GENESIS BLOCK
IT challenge for your business

Modern development of urban toilet modules on the consumer market of sanitary and hygienic services



About Genesis Block

Genesis Block is engaged in software development, implementation of payment systems, software and web solutions for e-commerce and blockchain solutions for business. Since 2010, we have been one of the Russian market leaders in terms of project development for electronic payment systems and payment terminals, self-service devices, processing and acquiring.

Our solutions are used in more than 20,000 self-service payment terminals, pos-terminals and smartphones in Russia, Saudi Arabia, the United Arab Emirates, Spain and Turkmenistan. Since 2016, the company has been engaged in research and development in the field of blockchain technologies and provides consulting services for blockchain projects.



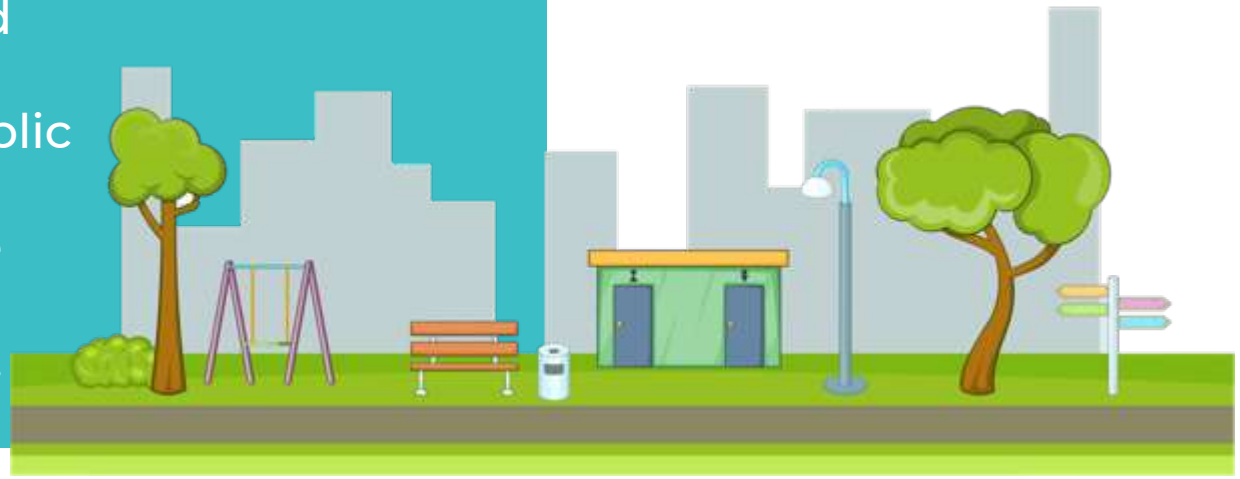


Our partners and clients are payment systems, housing and communal services providers, banks, telecommunications companies, blockchain projects, service providers. Wherever it is necessary to implement high-speed, high-quality and reliable payment processing and acceptance systems, we offer the most profitable and reliable solutions.

The Decree of the Government of Moscow dated 01.10.2012 No. 526-PP on the "Sectoral scheme for the placement of public toilets in the city" defines the need for the placement and development of a network of public city toilets in the city of Moscow.

The main goals of the Decree:

- Provision of sanitary and hygienic services to citizens and guests of the capital;
- Improving the quality of life and developing urban infrastructure;
- Improving the level of cleanliness and comfort of city toilets;
- Reducing the cost of maintaining public toilets;
- Modern elegant design enhances the attractiveness of the city;
- Environmental care (water recycling).



Modular toilets advantages

- Cleanliness, hygiene, public health;
- Attractive appearance;
- Ease of use for the disabled and elderly;
- Fully automatic toilet operation process, including automated internal washing;
- Electronic payment system;
- Vandal-proof equipment concept
- Mobility and autonomy (without the need to connect water supply and sewerage).



Prague



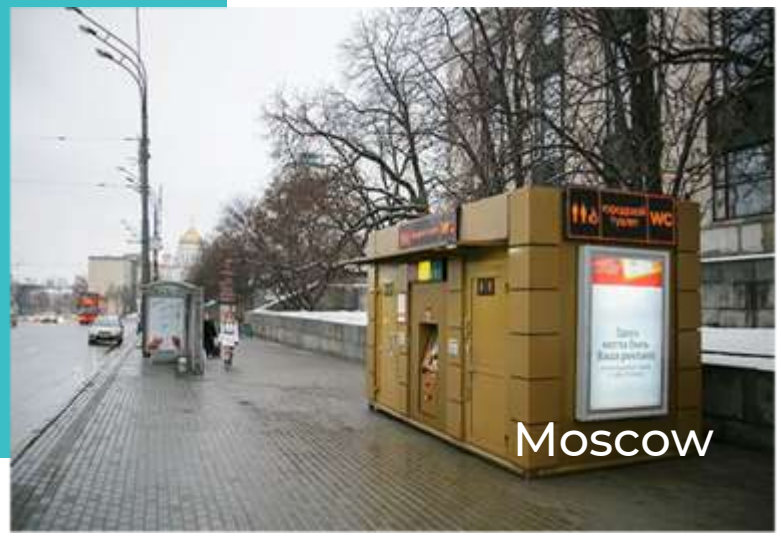
New York

Modular toilets advantages

- The project of autonomous toilet modules is an aesthetic product, organically integrated into the modern urban style.

- Based on the population of the city and the places of mass gathering of its residents and guests, the program identified and selected 1089 sites for the placement of public toilets (situational plan of the program).





Conceptual solutions for interior design



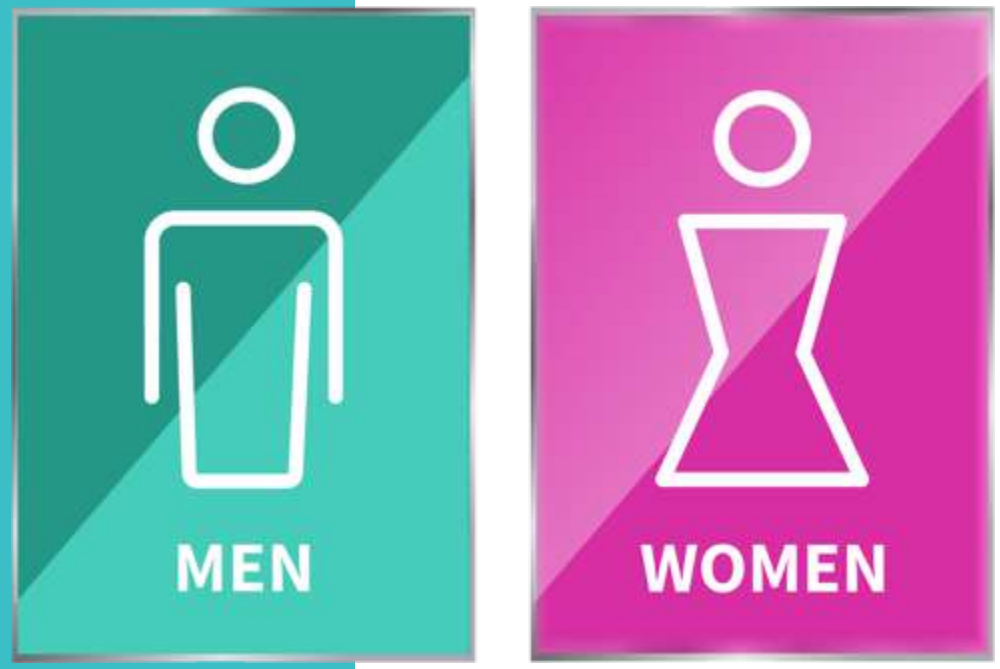
Conceptual solutions for interior design



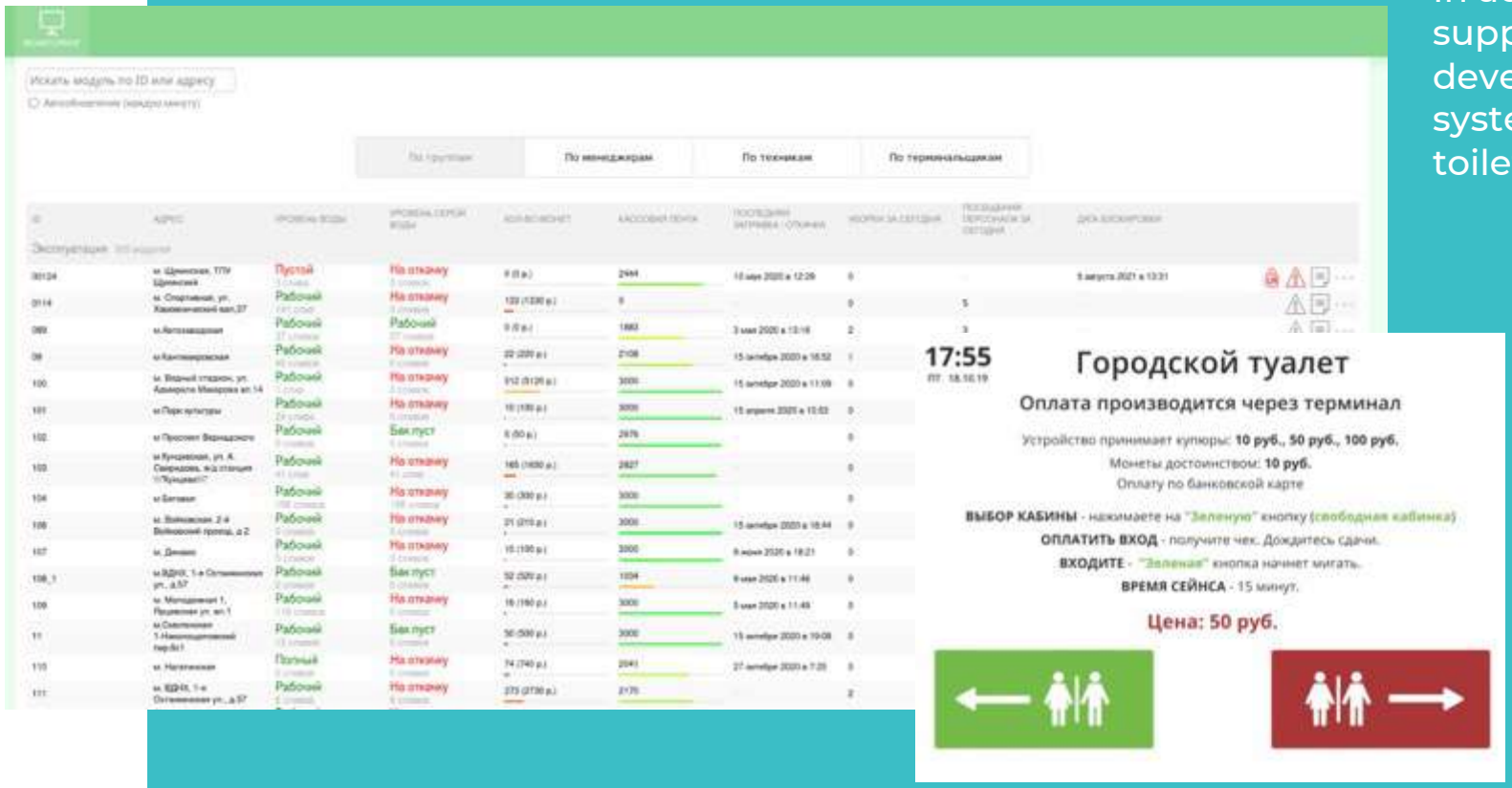
Development of new company’s products

In order to implement the program for the development of urban toilet modules of a new generation our company has organized production at the most modern level.

- New architectural, design and engineering solutions in the process of creating portable toilet models;
- The appearance of modular structures and buildings should harmoniously fit into the architectural appearance of the city;
- Strict compliance with international quality standards, selection of modern and environmentally friendly building materials.



Development of new company’s products



In addition to the development and supply of modules, Genesis Block has developed an intelligent control system for the equipment of urban toilets.

Our software allows you to monitor the sensors of filling, water, temperature and other parameters. It includes electronic lock control devices, as well as an information and payment terminal interface, which is used to pay for using the service, entering and exiting the toilet.

EXAMPLES OF THE IMPLEMENTATION OF URBAN TOILETS



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ПРИМЕРЫ РЕАЛИЗАЦИИ ГОРОДСКИХ ТУАЛЕТОВ



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