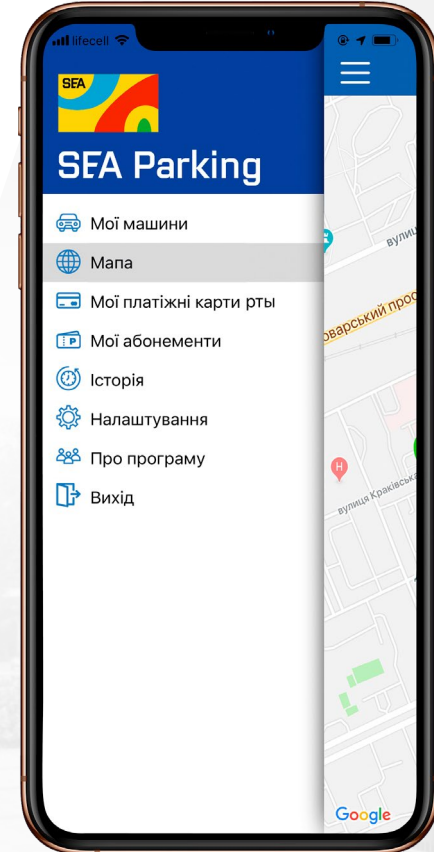
available for download on the Play Market and App Store

SEA Parking program menu

• **My cars - the list of vehicles.**

• **Map with a list of parking lots.**

• **My payment cards.**

• **My parking pass.**

• **Parking history.**

• **Settings – interface language, e-mail address, rules of use, etc.**

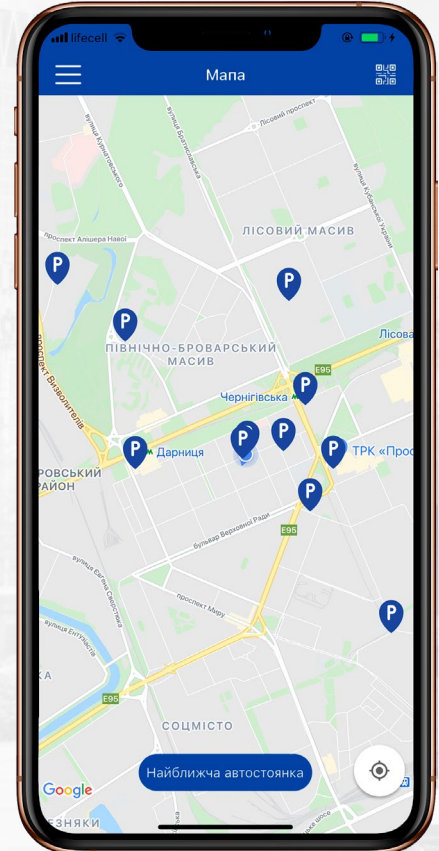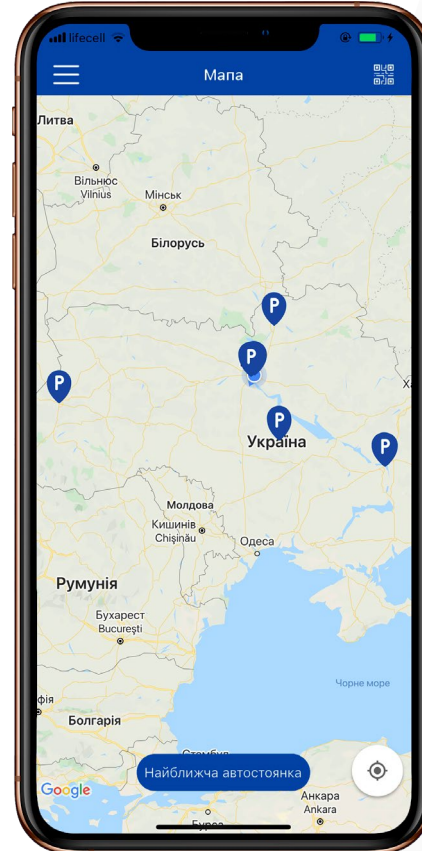• **About the program.**

• **Exit.**

Parking search in the mobile app SEA Parking

The map shows markers of available parking spaces and the location of the user's mobile device in mobile app SEA Parking.

The selection of parking lot for viewing is carried out by touching the marker: a separate window displays service information.
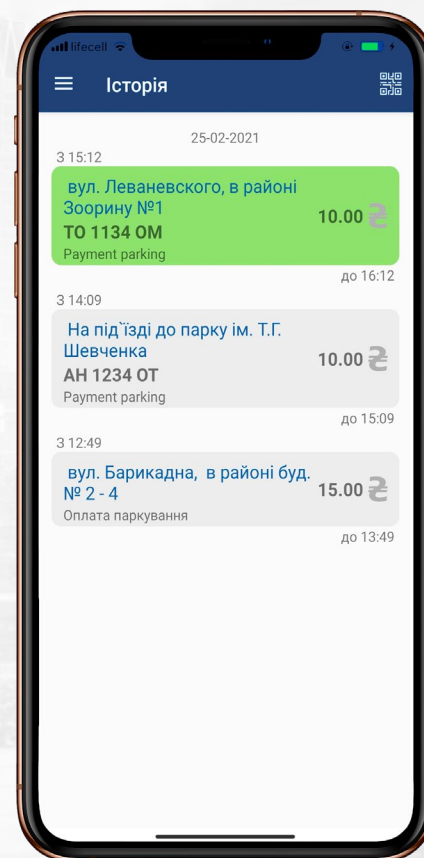
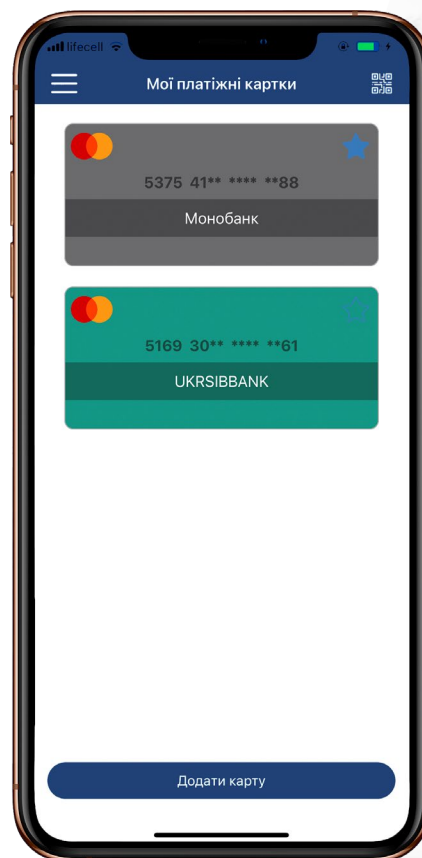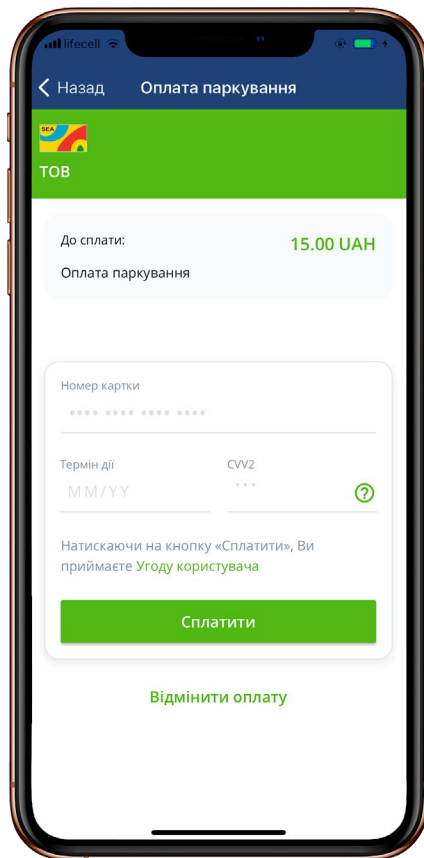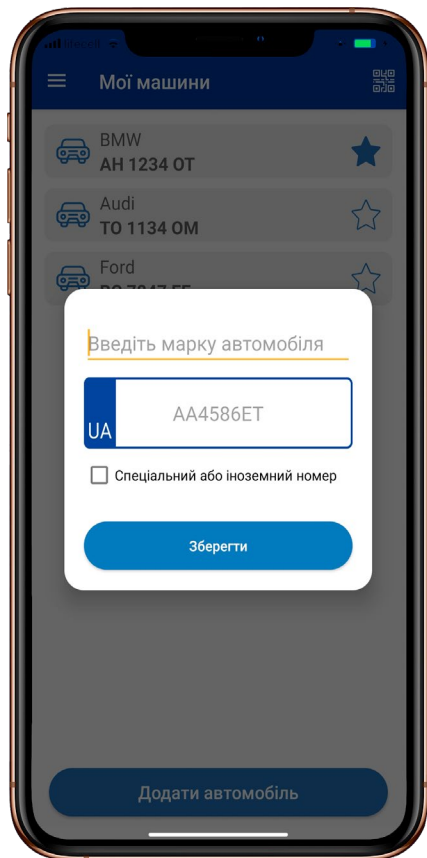# Payment for parking in the mobile app SEA Parking

Parking space users can pay for parking services using parking meters or the mobile application SEA Parking.

The «Payment» screen allows you to set the parking time, choose a vehicle and make a payment.
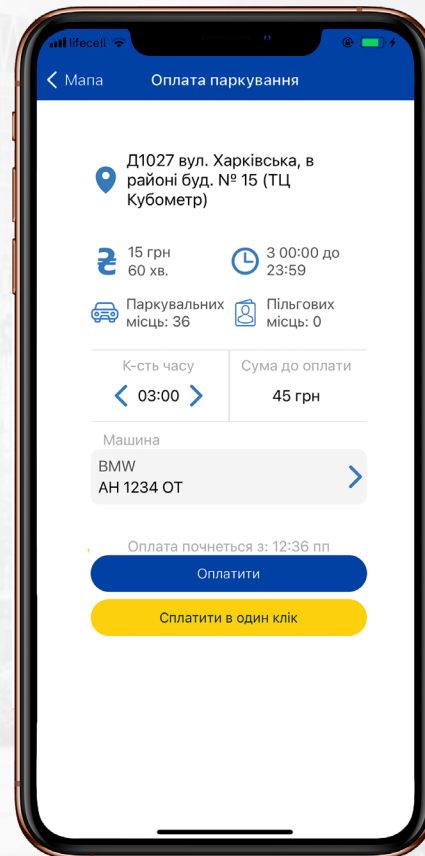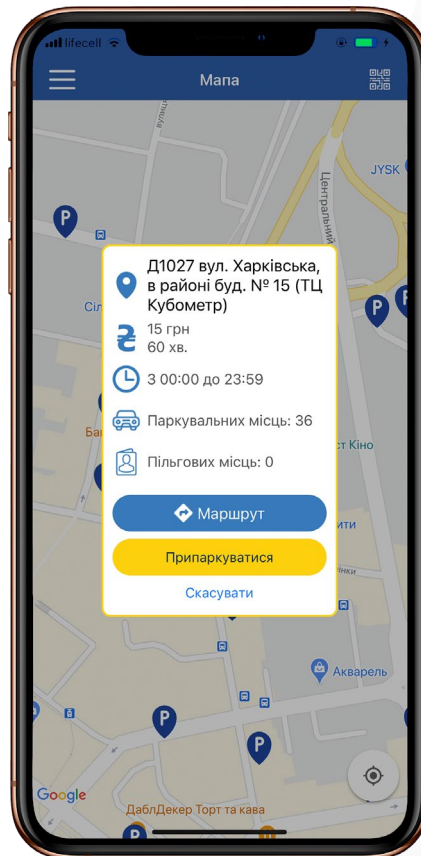
Payment for parking in the mobile app SEA Parking

Main advantages of Automated Parking Payment Control System (APPCS)

High level of system adaptation and administration

Possibility of use throughout the territory of country

Keeping records and archives, generating statistics and reports

Info protection and data backup

Uninterrupted system operation

Support for non-cash payment methods for parking

Availability of mobile applications for customers and staff

Possibility of integration with other information systems

Great cost savings for creating a parking collection system

Thank you for your attention

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