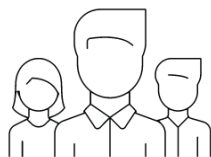


COMMUNICATION CITIZEN-MUNICIPALITY: TRANSPARENCY, AVAILABILITY, CONTROL



Our offices:
Samara, Togliatti, Moscow,
Penza, Chelyabinsk



1 200+
staff
members



380+
completed
projects



80+
mobile
applications

Our awards





Housing and utilities

- Waste management
- Vehicle transport management
- Accounting system of energy resources
- Unified dispatch center
- Household register
- Moscow public utilities App



Social sphere

- Electronic referendum system
- Our city – a mobile reception
- Moscow transport system
- Discover Moscow
- Parking
- Library of Khakassia



E-government

- Mobile workplace of traffic police officer
- Government services mobile app
- Top manager's tablet
- Automation of interdepartmental cooperation
- Sociology 2.0
- Party office



Business

- Mobile user dashboard
- Big data analytics
- Warehouse logistics optimization
- Custom software and mobile app development
- Technical support

A service of electronic referendums allowing to conduct regular public opinion polls

-  It allows to publish new polls and receive statistics online
-  The average time to prepare a new survey is 45 minutes
-  Effective communication with citizens based on voting results
-  It does not require organization of polling stations, printing out of ballot papers or agitation



Citizens are targeted
by various characteristics:

 Gender

 Civil status

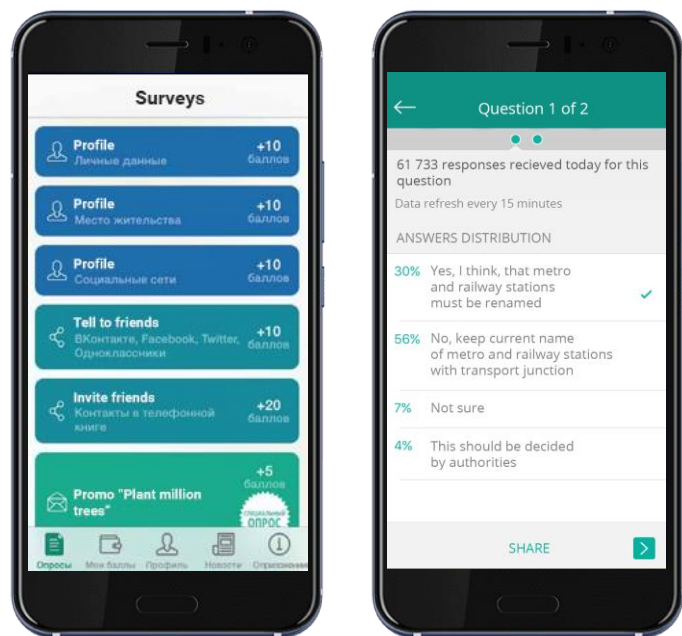
 Previous surveys

 Age

 Residential address

 Selected earlier answers

In addition to conducting polls, the electronic referendum platform can be used as an independent information channel.



Around **2 500 000** active users today.



Residents	Opinions
12,5 million	123 131 779

Active users	Polls
2 491 918	4 141



Residents	Opinions
492 331	29911

Active users	Polls
14890	44



Residents	Opinions
595 201	6238

Active users	Polls
5729	11



Residents	Opinions
1 213 000	6817

Active users	Polls
4000	17

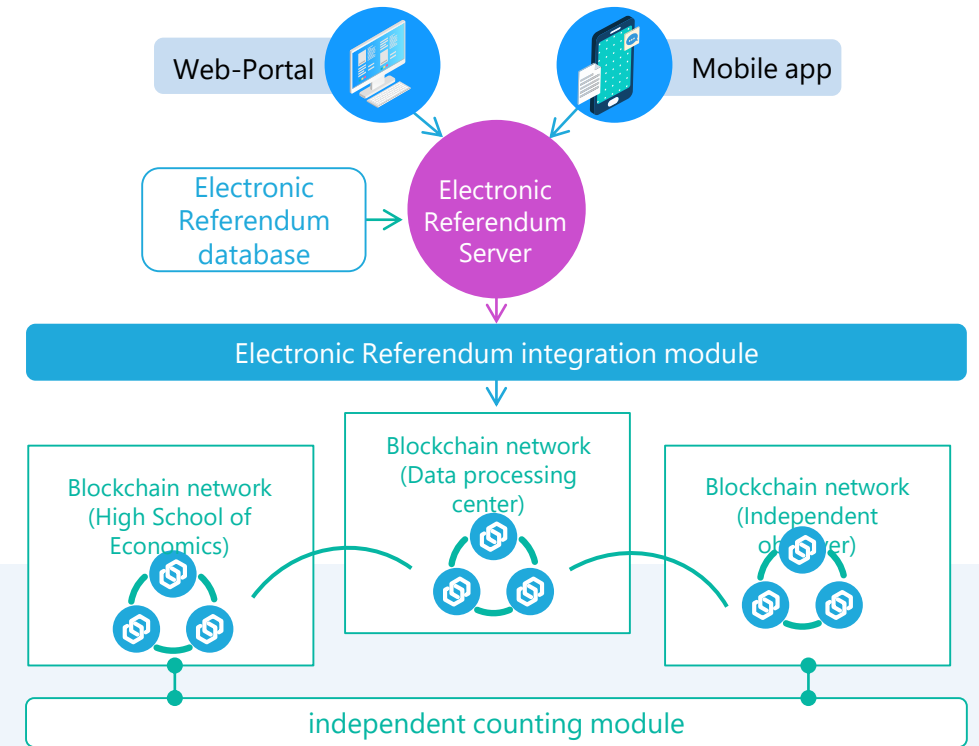
Electronic referendum platform on the Blockchain



An independent audit by PricewaterhouseCoopers (PwC) confirmed that there was no impact on the course and results of voting, including the polls conducted with more than 300,000 participants.

The use of the Blockchain technology increases the level of confidence in the voting and guarantees its immutability, since now anyone can follow the voting process by becoming a member of the Blockchain network.

The voting function is implemented on the Blockchain technology. Now anyone can follow the voting process.



In the Blockchain, you can check the chronology of the appearance of votes and confirm their uniqueness.

Technology stack

Android client: android SDK, Java, SQLite

iOS client: Swift + Thin Controller MVC

Web servers: apache /nginx

CMS: PHP jquery

WEB 2.0: JS Angular 2+

DB: PostgreSQL

Framework: Yii

Langs: PHP, JavaScript

Writing data to the Blockchain is carried out in 3 simple steps:

1

Voting takes place on the Electronic referendum website or in the mobile application of the project according to the standard scheme.

2

After voting, the result is recorded in the Blockchain.

3

All voices are also duplicated on computers of independent observers in real time.

The way it works

The user installs on his personal computer a distribution kit of the program for creating a node of the Blockchain network and starts receiving votes from the Electronic Referendum website in real time. If it is necessary to count the votes, the user starts the program for counting the votes and audits the results of the voting.



Publish complaint

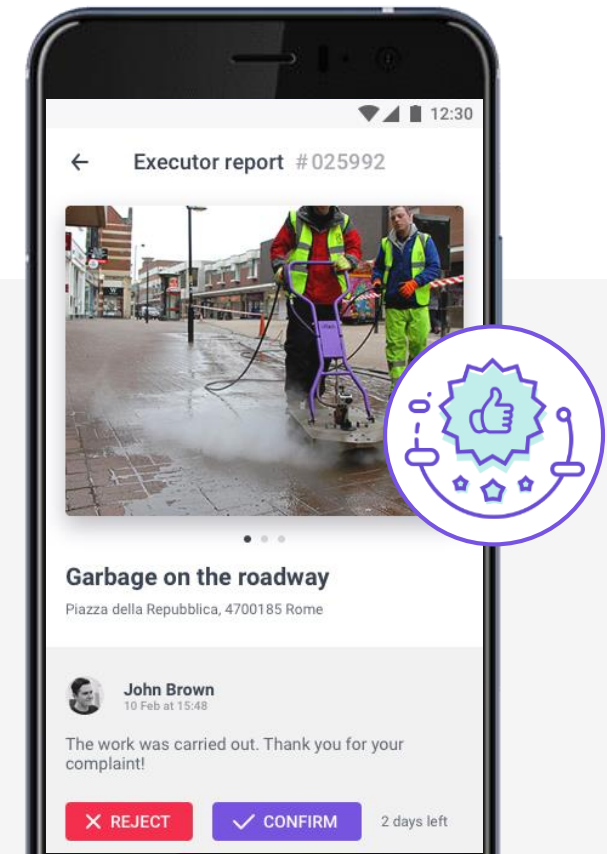
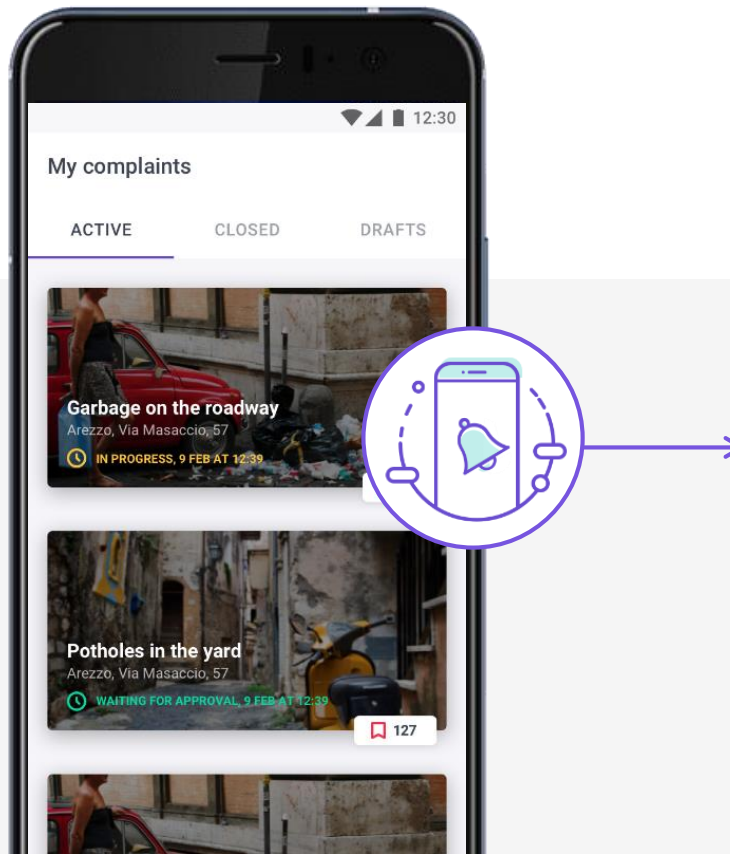
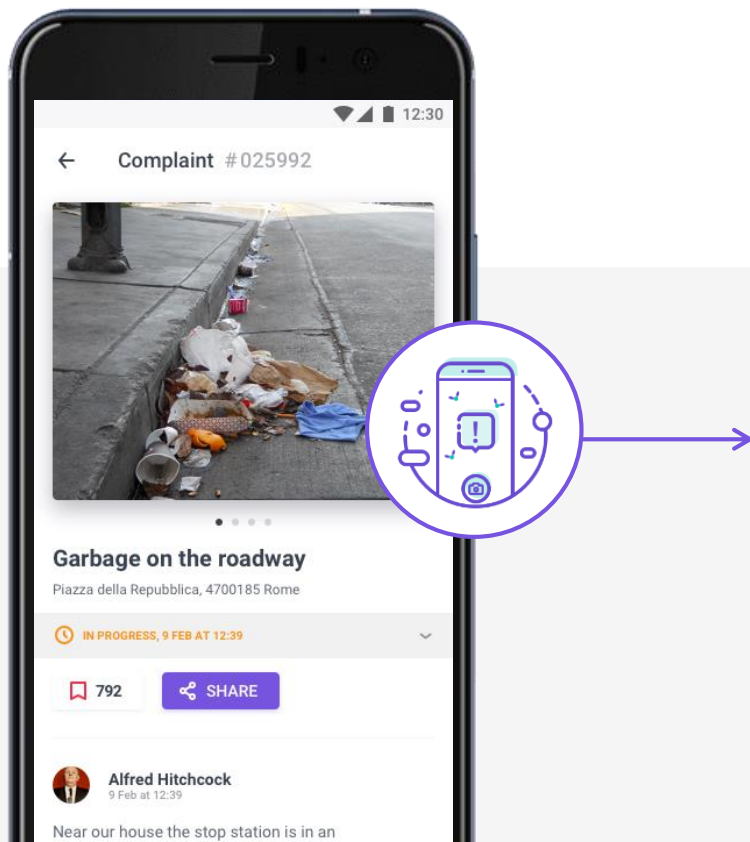
Publishes a complaint in mobile app or web site with a photo of the problem in the service

Receive notification

The local municipality and municipal services eliminate the problem and inform the citizen about the results

Enjoy

The citizen confirms the elimination of the problems and enjoy the purity of the city



Goals of implementation

Involve residents in managing the city, collection and processing of residents complaints about various issues regarding the city infrastructure.
Collect analytical information on contractor efficiency.

Active users

1 472 686

Solved problems

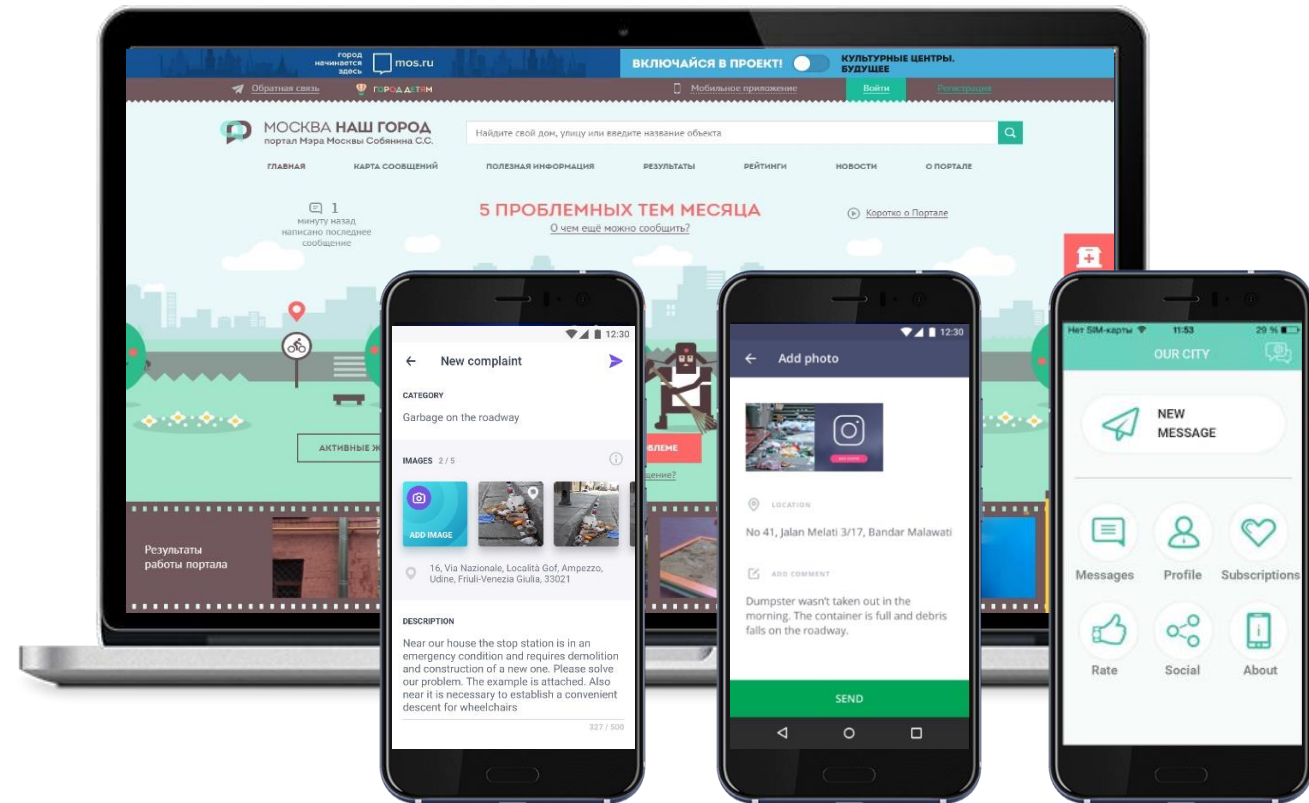
3 671 974

Messages published

5 115 482

Problems in work

48 610



Smart Comune
(EU)

iClean Selangor
(Malaysia)

Our City
(Russia)

The growth of quantity of users registered in electronic referendum system indicates efficiency of this project and formation of interest in this form of active citizenship expression.



Increased legitimacy of management decisions in the eyes of the urban community



Increased confidence in work of city authorities



Increased community ownership of city affairs



Raise of public awareness of young audience

Implementation and maintenance of OpenSource solutions:

- All employees are experienced in working with OpenSource solutions
- Development of all solutions and products is based on OpenSource products, unless otherwise requested by the customer
- Flexibility and agility: Open source enables technology agility, typically offering multiple ways to solve problems.
- A great advantage of open source is the ability to take the community versions, get started, understand whether they can solve your business problem, and begin to deliver value right away.

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Framework: Yii

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THANK YOU
FOR YOUR ATTENTION!

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