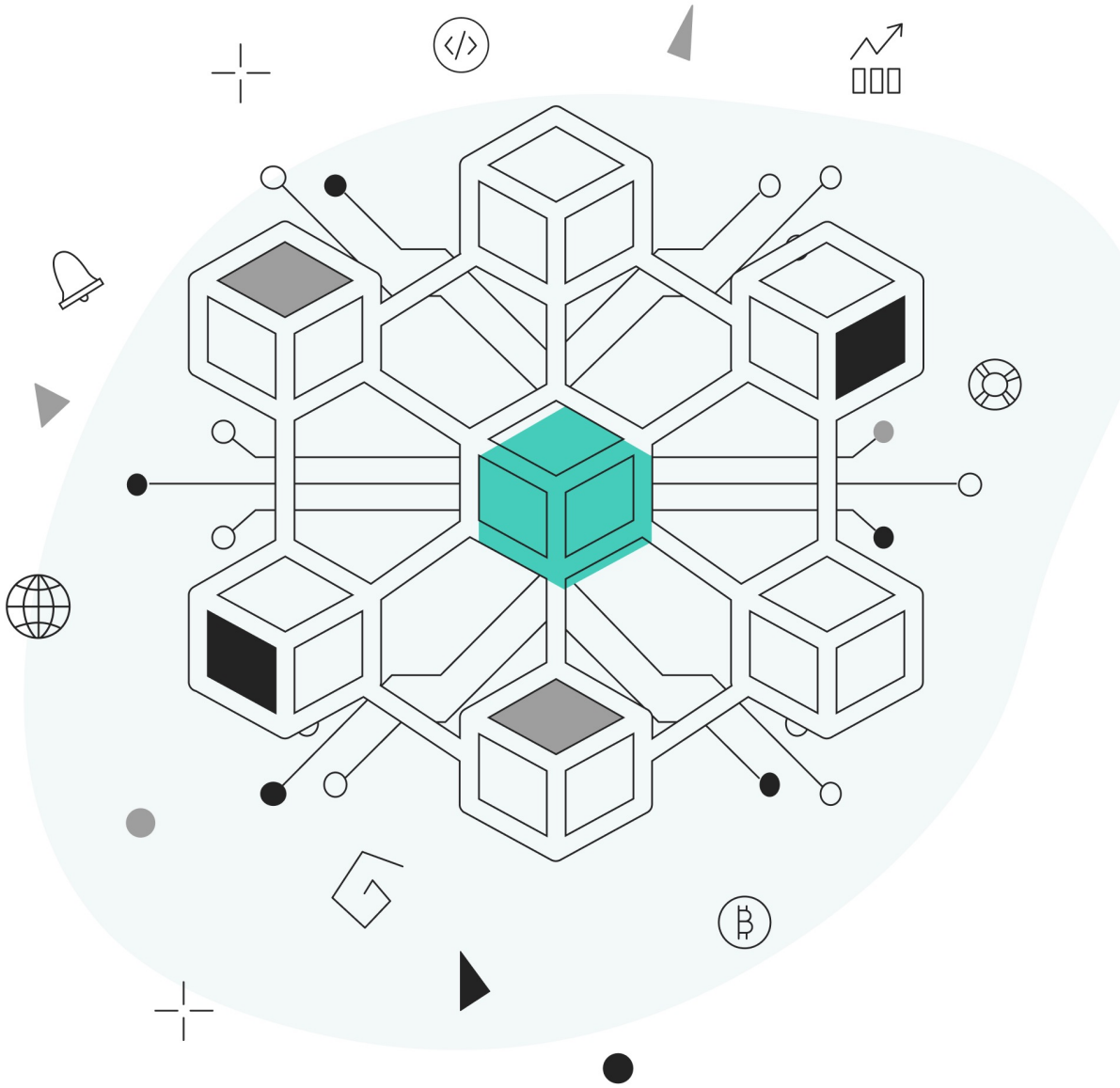
GENESIS BLOCK
IT challenge for your business

Overview of flagship projects for business and the state sector by GenesisBlock



O Genesis Block

Genesis Block is engaged in software development, implementation of payment systems, software and web solutions for e-commerce and blockchain for business. Since 2010, we are one of the leaders in the Russian market of project development for electronic payment systems, 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, banks, telecommunication companies, blockchain projects and 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.

Factors contributing the increased demand on blockchain systems

1. Improving the reliability and security of trading operations when concluding trade transactions due to the immutability of records stored in the blockchain and the impossibility of their falsification.

2. Implementation in electronic form of the process of tracking the movement of goods and payments in the form of distributed entries in the blockchain registry with guaranteed integrity of the information used by regulatory authorities.

3. Each product participating in a transaction can have its own history stored digitally, and the system is configured so that each supplier does not need to contact a central authority to complete transactions.



GBLedger blockchain platform for use in digital economy projects

- GBLedger is a unique blockchain development created in Russia and does not depend on the actions of unfriendly countries that can disrupt its work or interfere with the functioning of the platform and the projects implemented on it.
- GBLedger can be used to organize working processes in various fields of economics and finance, guaranteeing high data transfer speed, confidentiality and transparency of information when keeping records in the Central Bank system, identification of contractor organizations.
- GBLedger promotes the development and deeper implementation of the latest digital technologies for the implementation projects with high complexity and workload.



РОССИЙСКАЯ ФЕДЕРАЦИЯ

СВИДЕТЕЛЬСТВО

о государственной регистрации программы для ЭВМ

№ 2022668447

Платформа для разработки и исполнения приложений на базе распределенных реестров «Платформа GBLedger»

Правообладатель: *Общество с ограниченной ответственностью «Генезис Блок» (RU)*

Авторы: *Маликова Екатерина Николаевна (RU), Баландин Николай Владимирович (RU), Сапожников Владислав Викторович (RU)*

Заявка № 2022667640
Дата поступления 29 сентября 2022 г.
Дата государственной регистрации
в Реестре программ для ЭВМ *06 октября 2022 г.*

Руководитель Федеральной службы по интеллектуальной собственности

Ю.С. Зубов

GBLEDGER

GBledger platform' characteristics



Federal Law Compliance



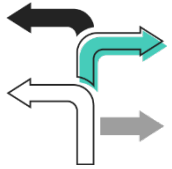
Network bandwidth is 100 000 transactions per second



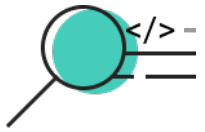
Block generation time



The ability to differ levels of access to information



Choosing a Cryptography Algorithm



Blockchain Observer



Low and pre-known network fees



Addresses in an easy-to-remember format



The ability to change password to the account without changing its address

Areas of GBLedger system implementation

- A unified system for conducting trade transactions between parties using digital assets (including the digital national currencies).
- A platform for trading digital financial assets, independent of Central Federal District issuers.
- A platform for making settlements under international contracts using digital financial assets and clearing in local currencies of the parties.
- A platform for registering and monitoring the execution of smart contracts using digital assets.



GBLEDGER

NFT Platform

The NFT format allows to create a unique digital signature for an object that cannot be forged or changed thanks to the blockchain security functionality. But, like any new technology, NFT has its pros and cons.

- The ability to create and distribute unique content
- The use of technology for various business areas
- Convenience in issuing and placing tokens
- Easy transaction
- Accessibility for aspiring talents and users

- The complexity of storing digital object data
- Using technology for illegal and grey financial transactions
- High probability of digital forgeries
- Lack of connection of a digital artifact in the form of a graphic object with its token
- Legal uncertainty

GENESIS BLOCK
IT challenge for your business

Gbledger NFT vs ETH

For most market participants NFTs are associated with Ethereum (ETH), this is a crypto market that has no legal certainty. Central banks and law enforcement agencies take a strictly prohibitive position against it!

	Ethereum	Genesis Block
Algorythm	PoW (PoS in future)	DPoS
Transaction speed, h/s	30	1068 and more
Mandatory commission	Yes	No
Milticurrency	No	Yes
Block size	31kb	2,6kb
Block Search period	15 sec	3 sec

GENESIS BLOCK
IT challenge for your business

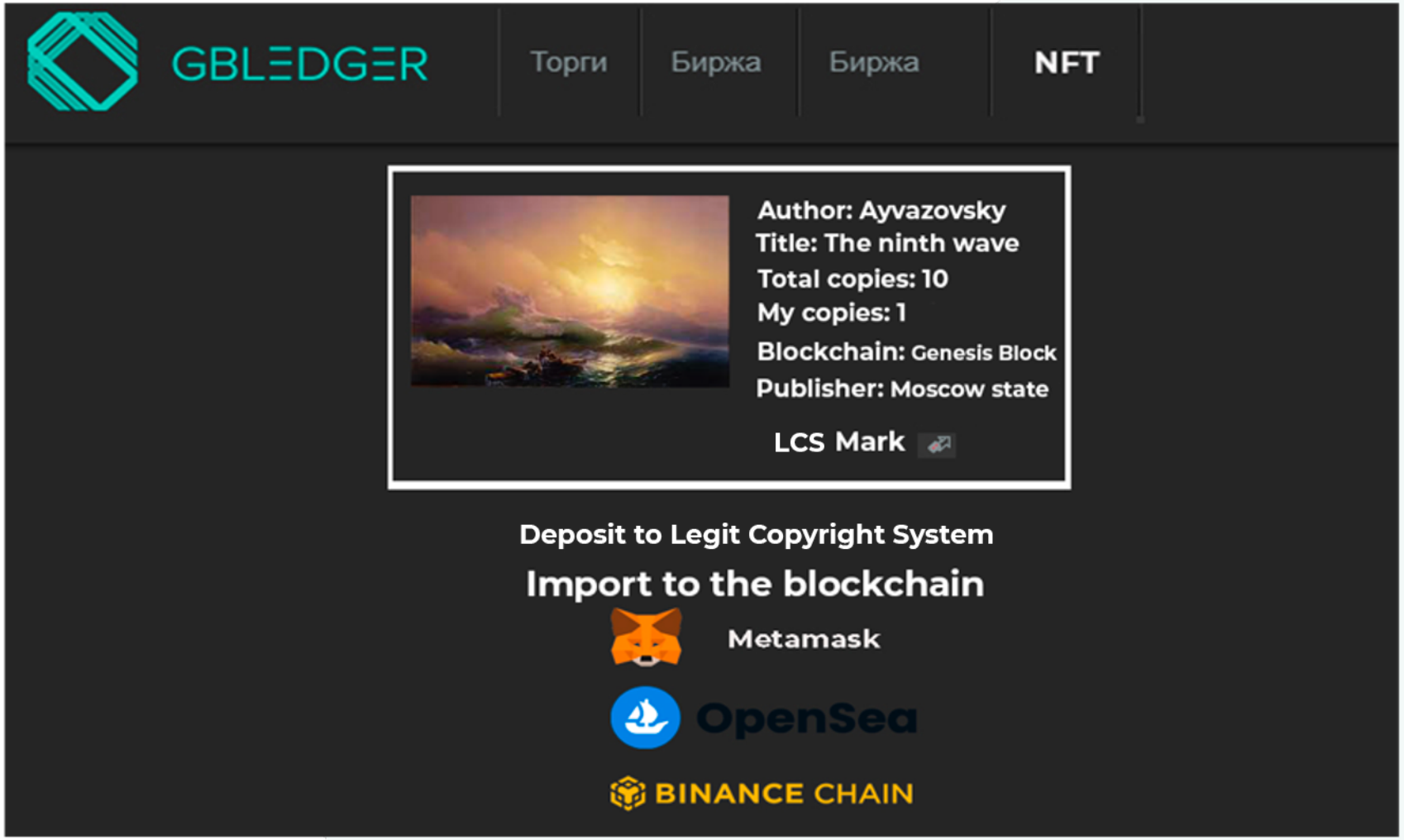
Advantages of the Genesis Block solution

Within the ETH blockchain the path for novice content authors is closed: commissions for the creation, modification and auction of an art object amount to hundreds of dollars!

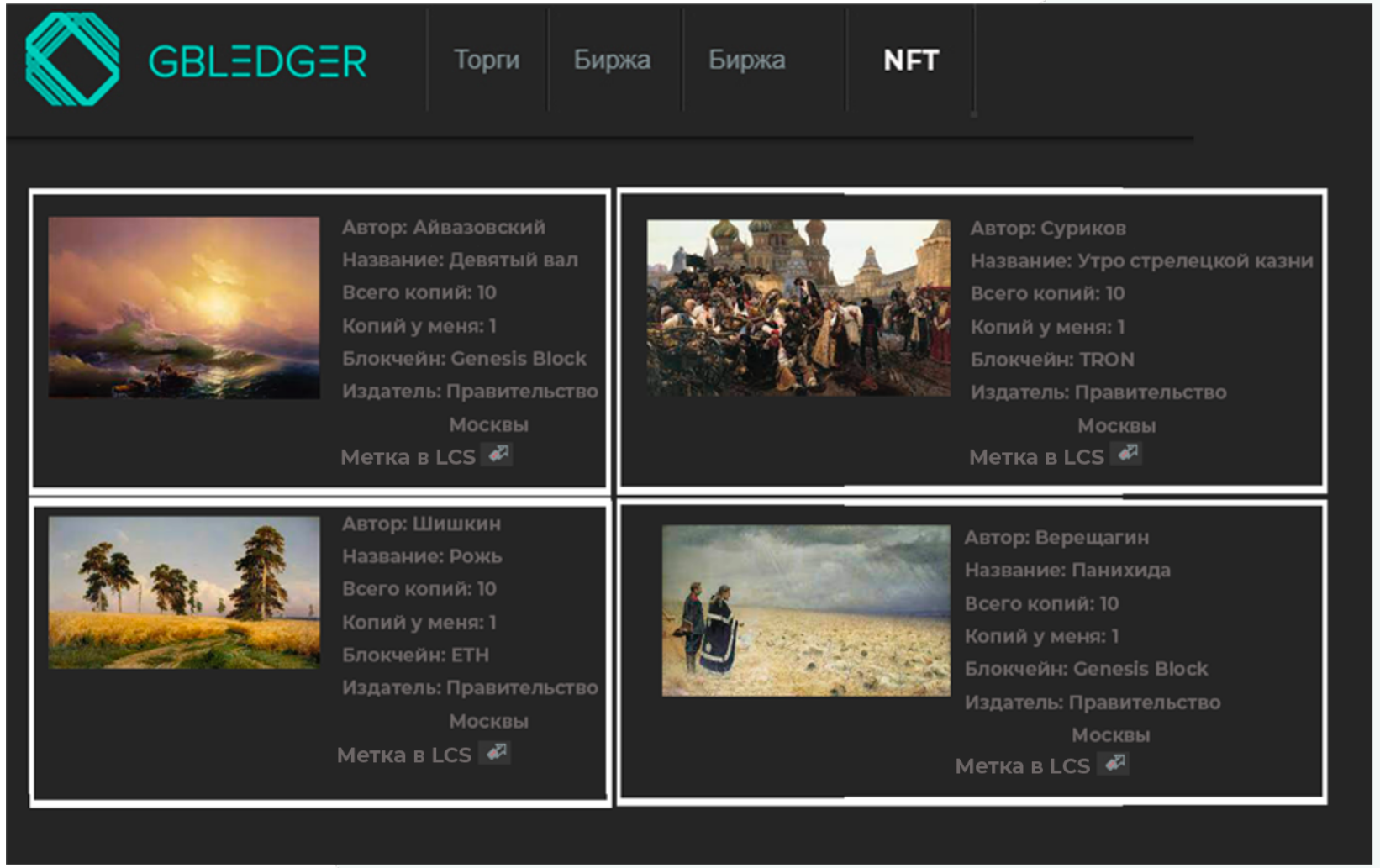
Genesis Block blockchain' commissions are 100 times lower!

Genesis Block blockchain is an eco-friendly, green blockchain! Unlike the ETH blockchain, it does not consume the electricity of an entire continent.

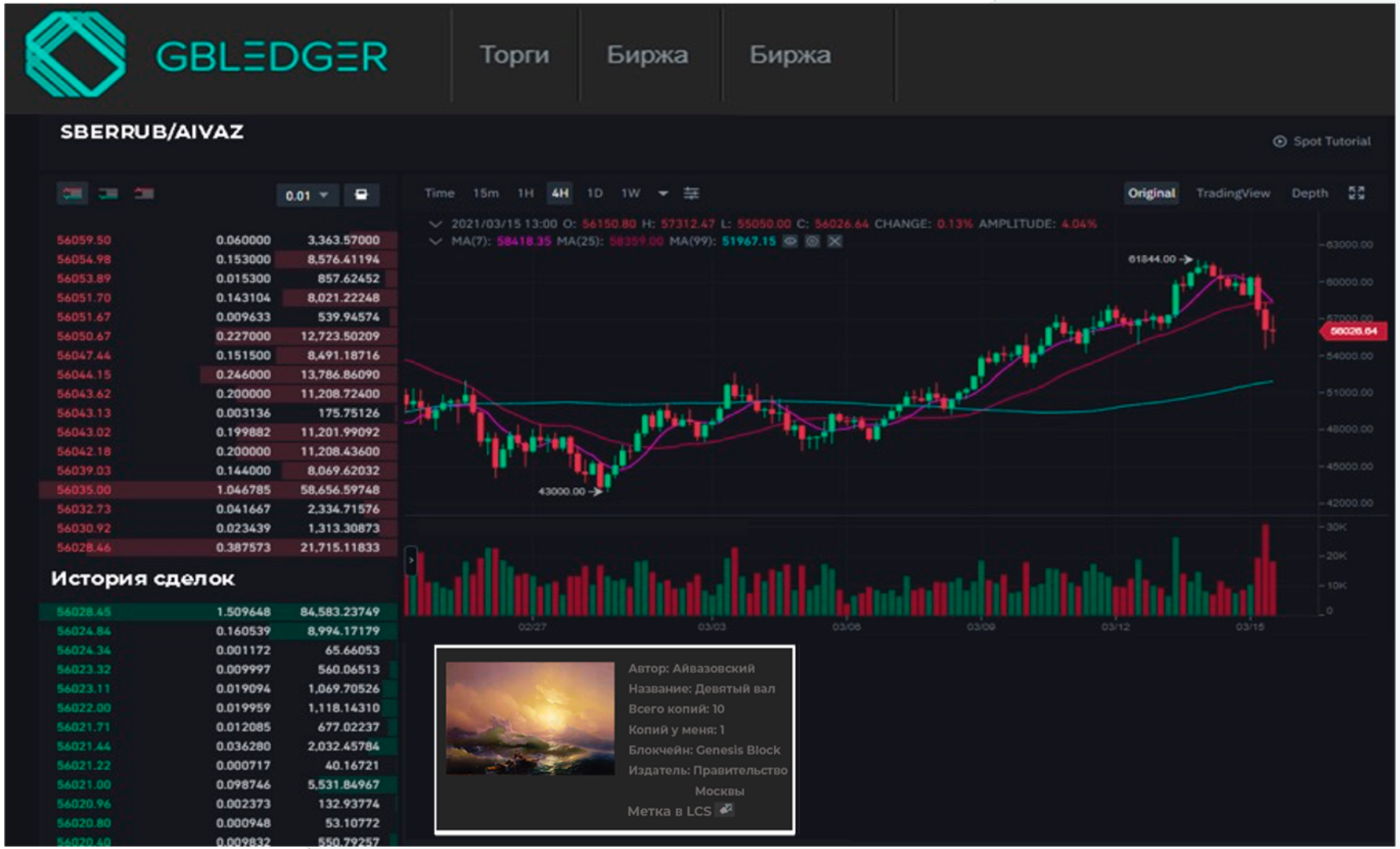
NFT token publication



NFT collection

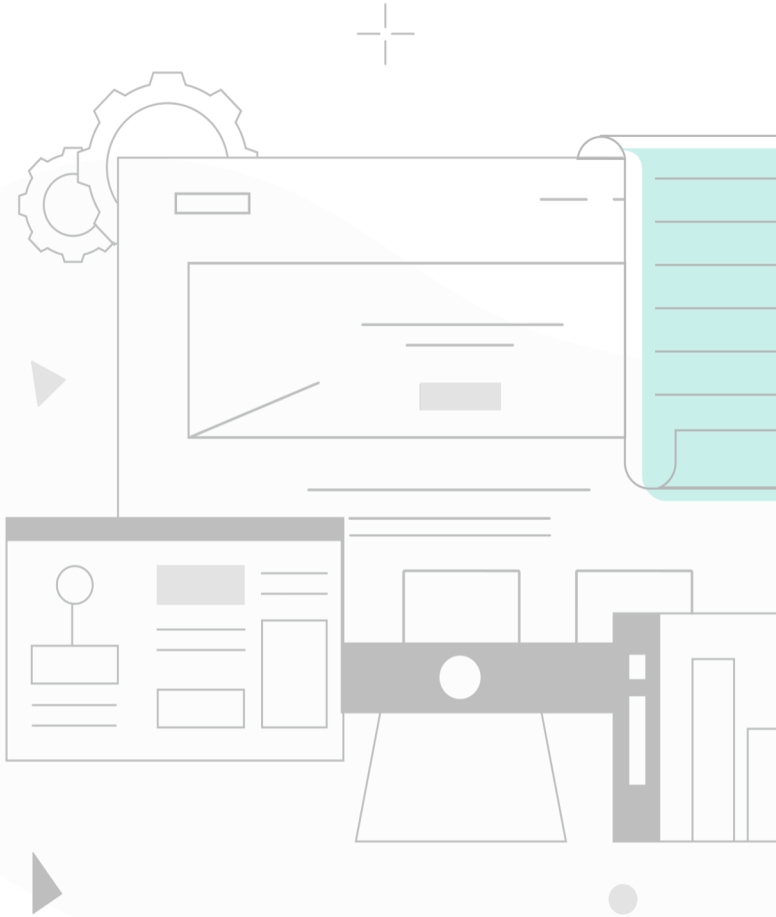


NFT Trading


GBLEDGER
Торги
Биржа
Биржа
SBERRUB/AIVAZ
Spot Tutorial
Time 15m 1H 4H 1D 1W
Original TradingView Depth
2021/03/15 13:00 O: 56150.80 H: 57312.47 L: 55050.00 C: 56026.64 CHANGE: 0.13% AMPLITUDE: 4.04%
MA(7): 58418.35 MA(25): 58359.00 MA(99): 51967.15
61844.00
43000.00
56026.64
56059.50 0.060000 3,363.57000
56054.98 0.153000 8,576.41194
56053.89 0.015300 857.62452
56051.70 0.143104 8,021.22248
56051.67 0.009633 539.94574
56050.67 0.227000 12,723.50209
56047.44 0.151500 8,491.18716
56044.15 0.246000 13,786.86090
56043.62 0.200000 11,208.72400
56043.13 0.003136 175.75126
56043.02 0.199882 11,201.99092
56042.18 0.200000 11,208.43600
56039.03 0.144000 8,069.62032
56035.00 1.046785 58,656.59748
56032.73 0.041667 2,334.71576
56030.92 0.023439 1,313.30873
56028.46 0.387573 21,715.11833
История сделок
56028.45 1.509648 84,583.23749
56024.84 0.160539 8,994.17179
56024.34 0.001172 65.66053
56023.32 0.009997 560.06513
56023.11 0.019094 1,069.70526
56022.00 0.019959 1,118.14310
56021.71 0.012085 677.02237
56021.44 0.036280 2,032.45784
56021.22 0.000717 40.16721
56021.00 0.098746 5,531.84967
56020.96 0.002373 132.93774
56020.80 0.000948 53.10772
02/27
03/03
03/06
03/09
03/12
03/15
Автор: Айвазовский
Название: Девятый вал
Всего копий: 10
Копий у меня: 1
Блокчейн: Genesis Block
Издатель: Правительство Москвы
Метка в LCS

GBLedger platform’s functionslity in execution of international trade transactions

- Automation the process of creating and fulfilling the terms of contracts with minimization of the human factor at all stages of submission and execution of applications.
- The ability to create smart contracts for automatic repayment of collateral and funds transferring using digital assets.
- Improving the security of stored information with the exception of the possibility for data substitution and deletion.
- Transparency of the contractual framework for both customers and suppliers.

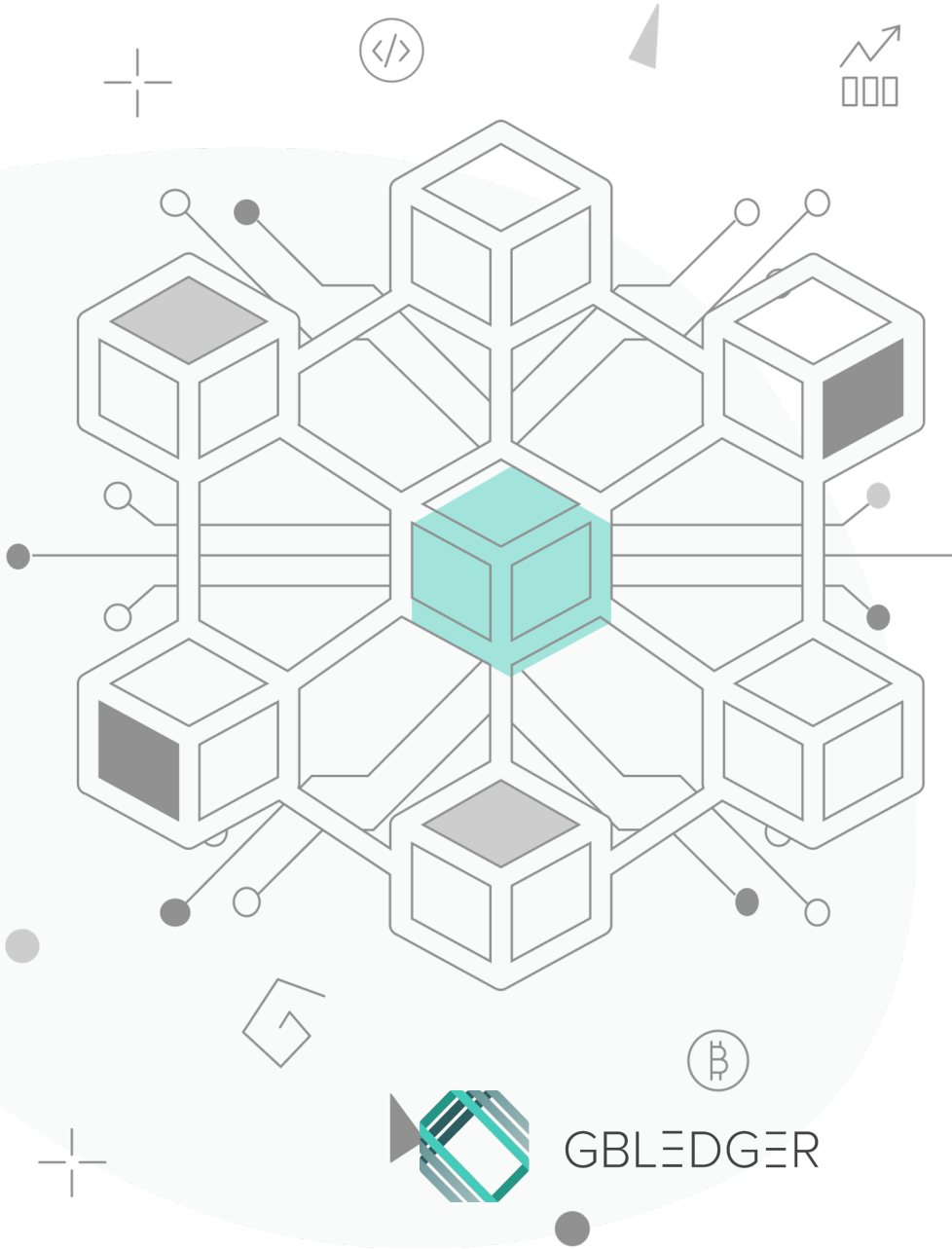


GBLEDGER

GBLedger platform opens great opportunities for creating transparent and tamper-proof systems.

Using the GBLedger platform will help you:

- Simplify financial operations with partners and customers
- Increase work transparency
- To enter new markets and use modern technologies



IslamicCoin

We are one of the key developers of the IslamicCoin blockchain project.

This is a blockchain ecosystem with its own token, operating on a fast and efficient Haqq blockchain.

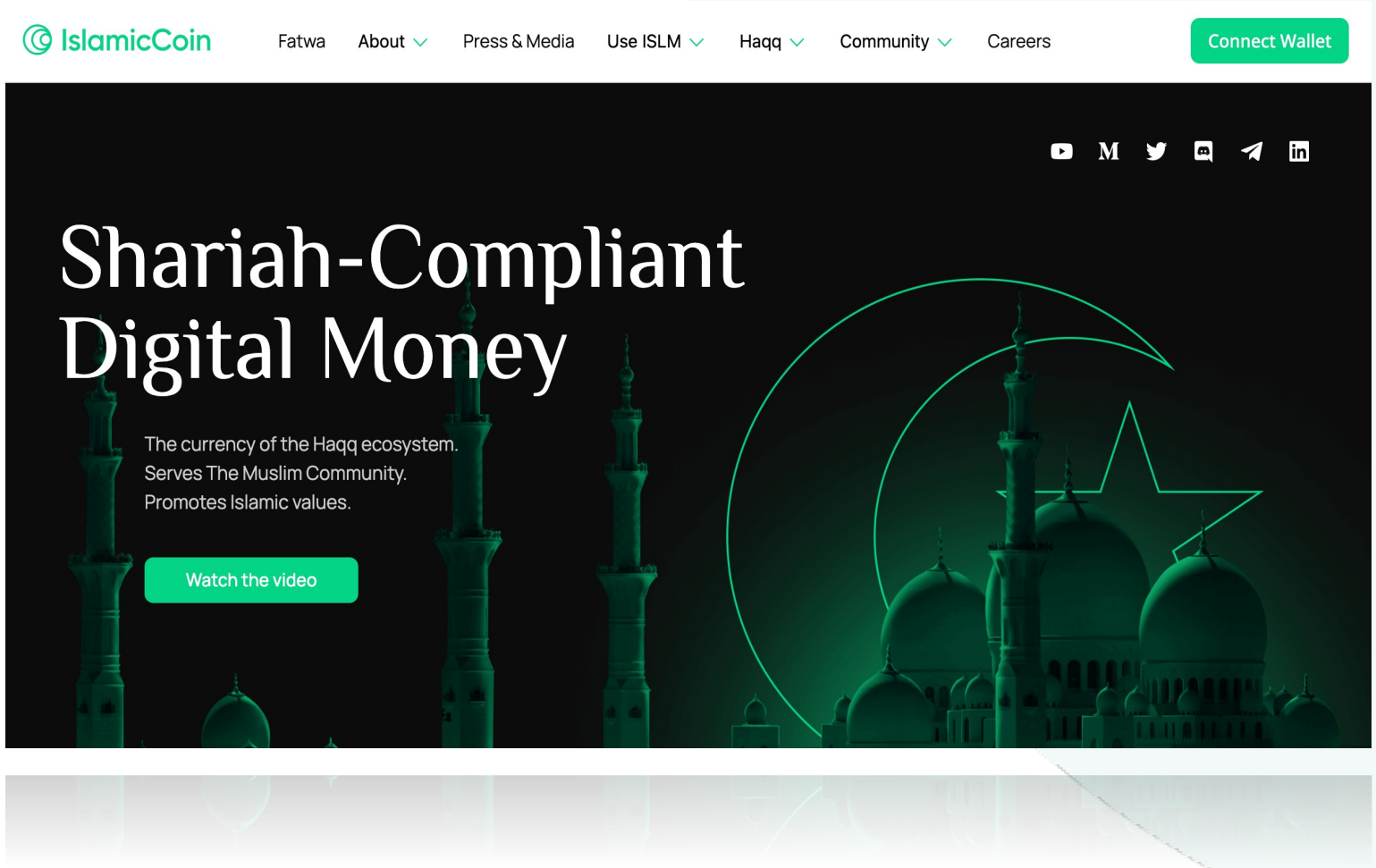
We participated on the early stages of concept's formation, economics and creating the project's White Paper.

IslamicCoin is fully complies with the principles of Islamic finance and has a Fatwa. The leaders of the Arab financial world with extensive experience participate in the project's work.

We have a huge stack of coins available for sale to investors.

islamiccoin.net

IslamicCoin



IslamicCoin

Blockchain project with its own digital token, providing the Muslim global community with reliable financial instrument for the digital age.

Project ensures unhindered transactions and interaction, supporting innovation and philanthropy.

GB Processing payment platform

GBProcessing is intended for the organization of payment acceptance for own services or services of third-party organizations using various payment instruments.

GB Processing platform scope:

- building a terminal network for accepting payments (cash register),
- connecting service providers,
- organizing online interaction of system' participants,
- monitoring and reporting.

The platform provides the following functions:

- acceptance of payment orders and selection of payment method,
- formation of payment links,
- receipt of payment status,
- integration with fiscal services,
- reporting on accepted payments.



РОССИЙСКАЯ ФЕДЕРАЦИЯ

СВИДЕТЕЛЬСТВО

о государственной регистрации программы для ЭВМ

№ 2022665213

Платежная платформа GBProcessing

Правообладатель: Общество с ограниченной ответственностью «Генезис Блок» (RU)

Авторы: Маликова Екатерина Николаевна (RU), Баландин Николай Владимирович (RU), Сапожников Владислав Викторович (RU)

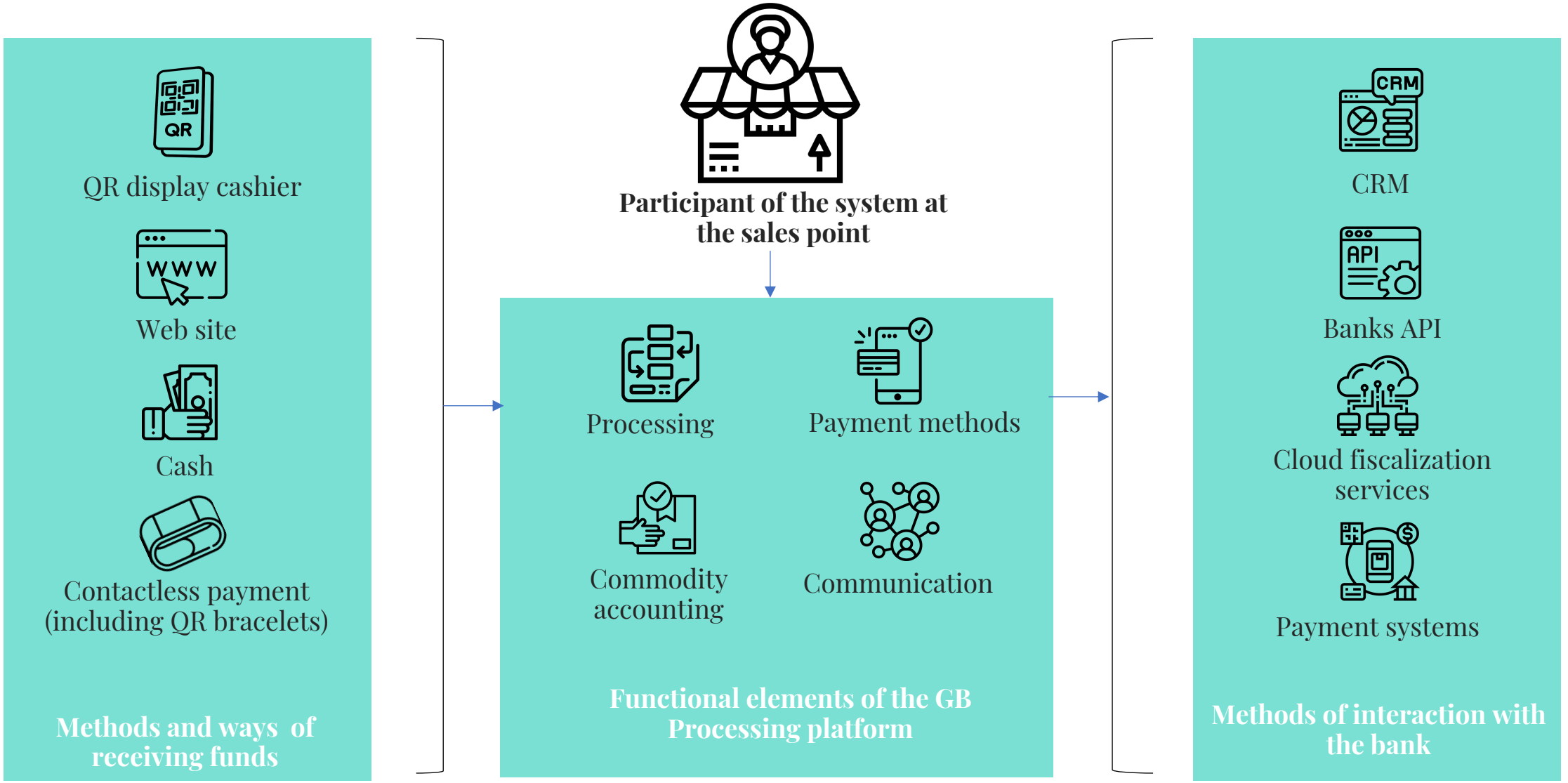
Заявка № 2022664854
Дата поступления 11 августа 2022 г.
Дата государственной регистрации в Реестре программ для ЭВМ 11 августа 2022 г.

Руководитель Федеральной службы по интеллектуальной собственности

Ю.С. Зубов

GENESIS BLOCK

GBProcessing platform' scheme of work and payments organization



Этапы формирования и оплаты заказа на платформе GBProcessing

1. Formation of a payment order at the sales point by a system participant

2. Creation of an invoice for payment, provided in the form of a generated QR-code on the device at the sales point of the system participant

3. Selection of the invoice payment method by the buyer from those offered by the system participant at the sales point

4. Making a payment and obtaining status of crediting funds in favor of the system participant



GENESIS BLOCK

QR-code display for accepting payments with the branding possibilities

Genesis Block’ QR-code display is designed to accept payments via local payment systems. It is installed next to the cash register and allows you to generate a QR-code with a display on the screen. The buyer reads it with the smartphone’s camera and pays for the purchase in a mobile bank using the GB processing system.

Memory: RAM 256K, FLASH: 1 MB
Processor: ARM Cortex A4
Display: TFT
Display size: 2.4"
Interfaces: USB, Bluetooth



Partners and participants of the GBProcessing payment platform

The partners of the system are credit organizations that carry out settlements between customers and system participants using the following payment methods: CASH IN, Local payment systems, OPEN API.



ТИНЬКОФФ

СБЕР

точка

банк для предпринимателей

ГРУППА ОТКРЫТИЕ

wallet one

Opportunities for housing and communal services provided by Genesis Block

Support that solves problems and answers question

- Three lines of working support
- 24/7 operation mode
- Two own call centers

Reports that fit your accounting department.

Reports take into account everything that is needed, and if something is missing, we will do it.

- Payouts are exactly when you need them
- If your business needs daily payments, you will receive them in Wallet One

Live Real-time Analytics

Mobile app for owners and directors of business

Opportunities for housing and communal services provided by Genesis Block

We can connect 120+ payment acceptance methods and increase purchase conversions up to 15%

- BANK CARDS
- CELL PHONE BALANCE
- ELECTRONIC MONEY
- CASH
- ONLINE BANKING

GENESIS BLOCK

Our projects



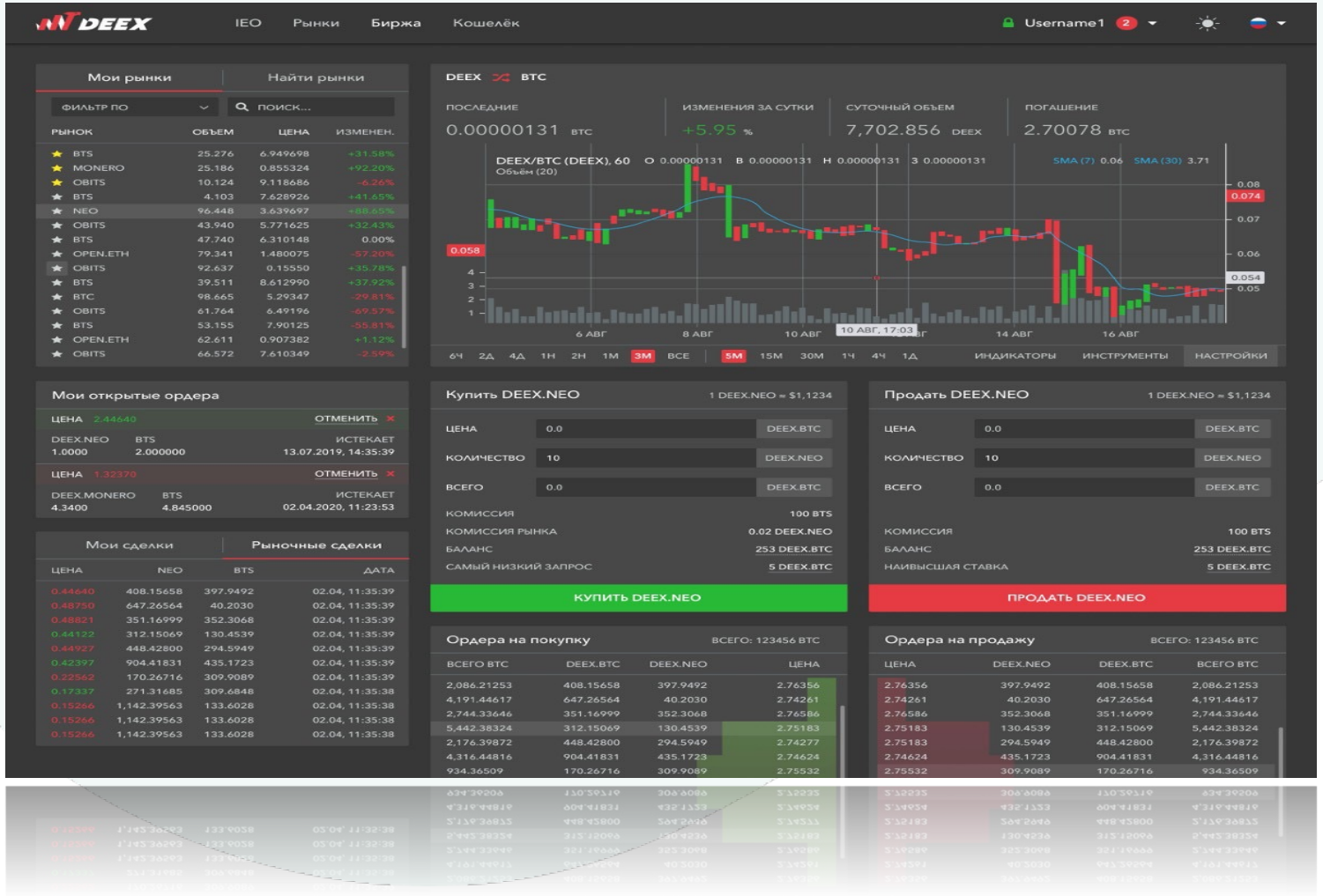
ELFPay

A unique service that provides the ability to use QR-codes and special terminals for accepting payments, simplifying and speeding up the process of accepting payments for retail outlets.

The payment magic made by ELFPay is available at:

https://elfpay.ru/

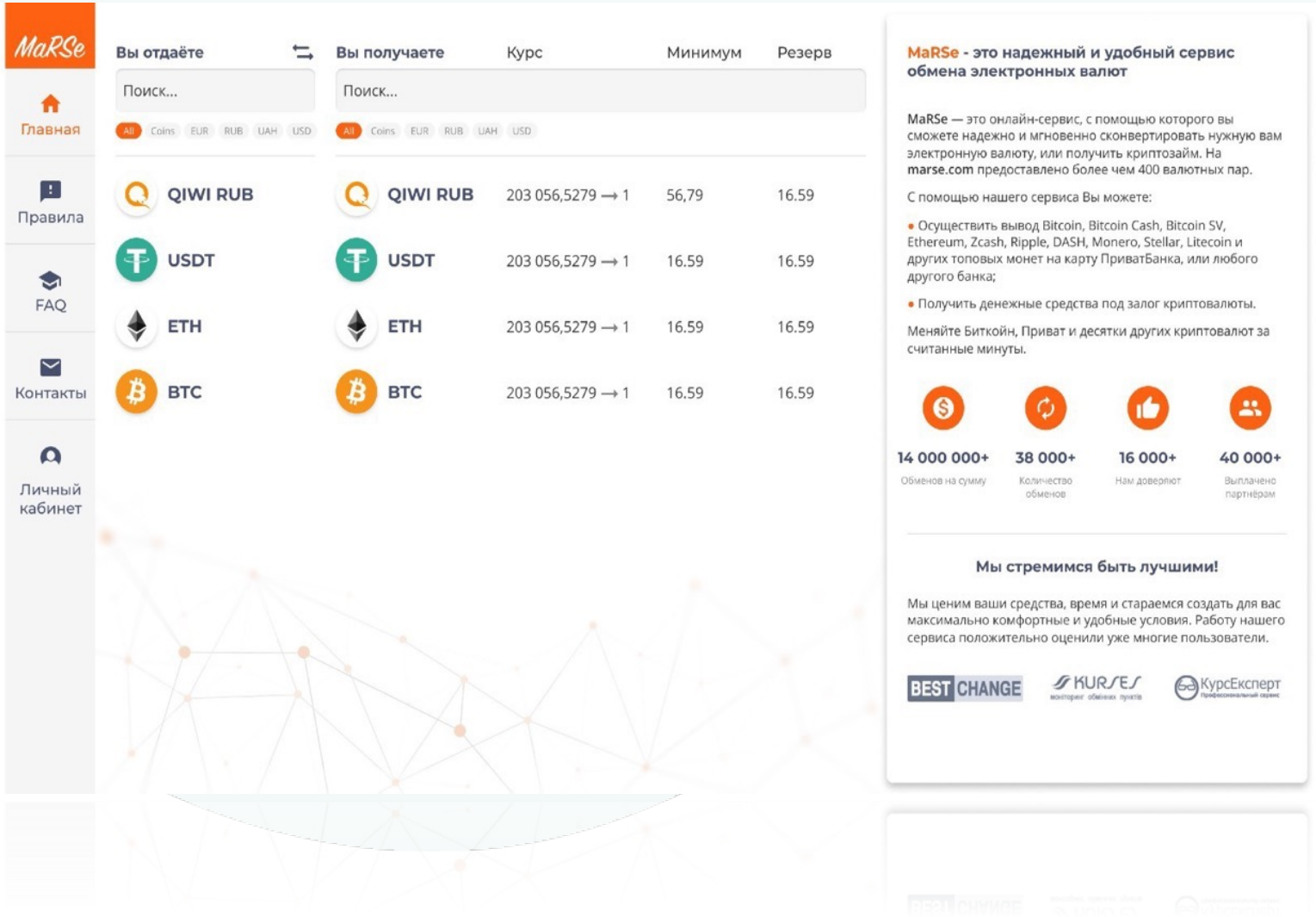
Our projects



DEEX Exchange

A fully decentralized crypto exchange with large trading opportunities. The latest blockchain solutions capable of working within a fully functional financial ecosystem were used in the development.

Our projects

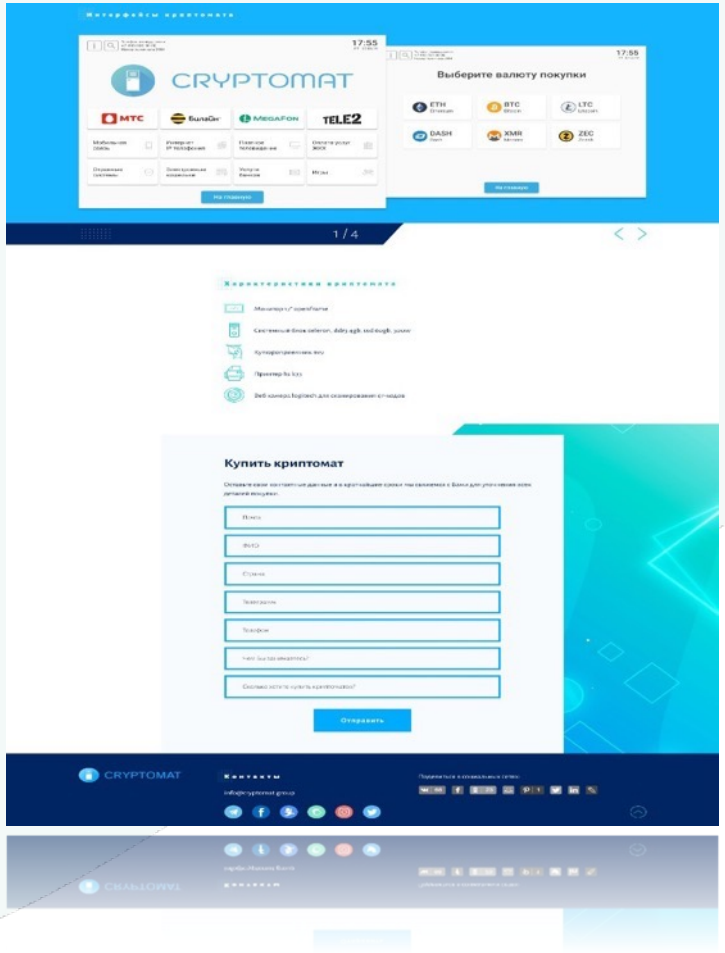


MarSe

Fast and convenient online service for digital currencies exchanging.

Our projects

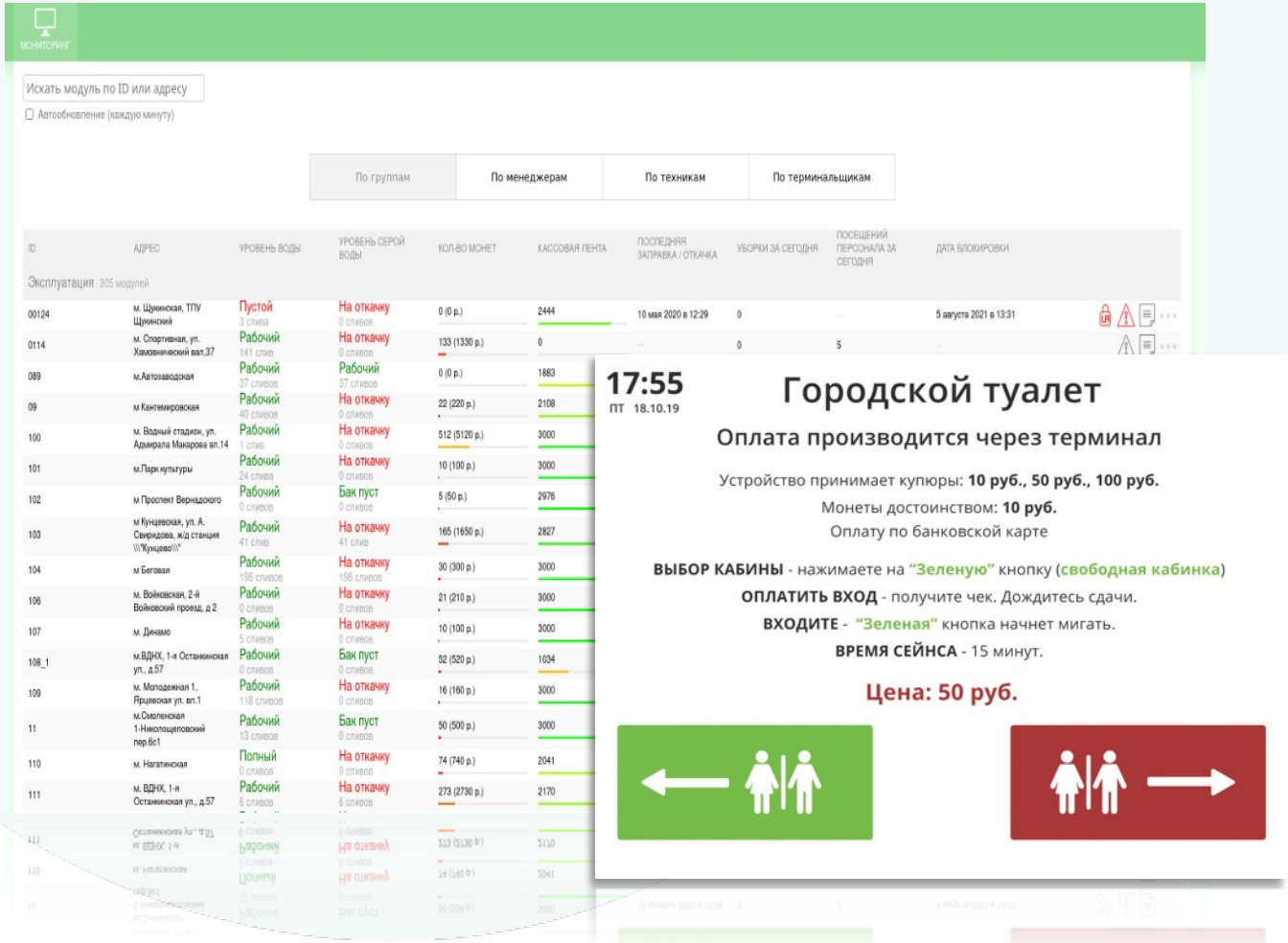




Cryptomat

A unique hardware and software complex that allows to implement and install self-service devices for the exchange of fiat and digital funds.

Our projects

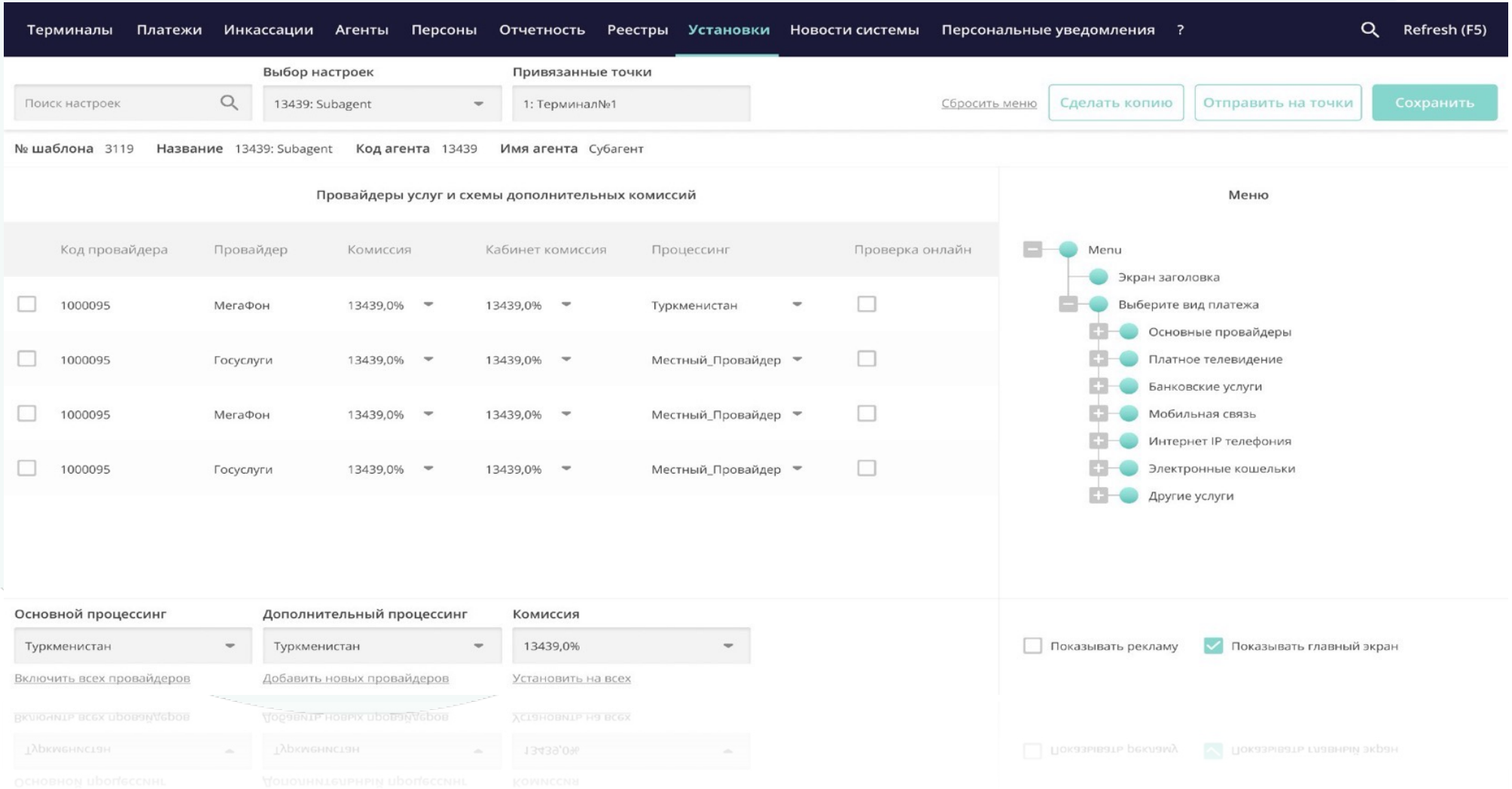


City toilets monitoring system

This original solution uses modern data processing and management technologies with peripheral equipment. These are paid toilet cabins standing in all cities of the world!
We have developed an intelligent control system for their equipment. Filling sensors, water sensors, temperature sensors, electronic lock control devices, as well as the interface of the information and payment terminal, which is used to pay for using the service, entering and exiting the toilet.

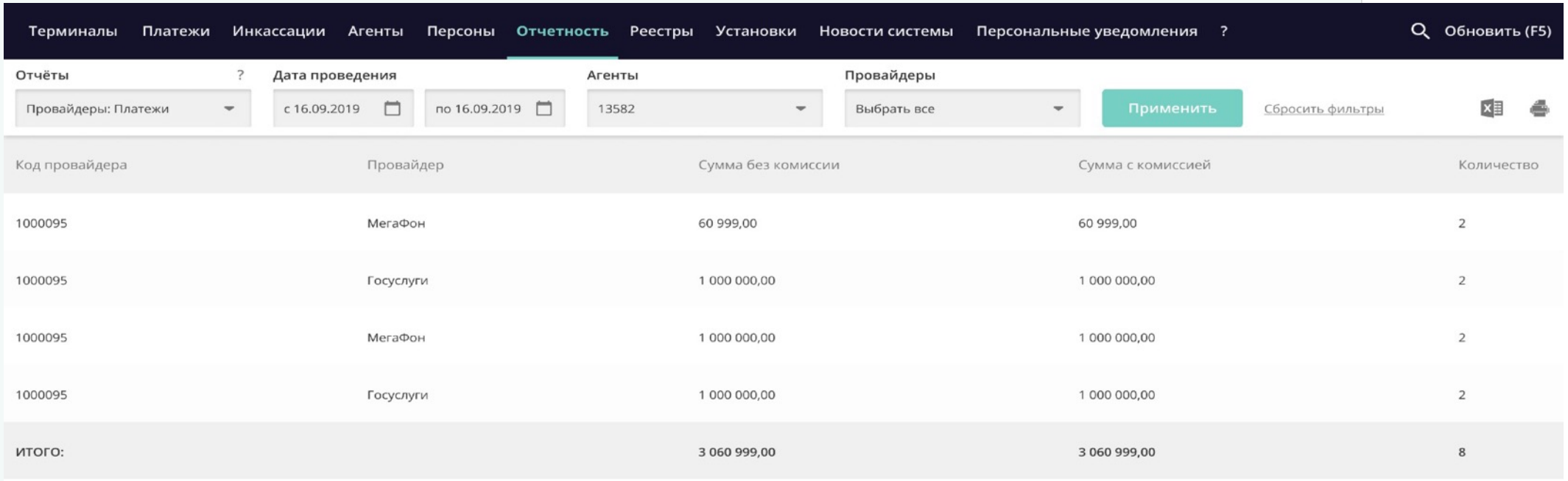
Our projects

Monitoring and management system for ATMs, payment terminals, information kiosks, cash registers



Our projects

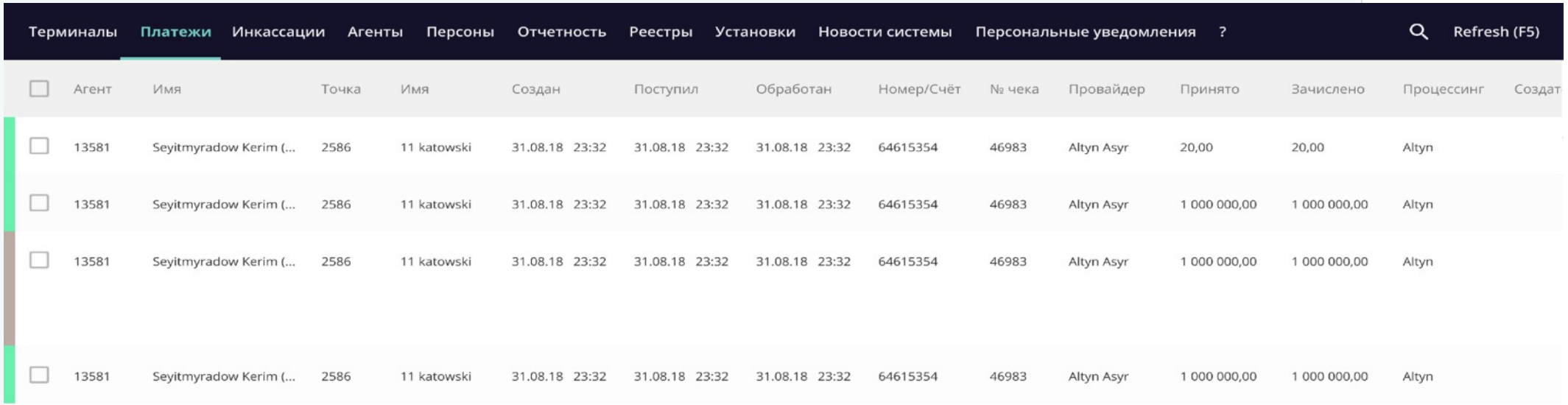
Monitoring and management system for ATMs, payment terminals, information kiosks, cash registers



Код провайдера	Провайдер	Сумма без комиссии	Сумма с комиссией	Количество
1000095	МегаФон	60 999,00	60 999,00	2
1000095	Госуслуги	1 000 000,00	1 000 000,00	2
1000095	МегаФон	1 000 000,00	1 000 000,00	2
1000095	Госуслуги	1 000 000,00	1 000 000,00	2
ИТОГО:		**3 060 999,00**	**3 060 999,00**	**8**

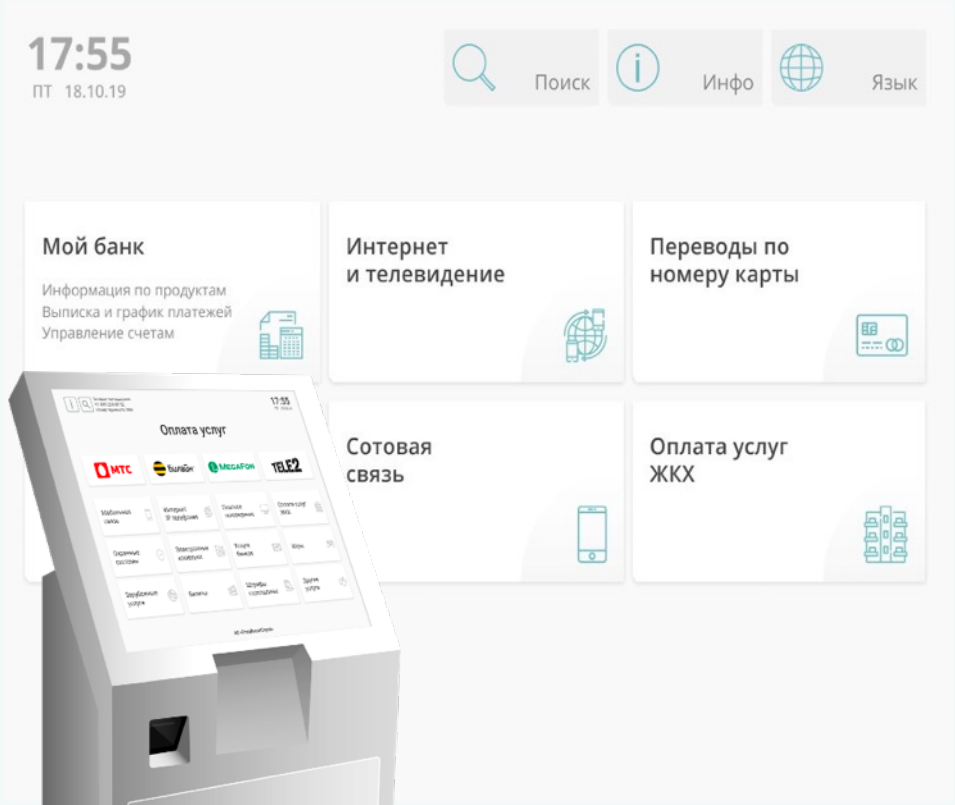
Our projects

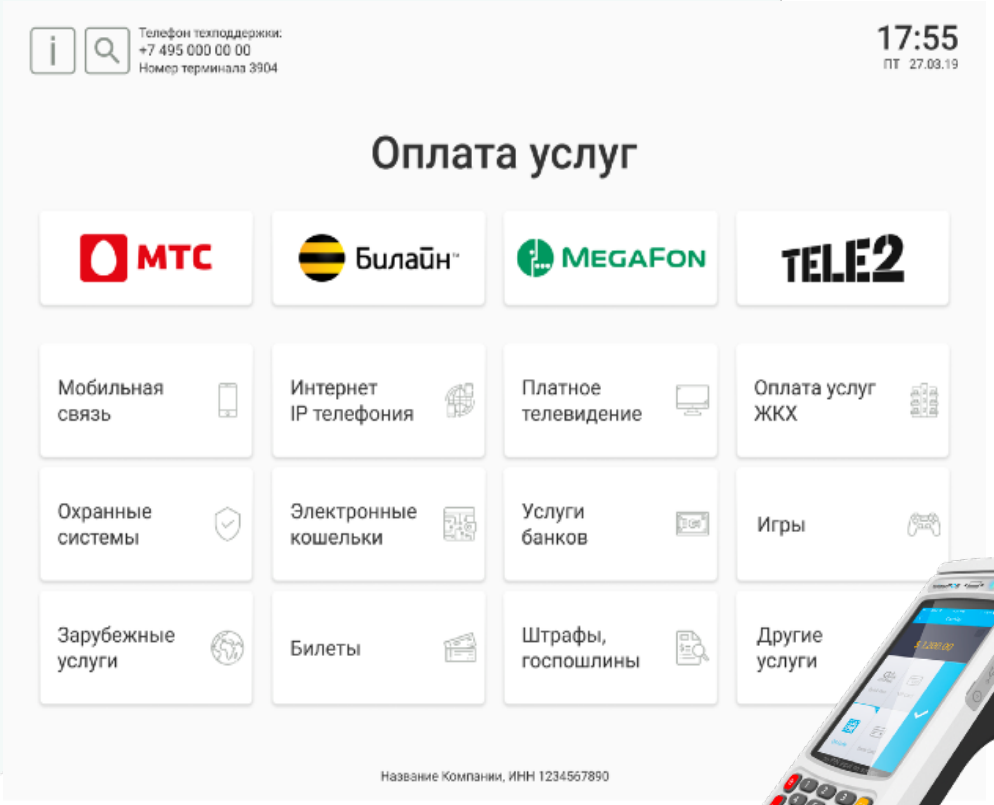
Monitoring and management system for ATMs, payment terminals, information kiosks, cash registers

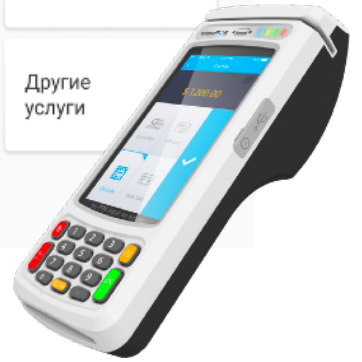


Our projects

Self-service devices



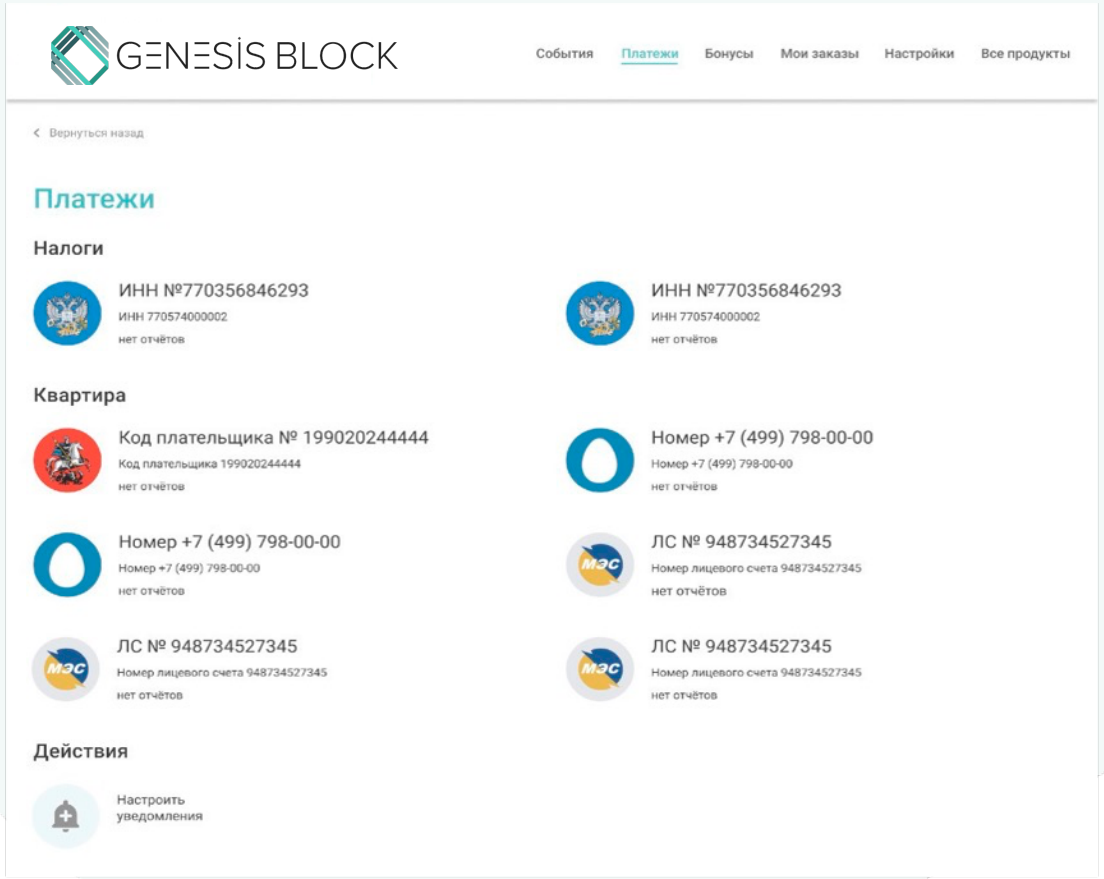


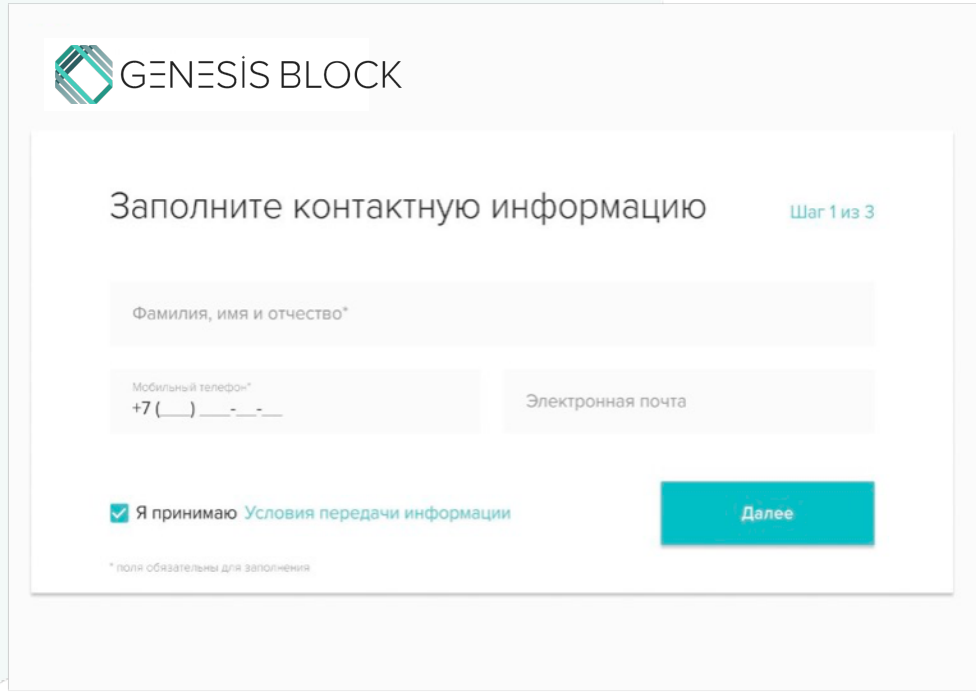


Individual interfaces, configuring scripts and functionality for a specific customer are also available

Our projects

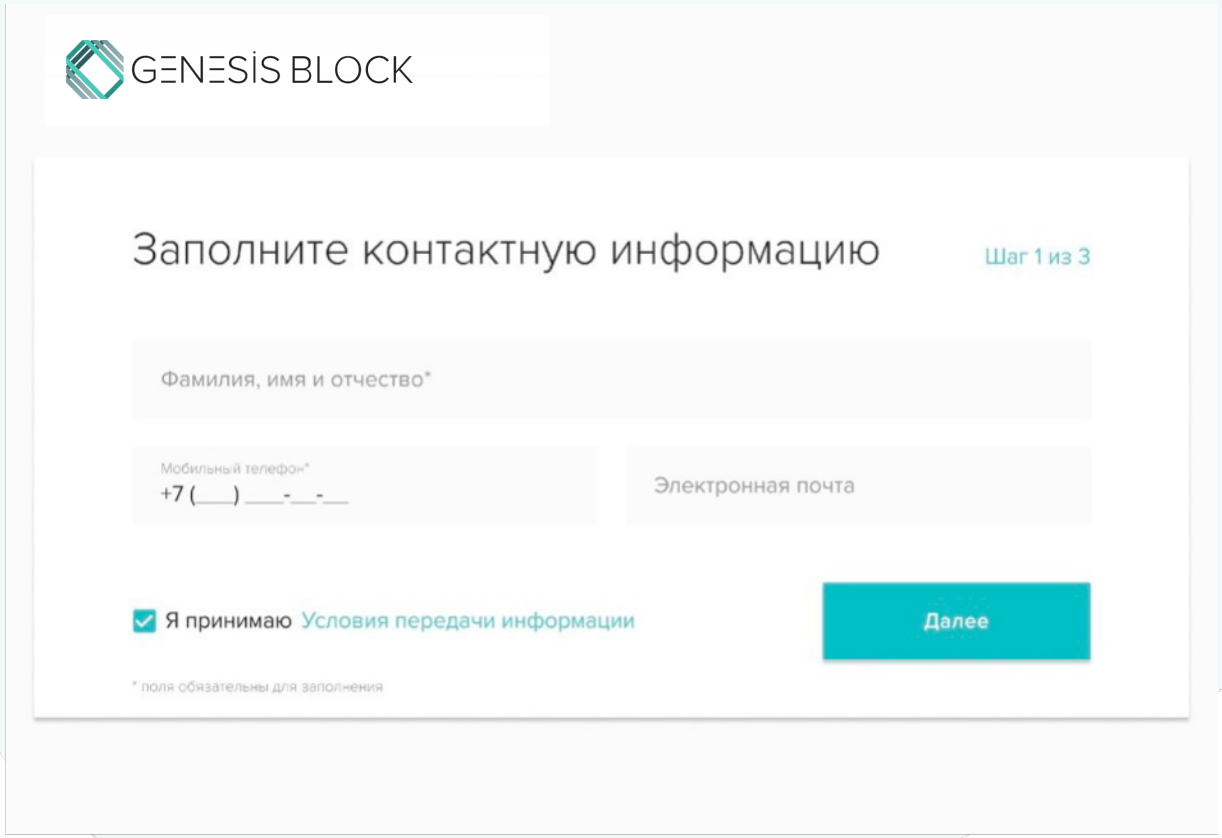
Invoices and recurring payments

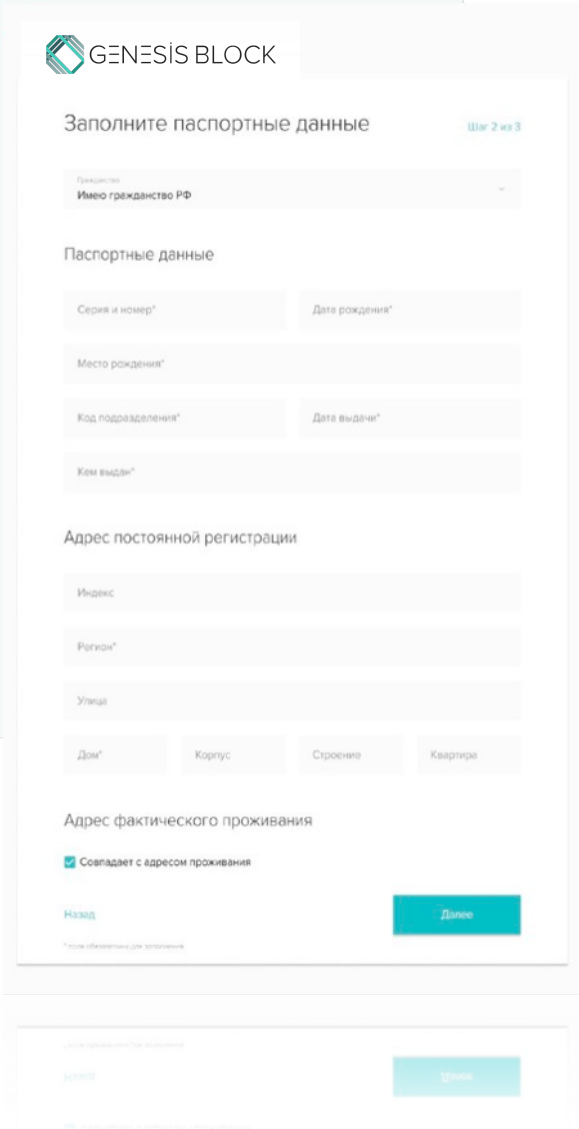




Our projects

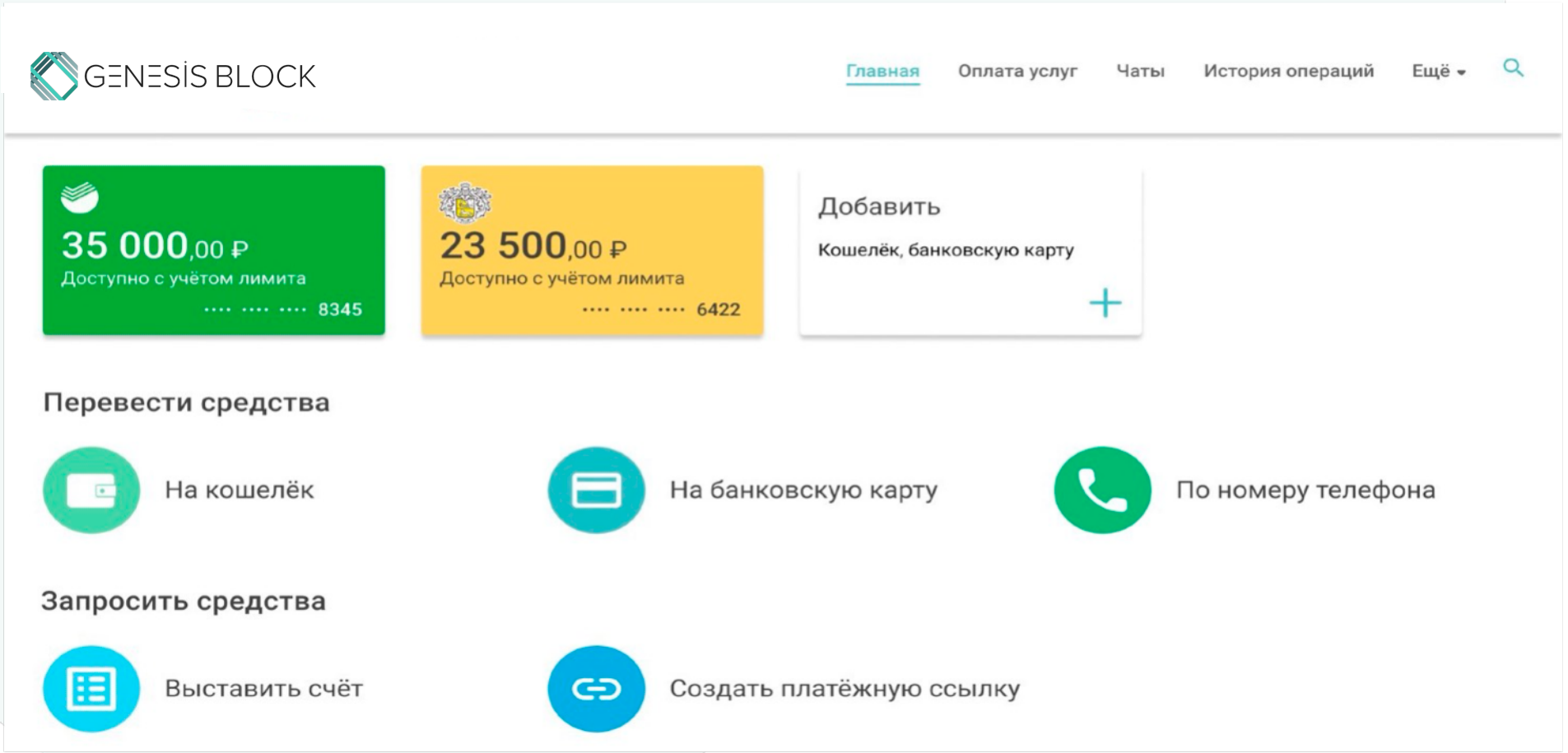
Payment portal interface





Our projects

E-wallets



Delivery options for GenesisBlock software solutions

Saas license which is a service model in which subscribers are provided with ready-made software that is fully serviced by the provider.

On-premise (on-prem) — subscription software distribution model for installation on the customer's servers.

WhiteLabel is a model in which the software is transferred to a partner and can be used as a unique branded product.

GENESIS BLOCK

IT challenge for your business

8 800 600 73 07

info@genesisblock.it

www.genesisblock.it