# denet

Storage. Hosting. Computing.

**Media Kit**

## DeNet Overview

DeNet, Hong Kong-based Company with a development back-office in Kazan (Russia), is international provider company that is developing decentralized hosting service and a marketplace platform for data storage, based on blockchain technology. DeNet is targeting to build a new decentralized network for providing and leasing IT capacities for hosting, storing and processing data all over the world. DeNet aspires to become an 'on-demand' infrastructure decentralized platform which is secure, cheap and high-quality.

Nowadays users prefer using more and more cloud solutions as opposed to traditional centers of data processing. Thus, in 2012 39% of works was loaded in cloud storages, and 61% was performed in traditional data processing centers. In 2017 the situation was changed – 63% of work tasks were handled in cloud data storages, while only 37% - within the framework of their conventional counterparts. However, the existing cloud solutions market has significant disadvantages which can be solved by DeNet Company:

## Problems and solutions

- A huge number of existing computing power is not used and stands idly (4 billion personal computers and 90% of them have free capacities for renting). DeNet is going to unite idly standing computing spare power from all over the world for file storage and web hosting, along with computing calculation.

- Users' and companies' data is being confiscated in many ways and is frequently used against their interest. DeNet network will be using a maximum amount of instruments to provide security and privacy of user data. This category includes encrypting, VPN and other technologies.

- Many countries, China, for instance, are censoring the Internet moderating access to various services, which limits communities from different jurisdictions to access the information. DeNet is a distributed network where the owners of the information are the users themselves. DeNet counts on providing equal rights to all our participants and help them create services that are not limited by national borders.

## DeNet advantages

In comparison with traditional centralized hosting or cloud solutions, the product has the following significant advantages:

- The cost of hosting in our system is several times cheaper in comparison with centralized solutions.

- The hosting is reliable and secure, and data if firmly protected from government interference and unauthorized access by the hosting provider.

- DeNet network is protected from hacker attacks and the malicious performance of capacity providers. In view of this, the reputation model, bonuses fund, security deposits and other functions that stimulate the server to provide services of the highest quality were integrated into the system, and in case of failure to perform, the funds are returned and the reputation may be lost.

- High ping and other delays due to poor connection are unacceptable in the web hosting industry, that's why DeNet network has developed at the maximum a connection mode through VPN and sub–VPN servers.

- To work with a website using Denet hosting the only thing necessary is a web browser (Google Chrome, Firefox etc.), there is no need to download any extra apps to your device.

- DeNet is popularizing careful attitude to the resources of the planet by using energy-saving technologies. There is no need for centralized data-centers in DeNet network, as users can be "network nodes" themselves. This will help to reduce enormous energy consumption of traditional data-centers.

- Users can provide free capacities of their computing power & bandwidth to host sites on the DeNet network, thereby generating passive income from capacities rental. Thus, corporate and private clients have an opportunity to monetize their unload equipment.

## Roadmap

Now DeNet's product is an operating minimum viable product (MVP) that already allows a user to rent capacities for web-hosting or data-storage from an independent provider, and the owner of equipment to monetize it.

DeNet aspires to build a fully decentralized network based on statistics from a semi-centralized model. DeNet aspires to become an 'on-demand' infrastructure decentralized platform for web-hosting, which is secure, cheap and of high–quality. Platform will be available for both regular users and companies. DeNet sees its goal as building a decentralized hosting network for yet centralized protocol Internet.

## Q & A

1. What is different about DeNet as against competitors?

   The analogues mostly provide mainly only data storage without the ability to host websites or perform any active tasks, such as launching applications. At the moment there is no working decentralized network for hosting where there are possibilities for low server rental cost, protection from transferring information to the third parties, security and availability on demand and others will be fully implemented. The main difference of DeNet is that its model is bringing all these features together and provides users with fully decentralized infrastructure platform.

2. How profitable is it to host with DeNet?

   Hosting with DeNet will cost only a fraction of what the traditional services take. By the time DeNet attains an entire network of virtually unlimited resources, it will be able to cut technical, maintenance and transactional costs to a significant degree. Apart from above, DeNet proposes payment only for used facilities, which means that client will never overpay for idle capacities as it is done in traditional cloud services.

3. Why does Denet store data more securely than a regular data center?

   All the information uploaded to DeNet is not just encrypted but is stored across many different devices. Moreover, in P2P network there is no single centralized data center between the nodes, which means that only you will ever have access to your own files and only you will be able to open them.

4. Will the speed be as fast as it is provided by the traditional hosting services?

   The more processing power the network accumulates the higher the work speed will be. We use VPN nodes to reduce the latency. We expect that the speed will be as fast as the centralized services provide.

5. Why do we use Blockchain-based payment platform?

   The computing powers owner gets the opportunity to monetize them within the framework of a transparent and reliable scheme provided by blocking technology and the settlement system based on the DNET token. Also this is an opportunity to register tasks and execution of tasks using smart contracts + token distribution from hoster to nodes and provides tracing of DeNet Reputation (DRS) token nodes

| Team | 19 members and 9 advisers from Russia, USA, South Korea, Switzerland, Ireland and Canada | | | |
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## Contact Info

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