Preface

Reipex — a project to develop software and web applications on the basis of Blockchain technology, combined into a single ecosystem of Reipex for a comfortable and more productive use of Blockchain application.

The purpose of the Reipex ecosystem is to create a new era of Blockchain applications for safe communication and business in the social network Reipex Star, storage of data in the Reipex Cloud cloud storage, instant and commission-free transfer of funds in the Reipex Coin crypto currency. Security applications will provide its own developed technology Reipex ID basis, which is biometric protection with a three-level authentication of the individual.

We set ourselves a number of tasks:

**In the cryptocurrency Reipex Coin:**
- Eliminate fees for transactions.
- Increase transaction speed.
- Implement a new type of mining using data storage devices.
- Develop an API for connecting merchants.

**In the cloud storage Reipex Cloud:**
- Make distributed data storage.
- Provide for free a certain amount of cloud space.
- Expand the toolkit for corporate clients.
- Achieve the lowest price in the market.

**In the social network Reipex Star:**
- Ensure safe communication.
- Secure calls and video calls.
- Implement an advertising and trading platform.
- Implement a platform for dating and business.
- Implement a music and video platform.
- Add bonuses for active activities.

To implement the tasks set, certain resources are required, which we plan to collect in the ICO process. Our experience in the development of software and the introduction of Blockchain technology, as well as internal knowledge of the industries allow us to create a modern platform - an ecosystem that has no analogues.

One of the biggest advantages of Reipex is the implementation of the project by more than 30%. Developed and launched a beta version of the application of the ecosystem Reipex:
- Developed own Blockchain.
- The beta version of the Reipex Coin cryptocurrency has been developed and launched.
- The Beta version of the Reipex Cloud cloud storage was developed and started.
- Developed and launched a demo version of the social network Reipex Star.
This is how we change ICO rules because we are convinced that the fundraising for the further development of the project should be carried out after a partial implementation. Participating in our ICO Reipex, you will become part of a large ecosystem, which will include several of the largest IT industries in the world.
Introduction

In real life, being an attorney, an economist, an investor or a businessman, you communicate or conduct business with people on social networks, store important information in cloud data stores, make transactions or pay for goods and services through payment systems - all this is done by many people every day and at the moment there are a number of fundamental problems that impede progress in these areas, significantly reducing ease of use and security. How to solve these problems? Our team found the answer!

As early as 3.5 years ago we started studying Blockchain technologies and their capabilities, we plunged into revolutionary new technology with a head for studying and further implementation. This technology allows first of all to protect the interests of everyone, which allowed us to start a new era of applications based on Blockchain technology.

We chose the most demanded industries, each of which in 2016 reached a turnover of more than 100 billion and continue to grow. Today, the industry of crypto-currencies, cloud technologies, social networks have turned into multibillion-dollar businesses with unlimited prospects for development. Thanks to our introduction of Blockchain technology in these multi-billion dollar industries, market growth will increase several times in the coming years.
What is Reipex?

Reipex — is the world first application ecosystem, which consists of the most demanded applications based on Blockchain technology. Reipex is a fundamentally new platform, with a different business model based on process automation.

The introduction of smart contracts into the business logic and financial segment of the platform provides more efficient, safe and convenient interaction between users by combining applications into one Reipex ecosystem that will grow by introducing new technologies and applications.

Reipex application will be able to replace many other applications of different industries, including improved functionality, reliable protection and security, through the implementation of its own developed Reipex ID technology, the basis of which is biometric protection from a three-level identity authentication based on Blockchain technology.

Projecting Reipex, we are designing a powerful scalable platform aimed at simplifying our daily lives.
**Cryptocurrency Reipex Coin**

Reipex Coin — digital currency on the basis of Blockchain technology for instant, safe and remittance less transfers all over the world. Reipex Coin is part of the ecosystem of Reipex and is the main currency of the whole ecosystem, which allows you to purchase any service or product in all Reipex applications.

Reipex has developed a closed Blockchain to ensure the confidentiality of transactions and payments by the Reipex Coin crypto currency. Users will be able to view only the personal transaction history of Reipex Coin.

Mining of the cryptocurrency Reipex Coin is due to the allocation of memory by the miners, Proof-of-Memory (proof of allocated memory), to support the network and confirm transactions. The allocated memory is used in the Reipex ecosystem enclosure, the Reipex Cloud storage, to store information in the most secure and distributed form.

The value of the cryptocurrency Reipex Coin is reinforced:

- Payment of goods and services in all Reipex applications.
- Rewards for the active use of Reipex Star.
- Bulk use without commission and instant transactions.
- By the technology of data distribution, monetizing the memory of the miners network.

Over the next year, the demand for Reipex Coin cryptocurrency, on exchanges, can increase the price by a factor of 10, which will lead to an exponential increase in the cost.

**Industry of cryptocurrencies**

With the example of other multibillion and trillion industries, the cryptocurrency market is beginning to gain confidence and to grow rapidly in capitalization. Just a year ago, the capitalization of the cryptocurrency market was $15 billion, and now more than 150 billion - an increase of this industry by 10 times. Many cryptocurrencies have grown several times over the past year, having analyzed the statistics of the first Bitcoin cryptocurrency for 9 years, the growth is more than 10,000 times, which proves the prospects of this industry and the credibility of it.

The leading positions in the modern market of the industry are occupied by several well-known cryptocurrencies: Bitcoin, Ethereum and others. Detailed study of the work of these cryptocurrencies, you can clearly identify a number of problems.

**Problems of cryptocurrencies**

Many cryptocurrencies use obsolete technologies that hinder scaling and correct operation:

- Low transaction speed.
- Large commissions for transactions.
- Minimum transaction block size.
- Complicated, resource intensive mining process.
• Missing or not convenient API application.
• Complicated and inconvenient application interface.
• Without cross platform applications for all operating systems, web applications and mobile applications.

Solutions from Reipex Coin

The Reipex Coin cryptocurrency has been developed with the aim of correcting all key problems and introducing new opportunities and technologies into the crypto industry:

• Instant transactions in 1 second.
• Increased block size up to 10,000 transactions per second.
• Without commission transactions.
• A handy API application for connecting merchants.
• The process of mining is less resource intensive with the help of memory (HDD, SSD).
• A simple and user friendly application interface.
• Cross platform applications of mining and purse.

Comparison of Reipex Coin

<table>
<thead>
<tr>
<th>Cryptocurrency</th>
<th>Transaction speed</th>
<th>Transaction fees</th>
<th>Blockchain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bitcoin</td>
<td>from 10 minutes</td>
<td>from 0.5 - 5%</td>
<td>opened</td>
</tr>
<tr>
<td>Ethereum</td>
<td>from 1 minutes</td>
<td>from 0.1 – 2%</td>
<td>opened</td>
</tr>
<tr>
<td>Reipex Coin</td>
<td>instantly</td>
<td>0%</td>
<td>closed</td>
</tr>
</tbody>
</table>
Reipex Coin will be the beginning of a new era of the industry of cryptocurrency and payment systems — instant and without commissions transactions.
Cloud storage Reipex Cloud

Reipex Cloud — is a distributed cloud storage based on Blockchain technology for secure and anonymous data storage.

Cloud storage has a wide range of functions for personal and corporate use. Security of cloud storage is provided by Reipex ID own developed technology, which is biometric protection with three level authentication of the person.

Customers after registration in the Reipex ecosystem have the ability to store information absolutely free of charge up to 50 GB in the cloud storage Reipex Cloud. The further cost of renting the cloud space is 1TB = 1 USD, 20 times cheaper than the nearest competitors.

Industry of cloud technologies

The cloud market is more than 200 billion dollars and is growing rapidly. The growth of the industry is due to the daily increase in the volume and cost of data storage. Cloud storage is an alternative for companies that spend millions of dollars to support and develop their data centers. Also, more and more people began to use cloud storage to store and conveniently manipulate data from any device.

The leading positions in the modern market of the industry are occupied by several well-known cloud storages: Google Drive, Microsoft Azure, Dropbox and others. Detailed study of the work of known cloud storage, you can clearly identify a number of problems.

Problems of cloud storages

Many cloud storage facilities use an outdated model of centralized information storage, which allows hackers to access any data:

- Centralized storage of information.
- Low speed of information loading.
- Incomplete deletion of information from the database.
- Can not restore files.
- High cost of information storage.
- Missing or inconvenient API application.
- Complex or inconvenient application interface.
- Without cross platform applications.

Solutions of Reipex Cloud

Cloud storage Reipex Cloud is developed on the basis of Blockchain technology to fix all the key problems and the introduction of new opportunities and technologies in the cloud technology industry:

- Decentralized storage of information.
• High speed of information loading.
• Complete removal of information from servers.
• There is a possibility to restore files.
• Low cost of information storage.
• A handy API application for developers.
• A simple and user-friendly application interface.
• Cross platform applications.

## Comparison of Reipex Cloud

<table>
<thead>
<tr>
<th>Cloud Storage</th>
<th>Price for 1 TB per month</th>
<th>Anonymity</th>
<th>Decentralization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Google Drive</td>
<td>$20</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Microsoft Azure</td>
<td>$25</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Amazon S3</td>
<td>$25</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Reipex Cloud</td>
<td>$1</td>
<td>+</td>
<td>+</td>
</tr>
</tbody>
</table>
The technology of Reipex Cloud is based on distributed storage of data, which will make it possible to secure:

**The file to be uploaded** is divided according to the size, each part is not larger than 1 MB (100 MB file is divided into 100 parts) > Smart Contract is created with the recording of the file parts distribution on the nodes > Smart Contract is saved in the Blockchain > Distributed parts are encrypted using SHA256 > Encrypted parts distributed between the nodes specified in the Smart Contract.

**The downloaded file** is collected from all the nodes (miners) specified in the Smart Contract > All the parts of the file are decrypted using the users private key > The decrypted parts are combined and the download process starts.

Reipex Cloud will be the start of a new era of cloud computing industries — decentralized data.
Social network Reipex Star

Reipex Star — is a decentralized social network based on Blockchain technology for secure communication and business management, thanks to its proprietary Reipex ID technology, the basis of which is biometric protection from a three-level authentication of the individual.

Social network Reipex Star has a wide functionality with an embedded platform for dating and business, advertising and trading platform.

Industry of social networks

Social networks have played an important role in the life of modern man for many years. They are also used as a tool to promote and conduct business, communication and dating. About 2 billion people use social networks, and with each month, these indicators are growing. The most popular and visited social network is Facebook with a billion registrations and 1.712 billion active users a month. Increases the number of users and Instagram - they are already more than half a billion. Also this social network constantly improves its business opportunities. VK and Telegram have 100 million active users every month.

The leading positions in the modern market of the industry are occupied by several well-known social networks: Facebook, Instagram, VK, Twitter and others. Detailed study of the work of well-known social networks, you can clearly identify a number of problems.

Problems of social networks

Many social networks use an outdated model of centralization, which allows hackers to access any user account:

- Centralized storage of accounts.
- Centralized storage of the history of messages.
- Without biometric authentication of the user.
- Lack of secure calls and video calls.
- Lack of business tools.
- Absence of monetization for activity in social networks.
- Lack of music and video platform.
- Absence of platform for acquaintances and business.
- Lack of a trading and advertising platform.
- High cost of advertising.
- Missing or inconvenient API application.
- Complex or inconvenient application interface.
- Without cross platform application.
Solutions of Reipex Star

The Reipex Star social network is developed on the basis of Blockchain technology to correct all key problems and introduce new opportunities and technologies into the social networking industry:

• Decentralized storage of accounts.
• Biometric Account Security.
• Secure communication and live broadcasts.
• Secure calls and video calls, chats and video chats.
• Decentralized music and video platform.
• A wide range of business tools.
• Monetize activity on social networks.
• Integrated music and video platform.
• Integrated platform for dating and business.
• Integrated trading and advertising platform.
• Low cost of an advertising company.
• A handy API application for developers.
• A simple and user friendly application interface.
• Cross platform application.

Music platform — is a decentralized music marketplace that allows:
• Adding and listening to music.
• Registration and sale of copyrights.
• Monetization of listening to author’s music.
• Increasing the popularity of the author and his works.

Video platform — decentralized video marketplace, which allows:
• Adding and viewing videos.
• Registration and sale of copyrights.
• Monetize authoring videos.
• Author’s fees for access to video advertisers.

Dating platform will be integrated into Reipex Star for dating and communication:
• Search for people or groups of people by rating, geolocation and preferences.
• Private and public chats.
• Live broadcasts.
• Free and private video chats.
• Web cam chats and earnings for web models.

Platform for Business will be integrated into Reipex Star for business development and development:
• Search for employees or partners in qualification, rating and geolocation.
• Working chats, video chats and webinar rooms.
• Creating tests to test knowledge and experience.

Advertising platform will be integrated into Reipex Star to promote products and services:
• Advertising in the news by the target audience.
• Pop-up advertising by target audience.
• Advertising in communities by target audience.
• Advertising in video on the target audience.
• Ad blocking in settings.

Trading platform will be integrated into Reipex Star for the sale of goods:
• Free and unlimited products.
• Raising the product ahead of all sales.
• Fastening the goods to the top sales.
• Chat and video chat with the seller or buyer.

Monetize Activity — remuneration for active actions in the social network:
• Daily visit to Reipex Star.
• Interest of the audience to the post.
• View author videos.

**Comparison of Reipex Star**

<table>
<thead>
<tr>
<th>Social Network</th>
<th>Music platform</th>
<th>Video platform</th>
<th>Dating platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facebook</td>
<td>—</td>
<td>+</td>
<td>—</td>
</tr>
<tr>
<td>Instagram</td>
<td>—</td>
<td>—</td>
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<tr>
<td>Twitter</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Vkontakte</td>
<td>+</td>
<td>+</td>
<td>—</td>
</tr>
<tr>
<td>Reipex Star</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Network</th>
<th>Business Platform</th>
<th>Advertising platform</th>
<th>Trading platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facebook</td>
<td>—</td>
<td>1000 impressions / 1$</td>
<td>—</td>
</tr>
<tr>
<td>Instagram</td>
<td>—</td>
<td>1000 impressions / 3$</td>
<td>—</td>
</tr>
<tr>
<td>Twitter</td>
<td>—</td>
<td>1000 impressions / 4$</td>
<td>—</td>
</tr>
<tr>
<td>Vkontakte</td>
<td>—</td>
<td>1000 impressions / 3$</td>
<td>+</td>
</tr>
<tr>
<td>Reipex Star</td>
<td>+</td>
<td>1000 impressions / 0.1$</td>
<td>+</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Network</th>
<th>Monetize Activity</th>
<th>Decentralization</th>
<th>Biometric protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facebook</td>
<td>—</td>
<td>—</td>
<td>—</td>
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<td>Reipex Star</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
</tbody>
</table>
Reipex Star will be the beginning of a new era of social networking industry — decentralized communication and doing business.
Technology of Reipex ID

Ecosystem Reipex will be provided with proven solutions and technologies of the own development of the Reipex team for automation and security of user processes.

Reipex ID — is a biometric protection technology with a three-level identity authentication to ensure the security of accounts in the Reipex ecosystem. RID is designed to make it easier for companies and individuals to store and access encrypted personal and corporate data in a decentralized repository and ecosystem. In the future, these data will be used to expand the scope of Reipex services and develop the ecosystem in the most open and safe format.

Three level authentication of the person consists of protecting the fingerprint, face geometry and retina. Reipex ID inherits the experience of proven and well-deserved identification systems. To create RID, such technologies will be used:

SSL Encryption
Using the technology of SSL-encryption in RID, it is possible to synchronize information with the Blockchain where personal information and biometric samples of users are stored, which guarantees the user's authentication on a trusted site or in an application using the Reipex ID technology.

Biometrics
To ensure the authenticity of the user account, in all applications of the Reipex ecosystem or trusted organizations using RID, biometric protection with three level authentication is used which includes: fingerprint, retina, facial geometry.

Blockchain
Given the fundamental importance of information security, the data must be stored in a reliable and highly secure environment, while allowing individual access and exchange of information in the ecosystem of Reipex, our customers. For this purpose we will use Blockchain technology. Among other possibilities, our blockbuster offers the organization of multi-level access to data on demand through SSL certificates. Institutions and organizations that need a safe and trusted information environment, including: financial, medical and government institutions. Access to data within this environment will be provided with the permission of the user.

Smart-contract
Reipex ID technology uses Smart-contract technology to ensure the security of the Blockchain of all conditions for the possible use of multilevel user access to implement RID technology in applications of the Reipex ecosystem and other organizations.

Open API
Reipex ID is a biometric protection technology with three-time authentication, which allows to secure the authenticity of the user account. To connect RID technology in applications of the Reipex ecosystem or the possibility of integration into other organizations, an API application was developed.
Large data
Reipex ID is designed to collect and store a large number of information that will provide businesses and individuals with access to the highest quality services and extensive information about the market. Information can be collected anonymously by trusted organizations for processing and offering to businesses in accordance with their needs. The same data can be used to create new products, in demand in various aspects of human life. Reipex ID stores personal data and similar analysis will be carried out in strict accordance with confidentiality rules.

Technology of work
Reipex ID Combine SSL certificates, flashcards and widely used authorization technology OAuth2.

The order of registration at the moment is as follows:
1. The user creates an infographic card with personal information (name, address, contacts) and sends it to the repository;
2. The user creates an SSL certificate that includes data from infoparks, sends data to the vault, and adds the *.p12 file to the browser;
3. The user is authorized on the Reipex ID website using a certificate. In addition, the user can use the ID-card to authorize either a bank or state site. If the data cards correspond to data from other sources, the user is deemed to be confirmed. In other cases, the info card is certified by the moderator. In this way, a user certificate is linked to the user's authentic data;
4. Embed Reipex ID on sites of banks, stock exchanges, sellers, etc. The standard OAuth2 protocol.
Roadmap

The creation of the Reipex ecosystem includes many different aspects, including the introduction and development of technologies.

Below you can find a step-by-step plan that covers the main levels of our activity based on the results of the ICO. Each level of ICO is conceived as the basis for the next one, and will be implemented taking into account the market reaction to our ideas.

The main, although not the only, articles for spending funds received at the ICO will be the development of application Blockchain, team building, marketing and introduction into society.

In each next stage of the development plan Reipex — more solutions for Reipex users. The Reipex ID solution will occupy a key role in the core of the Reipex platform providing biometric protection for users.
Structure ICO

The Reipex project collects funds for launching and developing an ecosystem of application blockages: cryptocurrencies, cloud storage and a social network based on Blockchain technology. To this end, the Reipex project did preliminary mining of the cryptocurrency Reipex Coin (RPX). The Reipex project will ensure the storage and disposal of collected funds as required.

**Name of the cryptocurrency:** cryptocurrency RPX. Cryptocurrency Reipex Coin grants the right to a discount of all services in the Reipex ecosystem at a rate of 20%. Cryptocurrency will be distributed in proportion to the amount contributed by investors during the ICO.

**Amount cryptocurrency:** 900 000 000 RPX was previously produced for ICO. Access to the application for the cryptocurrency of Reipex Coin will be opened on July 1, 2018 after the release of the cryptocurrency for external exchanges, which guarantees the demand and the value of the cryptocurrency during the ICO and when entering the external exchange.

**Starting course:** The cost of one coin is set at 0.1 USD per 1 RPX.

**Distribution of cryptocurrency:**

- Preliminary stage ICO: 1.7%;
- 1 stage ICO: 11.2%;
- 2 stage ICO: 83.3%;
- Bounty campaign: 3.8%.


- 1st week: + 200% of bonus cryptocurrency;
- 2nd week: +190% of bonus cryptocurrency;
- 3rd week: +180% of bonus cryptocurrency;
- 4th week: +170% of bonus cryptocurrency;

**Bonuses at the 1st stage ICO (01.03.2018 – 31.03.2018):**

- 1st week: +100% of bonus cryptocurrency;
- 2nd week: +90% of bonus cryptocurrency;
- 3rd week: +80% of bonus cryptocurrency;
- 4th week: +70% of bonus cryptocurrency.

**Bonuses at the 2nd stage ICO (01.06.2018 – 30.06.2018):**

- 1st week: +50% of bonus cryptocurrency;
- 2nd week: +40% of bonus cryptocurrency;
- 3rd week: +30% of bonus cryptocurrency;
- 4th week: +20% of bonus cryptocurrency.

**Bounty campaign (throughout the ICO):**

- Campaign «Facebook»: 20% of the total remuneration;
• Campaign «Twitter»: 20% of the total remuneration;
• Campaign «Vkontakte»: 15% of the total remuneration;
• Campaign «Telegram»: 5% of the total remuneration;
• Campaign «Blogger»: 30% of the total remuneration;
• Campaign «Partner»: 10% of the total remuneration.

Compensation for the Bounty campaign is made after each completed stage of the ICO. The cryptocurrency Reipex Coin is credited to the purses indicated in the personal cabinet of the Reipex ecosystem in the "Bounty" tab.

**Maximum investment:** for the amount of USD 55,500,000 can be bought by Reipex Coin by investors for the entire time of ICO Reipex.

**Distribution of investments:**
• Product development: 45%;
• Marketing and advertising: 35%;
• Team and partners: 10%;
• Office and general business expenses: 5%;
• Sales and Business Analytics: 5%.

**Special bonus:** Charged at a rate of 30% after 120 days, subject to the balance of at least 50% of the purchased Reipex Coin cryptocurrency during the ICO.
Command

Andrey Rudenko — Founder & CEO (Chief Executive Officer).
Artem Karpov — Founder & CCO (Chief Commercial Officer).
Tagir Abdusalamov — Founder & CFO (Chief Financial Officer).
Rustam Vahabov — CSO (Chief Security Officer).

Maksim Shlykov — CBDO (Chief Business Department Officer).
Vladyslav Babych — CMO (Chief Marketing Officer).
Alexander Dorubets — Java Developer & Backend Developer.
Konstantin Berdar — IOS Swift Developer.
Alexander Barbarsky — SEO Developer.
Conclusion

Reipex — ecosystem of security applications, which will be provided by Reipex ID’s own developed technology, which is the biometric protection from the three level authentication of the individual.

Reipex includes the most popular applications of daily use and will grow by introducing new technologies and applications into the ecosystem of Blockchain application spanning more and more industries.

For the development, ecosystem and each application of Reipex, one of the most popular and popular object-oriented programming languages JAVA was used, which made it possible to make applications cross platform and integrate into the ecosystem due to a unified approach to development.

Reipex is not just an idea, but a project with a partial implementation of more than 30%. ICO is designed to create demand and expand the Reipex community for the rapid growth of the value of Reipex Coin currency — instant and commissionless transactions.

Join the community and become part of the ecosystem of Reipex - the ecosystem of Blockchain applications!