The global target.

Do you want to know how to create a new decentralized supercomputer computing power which increases the natural way without additional financial investments?

The global target of our project - to create a new decentralized supercomputer with minimal investment.

Current supercomputers today are characterized not only by the maximum productivity, but the maximum size of RAM and disk storages.

Ensuring technical productivity is very expensive. For example the creation and upgrade of supercomputer “Lomonosov” for Lomonosov Moscow State University costs about 1,67 billions rubles (about 52 188 000 USD dollars, 2009 year).

Another thing - decentralized supercomputer. The idea of MPP (Massively Parallel Processing) is pretty simple. To achieve this purpose regular microprocessors are used which are connected with each other with communication environment.

Now imagine, that we won't have to need investing to the hardware (purchase equipment, operating costs).

The concept of “Volt” supercomputer is developed so that all the costs are passing on “Voltcoin” cryptocurrency miners.

Some facts about power computing of supercomputers. The peak productivity of “Lomonosov” supercomputer for example

amount to 1,7 petaflops. “Intel” corporation plans to create supercomputer with performance 4 exaflops by 2020 year. The total computing power of the “Bitcoin” network according to 2013 was 64 exaflops and exceeded the capacity of all the supercomputers in the World combined.

The concept of “Voltcoin” cryptocurrency.

Mining of “Voltcoin” will be produced by using the original software and it efficiency will depend on the productive capacity which can provide the user's computer.

The main difference and uniqueness of original software for “Voltcoin” mining is that it can be divided into two logical parts .

In the source code of the program should be marked that both parts are independent of each other. But disabling one of the parts leads to the termination of the entire program. Also It should be marked, that both parts consume the same amount of processing power the machine on which the “Voltcoin” mining is. So the computing power which is provided by users for mining are divided equally.

1. The first part – is intended for mining “Voltcoin” cryptocurrency. Similar to most programs for “Bitcoin” mining.
2. The second part - is intended for

carrying out predetermined arithmetic operations.

Thus, through a remote server , you can ask the system certain algorithms for computing, not associated with the “Voltcoin” cryptocurrency mining.
Available computing power can be used for domain names registration, for registration of documents, for registration of software and a lot of what else, forming decentralized supercomputer “Volt”.

The remote servers can not keep track of, or in any way affect the process of mining and transactions of “Voltcoin” cryptocurrency.

So, the means of “Voltcoin” mining is a network of software, which is distributed among the owners of personal computers , due to the value cryptocurrency and forms the “Volt” supercomputer.

The scheme assumes that for new emission of cryptocurrency will require more and more computing power over time therefore

supercomputer will get more computing power.

Processing power of the supercomputer will be one more component of “Voltcoin” cryptocurrency cost along with the ability to exchange it for other cryptocurrency, goods, services and fiat money.
This variable will provide a favorable advantage «Voltcoin», compared with other cryptocurrency and its high costs.

The rise of exchange rates of the “Voltcoin” cryptocurrency and increasing the complexity of mining will force users provided increased computing power, in fact, to increase the computing power of the “Volt” supercomputer.

Prospects of development.

As the complexity of "Voltcoin" mining will raise, effectiveness of using computers will decline (for example, “Bitcoin” mining). This process naturally will be necessary to use special equipment for mining. Issue, development of equipment maximum effective for mining of cryptocurrency “Voltcoin” will be next logical step which not only open new markets but develop increasing computing power “Volt” supercomputer.