

# **GPUcoin zk distributed computing future proof video protocol Dapps platform powered by cryptocurrency Blockchain**

Open Source decentralized uncensorable network allowing anyone to rent their excess bandwidth & GPU compute, while providing a secure compute connection for those in need

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GPUcoin network protocol team

September 22, 2017

GPUcoin Foundation

# Primer

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# GCN GPUcoin peer to peer Dapp Network

GPUcoin foundation is developing GPU COIN NETWORK an Open source software, powering a Decentralized Network of live-streaming & distributed computing p2p Dapp Nodes.

GCN GPUcoin Network acts as a marketplace, its Open Source software allows anyone to join the network both

- as a provider selling unused network traffic, GPU, CPU
- as a customer buying live-streaming & distributing computing service

from other GPUcoin GCN Network providers.



# GPUcoin peer to peer Network

GPUcoin GCN Network is based on a complex architecture revolving around P2P, Blockchain, Smart Contracts, State Channels, etc. . .

token based, peer to peer blockchain

Read our white-paper for a detailed description on how the protocol will enable the creation of a completely decentralized live-streaming & zk distributed computing network, powered by de-centralized micro-payments using cryptocurrencies Bitcoins, ETH & blockchain.

# Centralized vs Decentralized

Facebook/Twitter	Hoot decentralized
 A central blue node is connected to six surrounding blue nodes, representing a centralized hub-and-spoke network structure.	 A network of seven teal nodes connected in a mesh-like structure, representing a decentralized peer-to-peer network.
<p>Focus on Shareholder benefit</p> <p>Your private data in everyone hands</p> <p>Simplified access to your data</p> <p>High profit margins</p> <p><b>Heavily censored</b></p> <p>Not fault tolerant</p> <p>not peer to peer</p>	<p>Focus on Network participant benefits</p> <p>Your Private data is Decentralized</p> <p>Restricted access of your data</p> <p>Perfect competition sets fair price</p> <p><b>Censorship-free</b></p> <p>a dense Byzantine fault tolerant peer-to-peer network</p>

# GPUcoin Values



## Decentralized

Ininitely Scalable,  
built using P2P  
architecture.  
Without single point  
of failure no central  
company or server.



## Open source

All source code is  
always visible,  
empowering  
contributions &  
100% transparency.





## Designed for privacy

Powerful encryption,  
Node Reputation,  
Layered Protection  
Protocols, etc.. All  
working to help you  
safely & privately  
participate in the  
Network.

# Evolution of internet & crypto currencies

**Netscape moment:** *Cambrian* explosion of crypto-currency Dapps

			
Phase	Internet	Crypto-currency	Reach
Protocol	TCP/IP, SMTP	e-gold, digi-cash, bitgold, <b>Bitcoin</b> , Ethereum	1M People
Infrastructure	ISPs, lay fiber	<b>Exchanges</b> , secure storage	10M people
Consumer Interface	Browser	User controlled <b>btc/eth wallets</b>	100M people
Decentralized Dapps	Web 2.0	Finance 2.0 Dapps	1B people
Fat Protocols	Web 3.0	Filecoin, <b>GPU-Coin ICO</b> empower next-gen Dapps	2B people

Protocol layer like **Filecoin** and **GPUcoin** ICO will form the next Web 3.0

# IPCN : InterPlanetary Compute Network



Uber/Airbnb for GPU computers

- Build **TeraFlop/PetaFlop super-computers** on top of the GPUcoin Inter-Planetary **Compute Network(IPCN)**
- architecture revolving around fault tolerant redundant P2P, Blockchain, Smart Contracts, State Channels
- a platform to create new compute primitives using any Turing compute programming language
- use container technologies such as docker & kubernetes to efficiently distribute & use excess unused GPU compute
- powered by cryptocurrency micro-payments
- compute results verifiable using cryptographic & mathematical properties





Decentralized P2P GPUcoin GPC nodes will earn crypto-token incentives called GPUcoins GPC

- for contributing their **GPU** processing power & bandwidth in the service of mining, GPU compute, encoding & distributing video using the GPUcoin live virtual-machine
- for participating in the GPUcoin IPCN **InterPlanetary Compute Network** & security protocol
- much like miners in Bitcoin & Ethereum earn token for mining the **cryptocurrency** in exchange for **breaking complex math puzzles**
- GPUcoin tokens are **paid API keys i.e., utility tokens** NOT securities you can redeem GPUcoin GPC tokens for GPU compute time/bandwidth on the decentralized GPUcoin compute IPCN™ network

## Conclusion

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IPC�™ get the GPUcoin GPC tokens from



<http://onhoot.com/tokensale>



**Questions?**