EtherCore One Pager

Scalable, Multi-Chain Decentralized Application Platform Powered by ProgPoW Consensus.

Overview

EtherCore is a smart contract application platform to bring back security, scalability and decentralization again for DApps. Current Blockchain applications like digital tokens and DeFi applications are deployed on one of the biggest DApp platforms like Ethereum or EOS which is considered to be centralized among the other Blockchain platforms that are being built by the active community. EtherCore is here to solve the decentralization problem for Ethereum, which will lead to the most secure and stable DApp platform for every Blockchain developer. Built by the open-source mind, EtherCore is ready to scale the network with the assist of an exclusive sidechain solution, which may keep the mainnet decentralized without any sacrifice of network performance. Via EtherCore, open source developers and miners can build a community in which they can cooperate their business with each other.

The Advantages

EtherCore is superior to any other decentralized application platforms.

*** EtherCore is Secure**

Mainnet consensus algorithm of EtherCore is powered by ProgPoW, a Programmatic Proof-of-Work consensus algorithm which is considered as the most ASIC resistant and GPU friendly algorithm. Strong decentralization powered by the grassroots of GPU miners is what makes EtherCore secure and irreversible platform.

*** EtherCore is Scalable**

EtherCore is the fastest Blockchain platform ever where mainnet will remain 14 second transaction confirmation time ever since and sidechain will be able to provide 1 second average confirmation time which can be considered as a real-time Blockchain solution. Dynamic block capacity for both mainnet and sidechain is possible which provides enough network capacity to DApp developers and users on demand. Just like how we use faster storage solutions for storing data in real time, sidechain will be able to play a role as a cache for mainnet since it could process more than 1000 times bigger capacity than the original Ethereum Blockchain.

*** EtherCore is Decentralized**

EtherCore is designed to be resistant for any kind of third party interference, especially for combating 51% attack or denial of service transaction deployment to occupy the network or exploit any DApp transactions illegally. Any commitment to mainnet will be secured forever from the assist of ProgPoW algorithm, and the sidechain will be able to handle any updates needed for specific kind of decentralized applications from network capacity to real time contract update.

Roadmap

* Launch a PoW mainnet (2020 Q1)

* Airdrop for Ethereum holders (2020 Q2)

* Community election for sidechain operator starts (2020 Q3)

* Unique DeFi solution for EtherCore mainnet (2020 Q4)

* Operation of PoA sidechain network (2021 Q1)

* Expand the network up to 4000 TPS (2021 Q2)

Our Footprint

* Contribution for Open Source Ethereum Blockchain Explorer solution (2017 Q2)

* Developed open source public mining pool solution which is used by multiple mining pools and Blockchain platforms. (2017 Q3)

* FPGA / ASIC development for Keccak and Lyra2Rev2 algorithm (2017 Q4)

* Major open source contribution for ProgPoW algorithm development (2018 Q2)

* Quality assurance held for AMD graphic cards (OpenCL) (2018 Q3)

* Development for community mining program, Progminer (2018 Q4)

* Participation for first official ProgPoW Gangnam Testnet held by the Ethereum Foundation (2018 Q4)

* Technical Assistant for smart phone mineable Blockchain solution (2019 Q2)