

# PROJECT GLOBATRIX

## TOUCH THE FUTURE



Whitepaper V.1.2  
by Gruad Technologies





## Abstract

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The Internet became a global advertisement network, based on third parties monopoly. Individuals and organizations compete for online presence. This produces reused and redundant data, leading to information junk and Internet congestions problem. Users security is vulnerable due to browsers mechanisms of cookies and adware, exposing users to a possibility of higher threats. The information freedom and human rights are the subjects of abuse due to information control and manipulation. The Proof-of-Work approach allows hardware manufacturers to raise equipment prices, making other individuals overpay.

The new model with different logic is needed to solve congestion, remove the competition, use harmonic advertisement algorithms and collaborative logic, allow information freedom, respect of personal space, decentralized search, collaborative webmasters network, advanced users privacy and security with browsers not based on cookies, new generation of greener flexible blockchain, free backup solutions, barter trade for poor regions, organizations with decisions based on their community needs and transparent electronic voting, and full VR compatibility.

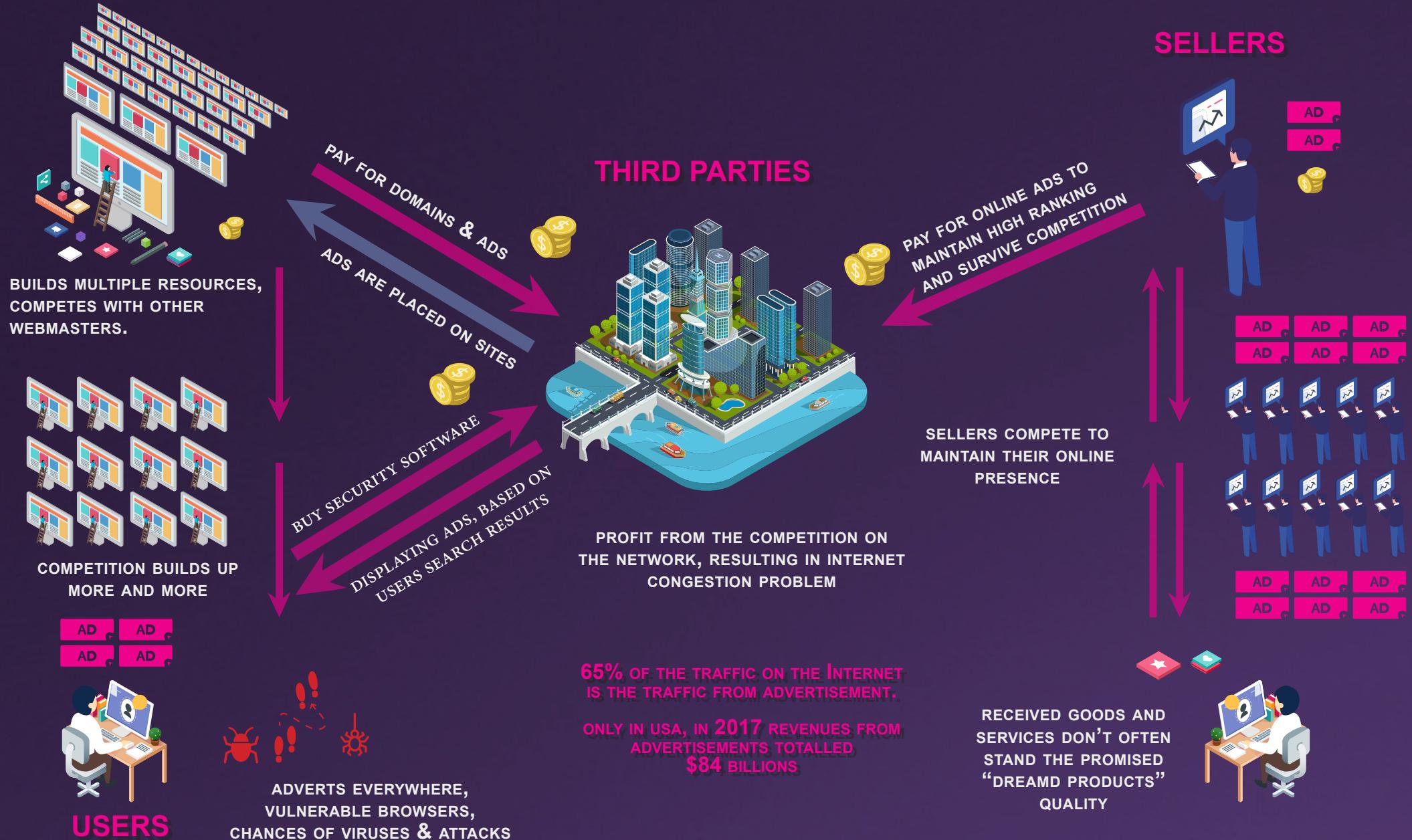
The offered collaborative model uses logic not based on the third parties monopoly and protects information freedom and privacy to the core of natural fundamentals of human rights.



## WEBMASTERS

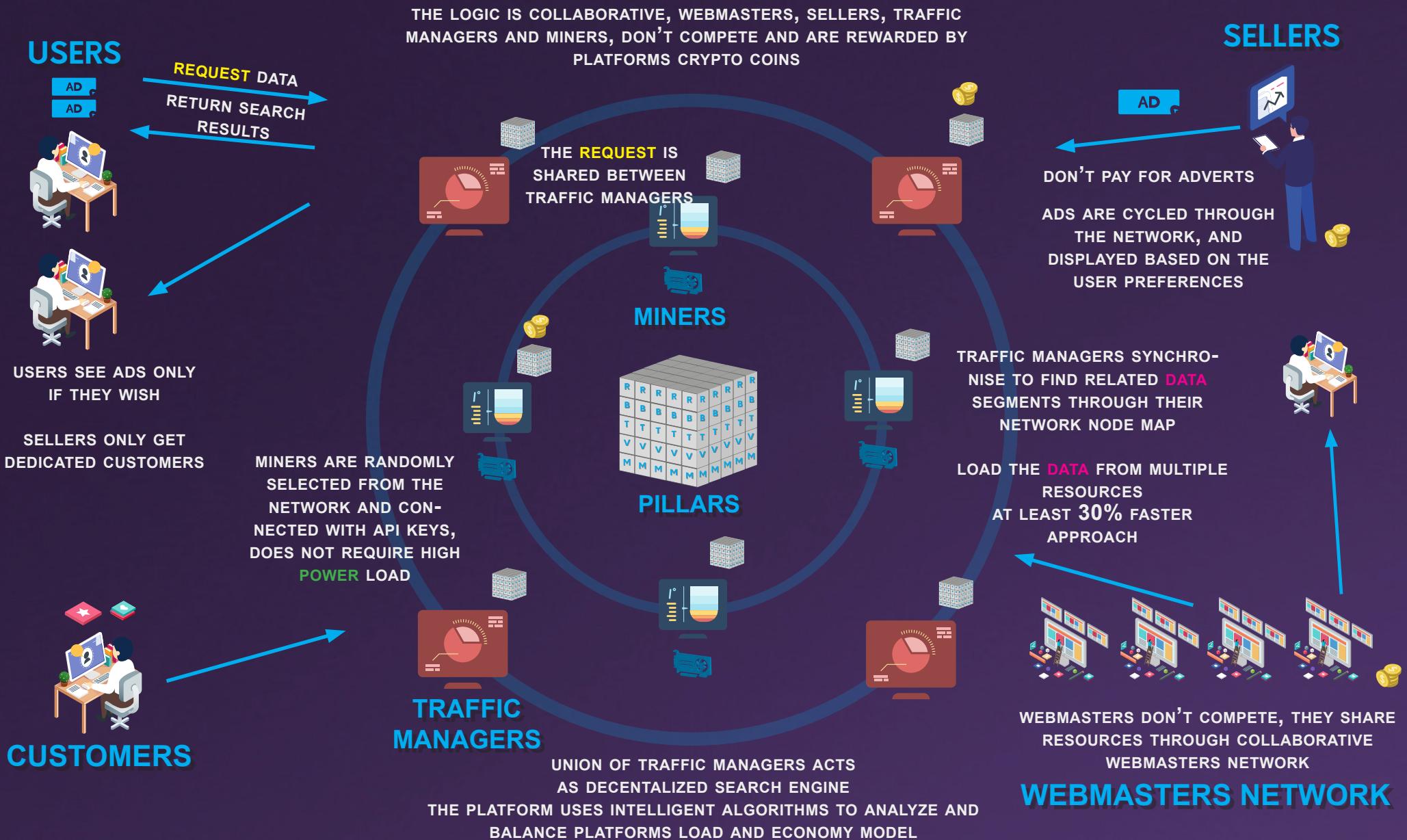
## THE EXISTING MODEL

## SELLERS





# PROJECT GLOBATRIX MODEL





## EXISTING MODEL

Current Web model became a global advertisement platform requiring individuals and organizations to compete online to keep their presence and offer their products to the end customer, as each offering side needs to be on top of their competitors to maintain high ranking positions on the marketing networks with search results indexation and leads to their resources. Webmasters must compete with each other over visitors to monetize their traffic by offering such advertisements on their resources. They often have to produce a large number of alike websites on a large scale by reusing content, sometimes up to 100 websites a day with specialized software, or to create multiple leads from social platforms. This produces a lot of junk data on the Internet, uses a lot of unnecessary space and results into Internet Congestion problem, which can only be solved by adding more physical storage to the entire network.

On the average, a Webmaster earns \$0.50 - \$2.00 per 1000 unique visitors. So it requires a website, highly indexed by the Search Engine.

Internet advertisements take up 65% of the whole Internet traffic and only in the US in 2017 the revenues from online advertisement totaled in \$83 billion.

Due to high demand and competition, the sellers often don't stand for the "Dream Product" quality they offer, resulting in disappointed customer, 94% of which won't complain and will turn to another seller. 51% of the customers are willing to pay more, right from the start if they know the quality is guaranteed.

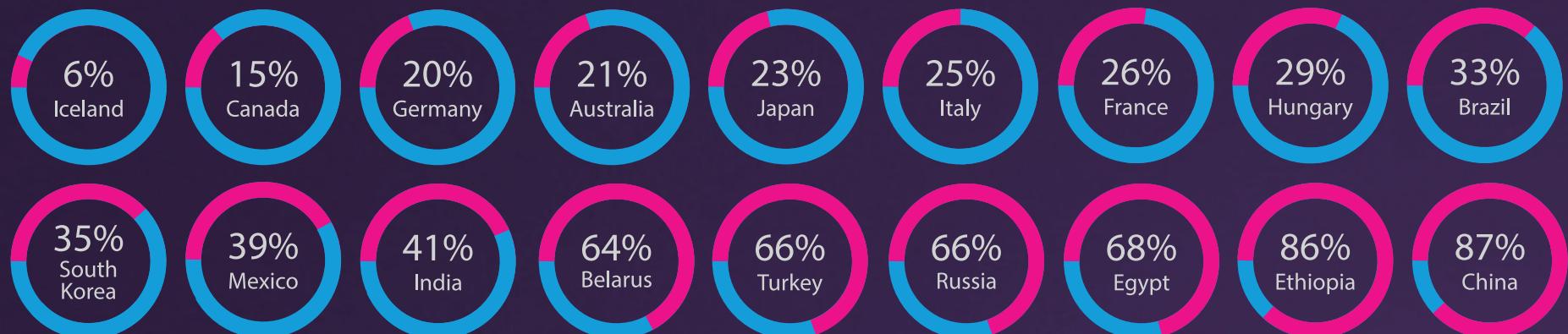
Due to the browsers mechanisms of cookies and adware, the users' personal data can be compromised, resulting in more serious attacks, information and money thefts.

Some media agencies may cause disinformation for personal profit or other reasons, causing division of groups of people, or countries attitude towards other countries. Another problem is information control where the core fundamentals of the Articles of the "Universal Declaration of Human Rights" are broken, alongside with privacy and freedom of speech.



## Example of the Internet information control and users rights violation graph by country

■ limit on content/user rights violation      ■ Internet freedom



## OUR MISSION & PROJECT GLOBATRIX

The development of the new model is required to overcome the problems of existing network congestion, monopoly, competition, information freedom and security, search decentralization.

We are thrilled to offer the new concept of the Cyber World for the public that will solve the problem of congestion, competition, will provide information freedom and right of privacy online, decentralize the search, will allow to submit advertisements for free and use advertisement space intelligently with Intelligent Harmonic Algorithm that will cycle adverts through the network and will be displayed based on personal users preferences or won't be displayed at all, if the user does not wish to be notified of any product or service at the moment or at any other time, making advertisement non-invasive and personal interests based, on the users agreement, engaging only the potential customers.



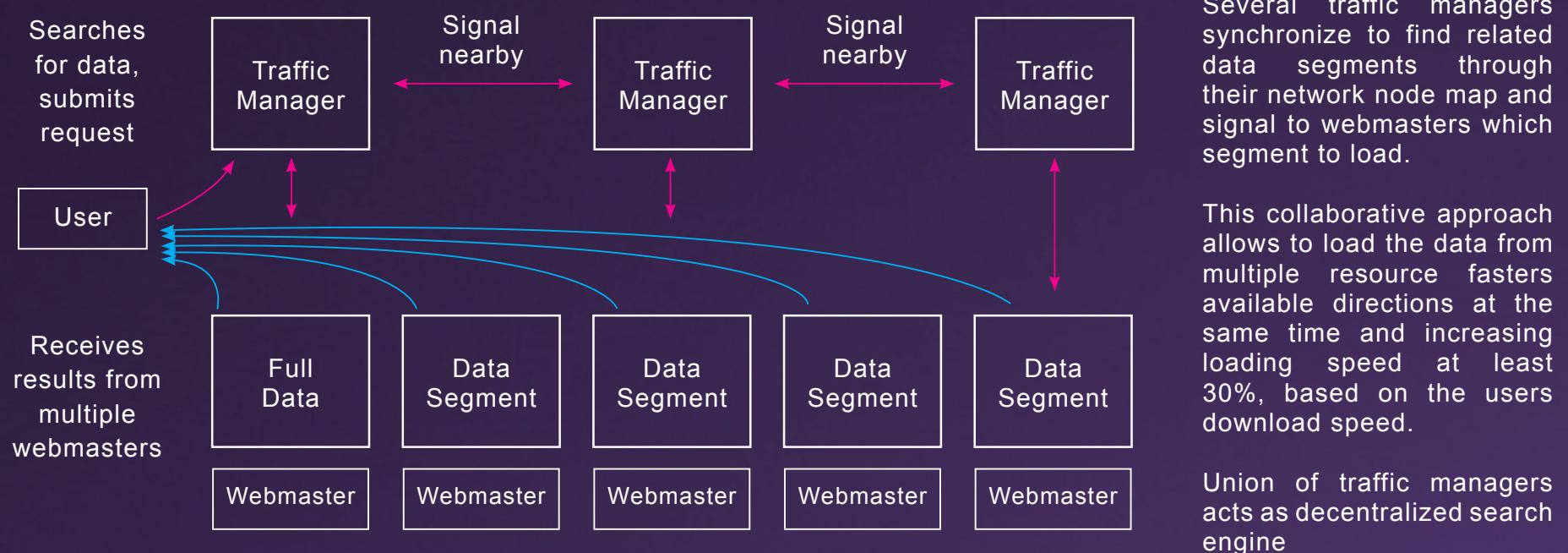
If the users are interested in a certain type of advertisement, then different companies and their products will be offered, but then they will be cycled and replaced with new offers if the user shown no interest to a certain product or a specific organization.

If the customer makes a purchase from the seller, the customer has the right to evaluate sellers honesty based on the received products quality and description given, and evaluate the seller with positive or negative reputation point, that allows the seller to be rewarded or not being rewarded by platforms crypto coins, based on the estimated value of the sale made in the cyber world at the current block timestamp. It can be compared to the process of electronic voting where sellers honesty is estimated allowing to evaluate public opinion of the seller.





The webmasters will use webmasters collaborative sharing network to distribute the links of their resources to other webmasters, the information has 2-way linking ability due to the structure of the nodes Map on the network and will be encrypted and replaced by Globe VPN protocol instead of the TCP/IP protocol, where nodes address will be understandable to the other nodes and traffic managers. Some of the information might be linked to or copied to other resources, but due to the collaborative logic, there won't be a need of competition, and the model will be quality and not quantity oriented. This approach will allow lowering the network congestion at least 70% in the beginning, but as the network will grow and the approach will be widely accepted, the % of reused and congested data will keep reducing.



Both, the webmasters and traffic managers are rewarded by platforms crypto coins in a ratio 30%:70% (Traffic Manager: Webmaster) for performing network operations, based on their involvement and processed hash values.



## REWARD CALCULATIONS

Miners reward can be represented as:

$$R_m = \frac{1}{2} B_p \times \frac{n}{N}$$

Where B is the block reward and [p] stands for the Power coin,  
n is the Miners hashrate and N is the total  
Miners hashrate for the Block and 50% of the  
blocks Power coins reward are reserved for the  
Miners.

Sellers reward can be represented as:

$$R_s = \frac{1}{2} B_p^t \times \frac{s^t}{S^t}$$

Where [t] stands for the time of a block, [s] is the Sellers sale amount and [S] is the total Sold on the network at the time of the block with 50% of the blocks Power coins reward reserved for all the Sellers.

And the total distribution of the Power coins per block can be described as:

$$R_{Pw} = (R_{m0} + R_{m1} + \dots + R_{mn}) + (R_{s0} + R_{s1} + \dots + R_{sn})$$

All of the calculations are presented in a simplified form for easier understanding. There is also power and hash calculation processes based on Intelligent Algorithms that ensure all the rewarding and balance.

Webmasters reward can be represented as:

$$R_w = \frac{7}{10} B_g^t \times \frac{h^t}{H^t}$$

Where B is the block reward and [g] stands for the Globe coin, h is the Webmasters hashes processed and H is the total number of hashes processed on the network for the Block and 70% is blocks Globe coins reward are reserved for the Webmasters.

Traffic Managers reward can be represented as:

$$R_{TM} = \frac{3}{10} B_g^t \times \frac{h^t}{H^t}$$

Where 30% are the reserved Globe coins for the Traffic Managers based on the time block.  
Block reward delegation normally doesn't take more than 1-2 blocks, based on the network load

And the total distribution of the Globe coins per block can be described as:

$$R_{Gl} = (R_{w0} + R_{w1} + \dots + R_{wn}) + (R_{tm0} + R_{tm1} + \dots + R_{tmn})$$



## INFORMATION FREEDOM

The very fundamental concept of Project Globatrix is the freedom of information and human rights, the IP address on the network is replaced by the ciphered address of the node, understandable to other nodes, traffic managers, and webmasters.

This is done with the GLOBE protocol, that replaces the TCP/IP model stack on top of the physical layer with layer of ciphered address and broadcasts a signal to the network allowing the closest traffic manager to pick it up, such connection is later written to the nodes:traffic manager node map as a relation to optimize the loading speed between the node and other entities on the network.

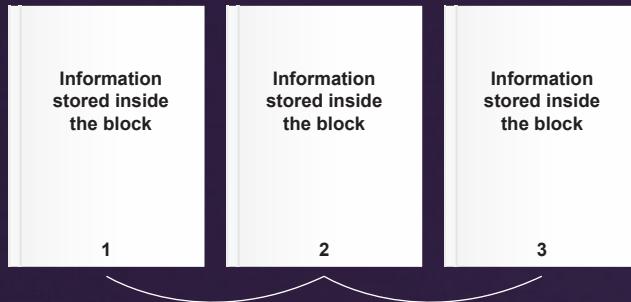
After the traffic manager has been found, the secure GLOBE connection is established between the two, transferring the node's request. The request is broadcasted by the traffic managers signaling other nearby traffic managers to perform the search for the requested data. The keywords of the data are stored inside the map record of each traffic manager, the traffic managers involved in this particular session exchange the information and signal the webmasters to provide the necessary data back to the user. The handshake is established between the node, traffic managers, and the webmasters, displaying possible results to the user, after which the user of the node can decide which website he wishes to load.

In computer time it takes milliseconds, so the whole process of connection establishment and result return shouldn't take more than 1-2 seconds in real life time since the block-matrix algorithm is different from the traffic managers processing algorithm.



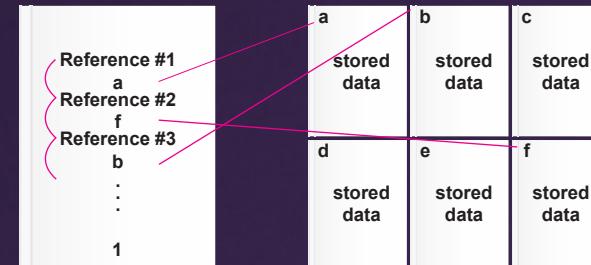
# “PILLARS” THE BLOCK MATRIX OF GLOBATGRIX

## TRADITIONAL BLOCKCHAIN

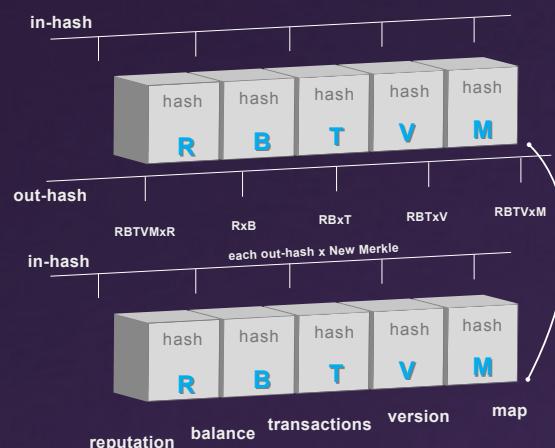


If you can think of blockchain as of the book with page number, where each number depends on the previous one

## THE “PILLARS”



Then you can think of the Pillars as of an Address Book with an attached list of reference for which record to look at sequentially



There are 5 records related to nodes addresses on the network.  
Based on an SHA-256 algorithm. Blocks are signed by miners like in traditional blockchain. Transactions are based on “Agreements”

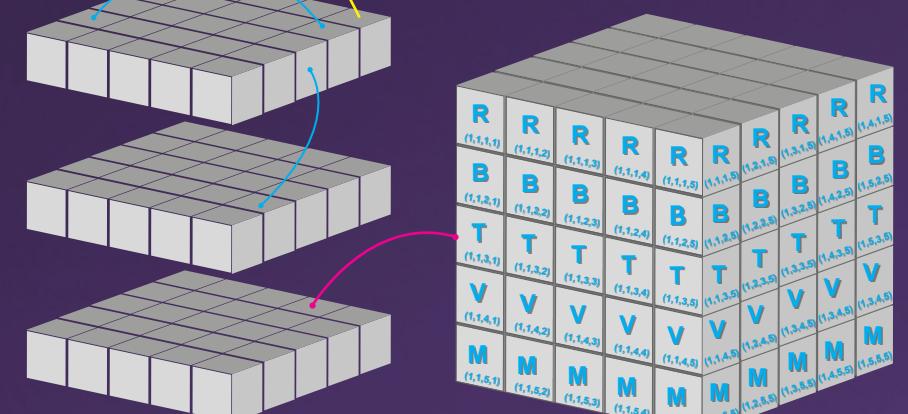
The PILLARS are built on the concept of mathematical multidimensional matrices called tensors.

They have 3 and more dimensional logical structure and can be used to perform complex operations with high speed and performance.

Such approach also allows creating 2-way link dependencies which are missing from the current HTTP model.

Tensors are used to store and organize complex sets and patterns of data.

It also allows implementing 5-handshake algorithms to efficiently perform in-depth search patterns that today's model does not support.



PILLARS Logical Representation



# PLATFORMS CRYPTO COINS AND EXCHANGE TOKEN

## VAULT Coin

Fixed Supply



The amount of the coins on the platform is equivalent to the number of tokens sold during the pre-sale and ITO

Stands as platforms “Gold Reserve”

## GLOBE Coin

Mined at the rate of 9000/block



Used to reward Web-masters and Traffic Managers for visitors and search performed. Covers social and data sectors.

## POWER Coin

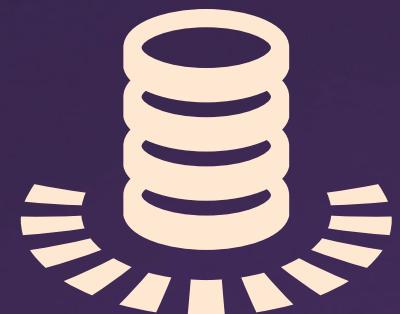
Mined at the rate of 300/block



Used to reward the Miners and Sellers on the network. Covers power and production sectors.

## EXTOK Token

Used for goods barter exchange



The trade of goods can be carried out without any coins or currencies involved, but only based on their value in the ecosystem.

There are Intelligent Algorithms that will analyze the statistical non-sensitive data on the network and will balance the platforms and its sectors through coins ratio adjustment.

**The platform is self-sustainable and can exist without the fiat currencies involved.**



# GLOBATRIX PLATFORM FEATURES

- Advanced privacy & security
- No cookies, adware or spyware
- Decentralized financially self-sustainable ecosystem
- Information freedom
- Not competitive, collaborative logic
- Webmasters collaborative network
- Harmonic advertisement algorithm

- Sellers reputation based honesty rewarding
- New generation blockchain
- Solves Internet Congestion problem
- 2-directional links on the Web
- Solution to the ICO Bubble problem
- Barter exchange of goods
- Full VR support

Solves  
Internet  
Congestion  
Problem

Secure  
Browser  
& Data  
Privacy

Greener  
Flexible  
Blockchain

Bi-Directional  
Data & Website  
Linking

Honesty  
Rewarding

2D, 3D  
and VR  
Interfaces

Reduced  
Monopoly &  
Competition

Decentralized  
Ecospace

Collaborative  
Environment

Reputation  
Based  
Sales

Harmonic &  
Intelligent  
Advertisement

ICO Bubble  
Problem  
Solution

Trade in  
Poor Regions

Financially  
Self-  
Sustainable



## THE TEAM



**Dimitri Kostin**  
CEO, Platform Architect



**Michael Lungo**  
Interface Master



**Satyam Agrawal**  
Blockchain Master



**Marco Romero**  
VR Guru



**Varun Pratap Singh**  
Cryptography Signal Master



**Dejan Vujicic**  
Math, Electrical/ Computer Engineer



**Ana Helena Bittencourt**  
Deadlines, Public Relations



**Gruad Technologies**



**Secure Blocks**



**Marco Romero 3D Studio**



**Magora Systems**



**TKVR LLC / Cur1yJ**



# ROADMAP

- 2Q 2018**  
Token Crowdsale, Community development, marketing, promotion.
- 2Q-3Q 2018**  
ITO, development process, testing, marketing. Contributors will get access to early alpha versions
- 3Q-4Q 2018**  
**Testing and unofficial beta-release**  
Contributors will have access to the beta versions
- 4Q 2018**  
**Almost there**  
Release of the mining tools and interfaces, wallets and exchange tools
- 1Q 2019**  
**Platform release**  
Free for download from the community website and GitHub repositories.
- 2Q-3Q 2019**  
**Additional tools and Business tools development for collaboration, remote meetings and VR**

- 3Q-4Q 2019**  
Business tools release
- 1Q 2020**  
**Globatrix Operating System**  
Preparation for development (with its own ITO)
- 2020 - 2022**  
**Globatrix Operating System development**

## Main Tools Development



- Globe Browser (GBro)**  
with 2D, 3D and VR interfaces.  
Cross-platform.
- Globe Messenger**  
Based on secure Globe VPN protocol.  
Cross-platform.
- Globe CMS**  
Webmasters tool for websites creation, with ability to create 2D, 3D and VR sites.
- Wallets, mining interfaces, Traffic Managers interfaces, Webmasters interfaces, CMS, protocols and API libraries.**



# TOKEN & ITO

## Token Details

Token Name	Globatrix Token
Token Symbol	GLOB
Token Address	0xbBCf10D6bc180172d8d352BE5bBCfB814E8f3474
Crowdsale Contract Address	0xF86Ad18397738C076fC644bdebdF7a77e9Ab2fBC
Token Standard	ERC20 Compliant, 18 Decimal Places
Accepted Currency	Ethereum (ETH)
Maximum Supply	250,000,000
Community Tokens	10%
Tokens For Sale	225,000,000
Presale Price	15,000 tokens / 1 ETH
ITO Price	1,500 tokens / 1 ETH
Minimum ITO Token Sale Cap	30,000,000 tokens
Will More tokens be issued?	No, any unsold Tokens will be destroyed after the ITO
Token Network	Oracles POA Network
Token Visibility	Etherscan.io
Tokens Purpose	Exchanged for platforms Vault coins at launch, or traded on exchanges
Tokens on Exchanges?	Yes, during the main ITO or after (based on presale success)

## Token Distribution

Globatrix Token (GLOBE)	Token Supply	Token Price (1 ETH)	Minimum Tokens
Community Tokens	10%	---	---
Pre-ITO Sales	25,000,000	15,000 tokens	1
ITO Sales, 3 months	200,000,000	1,500 tokens	1

## Presale Tokens

Maximum to be Sold	25,000,000 tokens
Price	15,000 tokens / 1 ETH
How Tokens are issued	Automatically issued on purchase

## Crowdsale is live now

Crowdsale is live now

Wish to know how to participate?

Please follow the steps described

### Step 1

Visit our website:  
[www.globatrix.com](http://www.globatrix.com)

### Fill in the form:

- Contact name
- E-mail address
- Public Ethereum address you will use in the crowdsale

### Step 2

Click on the Crowdsale page link that will take you to the crowdsale page on the POA Network

Make sure the crowdsale address starts with **0xF86** and ends with **2fBC**

Oracles POA is faster and cheaper fork of Ethereum network



The MetaMask is required for presale



# CONTACT INFO

## Project Globatrix Website

[www.globatrix.com](http://www.globatrix.com)

## Headquarters Website

[www.gruad.com](http://www.gruad.com)

### Contact E-mails

General questions and discussion

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Technical questions

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E-mail and Ethereum public address  
registration for token presale

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