

Bitcoin Hyper

The Bitcoin for Fast Transactions

October 2018

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Purpose

The intended purpose of this document is to act as a supplement to the original Bitcoin whitepaper. This document also includes current and planned uses of technology to conduct transactions over the Bitcoin Hyper network.

Bitcoin Hyper Whitepaper

Bitcoin Hyper is an open architecture cryptocurrency technology project based on the Bitcoin source code, protocol and algorithm. The idea behind the Bitcoin Hyper project is to keep the key benefits of Bitcoin, while enhancing the Bitcoin code to operate much faster, and at near credit card transactional times making Bitcoin Hyper practical and affordable for merchants and consumers for everyday transactions.

Bitcoin Hyper is a speed enhanced version of Bitcoin that employs a proof of work algorithm. The project has a total of 48 million coins.

While trying to classify this project our team collectively decided to honor Bitcoin by adopting the name Bitcoin Hyper to identify Bitcoin's main characteristics and its open architecture decentralized network employed in this Cryptocurrency.

We are presenting our version of a turbocharged Bitcoin dedicated to:

- Lowering Transaction Costs
- Establishing a no fee threshold for micro transactions
- Lowering power consumption costs
- Lowering transaction processing times through difficulty adjustments
- Enhanced block size, block timing and block spacing
- Non Circumvention of the Blockchain

These are the value-added solutions we implemented to address real world transactional needs, scalability and future capacity requirements.

We have kicked off our efforts by launching the first nodes using world class purpose-built hardware for transaction processing and data storage. This hardware implementation meets Network Equipment Building System (NEBS) and Government Emergency Telecommunications Service (GETS) regulatory compliancy requirements and is the first step in a direction to equalize the Bitcoin Hyper cryptocurrency project with the highly regulated financial services industry.

Bitcoin Hyper White Paper

These first core nodes and Domain Name System (DNS) seed nodes are designed to launch the Bitcoin Hyper decentralized network and not act as permanent control nodes in a core network. These preliminary nodes will serve as the initial launch platform, as well as, a disaster recovery solution and overflow protection should any network failure occur.

This implementation will allow Bitcoin Hyper node participants to effectively conduct transactions with the speed needed to conduct real world transactions, similar to existing credit card transactions, and with all the security inherently designed by the original Bitcoin project. Unlike other projects, Bitcoin Hyper's enhanced Blockchain solution records transactions without need for side chains that circumvent the original ideals behind the transparency and immutability of the Blockchains Distributed Ledger platform.

The Bitcoin Hyper project implementation will allow for node participants and developers to build real world transaction products and use case applications around the time sensitive transactional needs for exchanging peer to peer currency. Future applications will benefit from the speed of Bitcoin Hyper public access Blockchain that acts in near real time to register completed transactional verifications. These transactional verifications can be used and certified due to the indelible signature of the transaction, and the signatures independently verified by anyone.

Bitcoin Hyper relies on the proven security algorithms Bitcoin has been implemented in its hash functions. Elliptic Curve Digital Signature Algorithm (ECDSA) plays a critical role in safeguarding the Bitcoin Hyper's user tokens. ECDSA provides the double spending security on Bitcoin Hyper's network ensuring a Bitcoin Hyper token is not double spent (replay) accidentally or intentionally once a token is exchanged from peer to peer.

Bitcoin Hyper's scalable solution is designed for everyone and for every situation in place of paper currency. Cryptocurrency is designed for the digital age, to secure your money whether it's on the internet, buying something at a store, or transferring money around the world. Bitcoin Hyper users can rest assured their money is digitally encrypted, making it secure and practically impossible to steal while keeping all transactions verifiable and transparent to everyone.

Bitcoin Hyper was designed to give Bitcoin Hyper a distinct advantage over the thousands of other Cryptocurrencies on the market. We decided to employ a more risk tolerant methodology that adheres to the existing Bitcoin framework and model, while enhancing the features that hold back Bitcoin from reaching its full potential.

Bitcoin Hyper White Paper

We have put together a seasoned executive team with expertise in the financial services industry that have the experience and foresight to launch a product and see it to maturity. To assist in the execution of the Bitcoin Hyper's implementation and its success, we have selected highly qualified Board of Advisors including industry experts to help Bitcoin Hyper's team achieve the marketplace recognition and demonstrate its use as a true utility token.

Bitcoin Hyper offers users industry standard onboarding and acquisition of the Bitcoin Hyper tokens through third party exchanges. The exchanges offer industry matured transaction solutions, including fiat currency exchange, Cryptocurrency transactional analytics and exchange specific secure asset custody controls. ACH and wire transfer funding solutions offered by exchanges give users quick access to fiat exchange.

Purpose-built for Fast Transactions

The project goal is to provide a functional utility token, with the ability to compete in a highly competitive transactional market, where time is of the essence.

In a fast paced world where every second counts, payment processing transactions are rarely scrutinized until the unspoken threshold of one's patience has been crossed. We all have experienced longer than average transaction processing wait times, especially during a holiday shopping season. Having transaction waiting times that are eight, nine, or even 70 plus minutes makes it impractical for everyday use. This is the reality according to the leading analytical data averages from independent tracking sites.

We have implemented a high performance, purpose-built network for the specific function of processing Bitcoin Hyper faster than the current typical transaction times with the scalability and capacity for real world application uses.

Starting with a world class infrastructure focused on speed, throughput and reliability, Bitcoin Hyper's hardware deployment includes cutting edge logic and data processing to establish the initial framework for the foundation of the transaction network.

The modified, refocused project software sets the stage for the global decentralized network. As additional node operators and miners participate in the decentralized network, the foundational software is the solution to achieve faster confirmed transactions.

The benefit of Bitcoin Hyper can be immediately realized when the speed of the transactions is compared against other processing networks or Cryptocurrencies. Bitcoin Hyper is our solution to meet the requirements of real world transaction processing in everyday use.

Integrated SMS and Text Transfers

Fast Transactions over Seamless Global SMS and Text with Bitcoin Hyper

Bitcoin Hyper has entered into a multi-million dollar definitive agreement with a Global Telecommunications company to provide the Global Infrastructure and SMS / Text platform. With a planned release in the 1Q of 2019, this technology will remove the transaction from the internet offering a secure method of peer to peer transfers. SMS utilizes GSM or CDMA and is available to every country and territory and every SMS enabled phone number.

As part of the planned offering Bitcoin Hyper will offer SMS enabled phone numbers for use globally to SMS enable IOT devices, smart phones, tablets and computers. The planned service offering will effectively cover developing nations and rural communities across the globe with limited or no internet access.

The integrated SMS wallet and specialized telephony security implementations will create an added layer of security, protecting the Bitcoin Hyper user's assets. This service offering will not require any downloadable application or third party apps to conduct a transaction, just a simple text with the dollar amount along with the phone number of the recipient. Standard SMS or Text messaging carrier charges may apply when utilizing the service.

Bitcoin Hyper Merchant Network

Bitcoin Hyper Merchant Network is the first step into global acceptance.

Bitcoin Hyper is connecting to a network of over 2.5 Million merchants already participating in the acceptance of Cryptocurrency. This Merchant Network allows merchants to easily accept Bitcoin Hyper for any transaction without the hassle of an independent setup that sometimes proves to be costly. This acceptance approach offers real world consumer to business Cryptocurrency transactions at speeds that outperform other popular Cryptocurrencies and without bypassing the Blockchain and settling the transaction in near real time.

Bitcoin Hyper ATM Network

Bitcoin Hyper ATM/ BTM Network offers customers quick access to funds.

Bitcoin Hyper is participating in the largest globally established ATM/BTM network. With over 1000 established locations throughout the United States, Europe and Latin America this unprecedented access solution resolves the accessibility issue Cryptocurrency asset holders face when quick access conversion to fiat currency is needed. This ATM/BTM Network allows Bitcoin Hyper asset holders the capability to conduct buy and sell transactions at the ATM/BTM terminal without the need for ACH or wire transfers, which can take days for the asset holder to receive their settled funds in their fiat account.

Cryptocurrency Cost Savings

Realizing the true costs of Cryptocurrency processing and effectively implementing a power reduction solution results in bottom line savings.

Bitcoin Hyper's goal is to correct the problem(s) associated with transaction speeds and scalability of the Cryptocurrency. As a result of project enhancements, the power consumption utilization per transaction has been dramatically reduced as well.

These cost cutting measures are a direct effect from modifying the overall difficulty metrics employed in the processing of Bitcoin Hyper. The direct savings are perpetual and not a short term solution that dissipate as transaction difficulty increases. The cost structure will remain in perpetuity after the last Bitcoin Hyper block is mined and transactions are fueled by transactional use.

Ultimately this translates into per transaction cost savings and overall cost saving for Bitcoin Hyper node operator, miners, merchants and users.

Built for Real World Use

Bitcoin Hyper is designed for everyday transaction uses with cost saving transaction features built-in.

While focusing on the speed element of the Bitcoin Hyper coin, we acknowledged the cost component that sometimes makes using a Cryptocurrency unpractical. In order for the Bitcoin Hyper ecosystem to work, the merchant and the user must have a product that is competitive to other existing payment solutions in the marketplace.

Our answer to the burdensome costs of Cryptocurrency processing and transactions was to all together remove the costs for micro transactions and lowering the overall cost of a larger standard transactions. With Bitcoin Hyper there is no cost to the user or merchants for processing micro transactions. This threshold is based on the value of the Bitcoin Hyper coin.

We believe this generous incentive will kick start the Bitcoin Hyper ecosystem and stimulate transaction use on the network. Its only through the benefit and participation of the users that this model works, so we have lowered the transaction fees across the board to compete with other alternatives in the marketplace and to solidify Bitcoin Hyper as the leading Cryptocurrency for everyday payment processing.

Mining Equalization

Bitcoin Hyper levels the playing field allowing for all mining operators to participate.

Through the implementation of the Bitcoin Hyper Miner Registry paired with the Scrypt algorithm, miners will be able to realistically compete for Bitcoin Hyper reward blocks and participate in the transaction processing in the network.

The Bitcoin Hyper Miner Registry applies limitations to large scale mining operations that seek to control the majority share of blocks to be mined and allows the general public and limited infrastructure operations the ability to obtain blocks for mining. This share the wealth approach offers a distributed block approach to equalize the distribution unmined blocks and allows the general public a real chance participate in mining.

The scrypt algorithm is a faster and easier algorithm in comparison to SHA256 and also plays a key role in the limiting large scale mining operations that have been built using purpose built hardware to mine using other standardized algorithms in Cryptocurrency mining.

The Development Community

Future development and deployments through the Bitcoin Hyper Community

After the initial release Bitcoin Hyper will rely on the Bitcoin Hyper community efforts to develop, upgrade and monitor the source updates and enhancements. Bitcoin Hyper will provide the initial community focus meeting venues for discussions and will rely on the community to self-govern the development community, including electing leadership roles and responsibilities. We believe this community reliance will allow community members to implement their ideals and technical capabilities in the project. Bitcoin Hyper's future is in the hands of the global development community guiding its direction towards mass adoption for use in everyday transactions.

Bitcoin Hyper Compliance

Bitcoin Hyper is committed to adhering to all the rules and regulations of each country and territory.

We are dedicated to maintaining the prototypal open architecture decentralized network instituted in the original description of Bitcoin but understand the need to evolve with the regulatory governance and guidance from oversight entities. We reaffirm our commitment to our users, merchants and governments through the participation and adherence of all statutes and laws from around the globe.

US Department of Treasury FinCEN Registration Number: 31000133184429

Activities:

Money transmitter, Cryptocurrency processor, Cryptocurrency transmitter

States of Activities:

Alabama, Alaska, American Samoa, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District Of Columbia, Federated States Of Micronesia, Florida, Georgia, Guam, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Marshall Islands, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Northern Mariana Islands, Ohio, Oklahoma, Oregon, Palau, Pennsylvania, Puerto Rico, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virgin Islands, US, Virginia, Washington, West Virginia, Wisconsin, Wyoming

All States & Territories & Foreign Flag: All States/Territories