SINOVATE
CREATE ○ BUILD ○ INNOVATE

White paper V02

SINOVATE : WHITEPAPER V2 Light Version

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Authors: Christopher P. Thompson, Nick Moore, Amit Kaushal and Tamer Dagli

INTRODUCTION

SINOVATE (SIN) is an open-source state of the art Peer-to-Peer (P2P) digital cryptocurrency dedicated to developing cutting edge blockchain products, services, and solutions.

SIN seeks to implement innovative blockchain technologies into all areas of the modern economy and is continuously researching new applications for private and corporate use.

Some of the innovations include the X25X algorithm, FlashSend, Infinity Nodes, Incorruptible Data Storage (I.D.S.), Revolving Sovereignty Votes (RSV), and SINOVATE Document Verification (SDV).

The SINOVATE team is committed to transparency and acknowledges that the Blockchain industry is still in its infancy. As such, several obstacles must be addressed, and to overcome these, SINOVATE has assembled an experienced and talented team that is ready for the challenge.

1. OUR VIEW

OUR VIEW

Since its inception in late 2018, the SINOVATE project has strived to deliver innovative solutions in the blockchain space. This involves respecting and sometimes taking on board opinions from the members for the overall benefit of the community. A genuinely democratic decision-making solution ultimately addresses the community as the most critical aspect of the project.

SINOVATE has a different perspective on how blockchain technology can be utilized to improve the lives of private and corporate parties. Community building and management, custom code development, and innovations are some of the things that differ SINOVATE from others. SINOVATE is committed to transparency, accountability, and honesty as they strive to solve existing problems within the blockchain technology space. As succinctly put by the slogan; create, build, and innovate.

2. OUR MISSION

Building and improving upon trusted and proven aspects of blockchain, the SINOVATE team is aware of future challenges. Blockchain technology is still considered by many to be in its early stages of development or infancy. Economists are familiar with the space forecast that blockchain will revolutionize nearly every modern industry and impact the daily lives of people on a global scale. The implications are far-reaching and extend beyond the traditional use of cryptocurrency as a store of value.

SINOVATE is a technically sound decentralized open-source network that is formed by a combination of pre-existing and innovative blockchain technologies. This combination has been explicitly tailored to overcome the challenges of scalability, security, and ingenuity. SINOVATE is ready to adapt, evolve, and sustain its relevance in a continually changing environment.

Therefore, our goal is to launch SINOVATE innovations in combination with a user-friendly platform to fully integrate into the user's day to day life.

3. FEATURES

SINOVATE name was chosen for several reasons. It represents the core beliefs and plans of the team and community. There is also an eagerness to innovate the current way that other blockchains function.

Providing the solutions necessary to make SINOVATE the next generation platform and currency is being done principally through SINOVATE's features. What follows are explanations of how they work and what they bring to the table.

3.1 NEW X25X ALGORITHM

To protect and enhance the decentralization of the SINOVATE blockchain, a leading-edge custom proof-of-work hashing algorithm was innovatively developed and implemented. The X25X algorithm is a brand new algorithm best suited for GPU mining. It is also ASIC, FPGA, and Quantum resistant with the addition of SWIFFTX to the algorithm chain. Ultimately, the X25X hashing algorithm prevents large mining operations or farms from dominating the SINOVATE blockchain. It is praised for being a very secure, fair, decentralized, and highly accessible means by which to mine SIN coins.

The X25X is an excellent example of how SINOVATE is evolving blockchain technology.

ALGORITHM COMPARISION CHART

	x11	x16R	x22i	x25X
No Of Chained Algoritms	11	16	22	25
Ram Usage Per Nounce	64	64	256	1536
FPGA / ASIC Resistance	✗	✗	✓	✓
Quantum Resistance	✗	✗	✓	✓
Ongoing Development	✗	✓	✓	✓

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3.2 PROOF OF BURN

Infinity Nodes implements the Proof of Burn (POB) mechanism, which by definition, provides Blockchain network validity by ensuring that all participating nodes reach consensus. In SINOVATE's case, POB secures the network still further, by forcing bad actors to think twice before attempting to carry out malicious activities. SIN coins must be sent to a non-spendable address to initiate the burn process.

Infinity Nodes have an operational lifespan of 12 months and must remain active for this entire duration to enable sustained network stability. POB provides this stability for future use cases such as I.D.S. (Incorruptible Data Storage), as a decreasing circulating supply will significantly lower sell pressure on investors and increase the value of their holdings, creating an all-round beneficial environment.

3.3 SINOVATE INFINITY NODES

A simple node is a wallet running on a user's device, relaying transactions, and keeping up to date with the blockchain.

Nodes are vital parts of the network and can be described as computers that work to ensure the integrity of a network. In this case, the network is that of the SINOVATE chain.
 SINOVATE's value comes from being dispersed across the globe, running on many nodes across borders and jurisdictions while hosting a replicated blockchain.

 Infinity node is, much like a node, supports and helps a cryptocurrency network through the form of a wallet that is continuously online and aids or adds services to the blockchain. The distributed ledger is replicated by the node owner, who is compensated for using their resources via SIN. They provide additional services above the proof-of-work layer and provide an alternative to earning cryptocurrency via mining to an owner.

When a user has a sufficient amount of coins, they can lock up their coins and configure a virtual hosted server that earns rewards for the contribution their node makes to the network. SINOVATE is proud to pioneer this groundbreaking technology, which successfully provides passive, annual income while concurrently decreasing inflation. Infinity Nodes are the evolution of Masternodes and aim to revolutionize current financial interest methods. Typically, Masternode[5], Proof of Stake (POS), and even Proof of Work (PoW) cryptocurrencies fail to address the obstacles involving high inflation and emission, leading to deflation of value.

SIN coins used to create nodes are burnt immediately. The Infinity Node system entirely removes coins from the SINOVATE Blockchain but are also rewarding node owners. Proof-of-Burn based Infinity Nodes significantly reduces emission levels, not seen with other Masternode or proof-of-work projects.

Unlike traditional Masternodes, Infinity Nodes and the coins that are set up for nodes are removed from the circulating supply to control inflation while continuing to support, validate, and secure the network. The incentive rate received is dependent on the number of Infinity Nodes.Similar to conventional Masternodes[6], the rewards are not distributed via a Ring Signature procedure and are instead calculated by average. For each block, the X25X algorithm finds the top 30 nodes spanning across each Infinity Node tier. One Big, Mid, and Little SIN Node must be found within this list, to initiate the rewarding process.

For instance, should no Mid SIN Infinity Node be found, all rewards relating to that block are undistributed and permanently burnt.

All Infinity Nodes have a theoretical life of 12 months up until they are removed from the node count to control the inflation in the number of nodes. Node payments are received every day, for one year.

At the end of the Infinity Node's locked up period, the nodes vanish forever.

For full transparency, burnt coins are sent to the address below in the process of burn:

SinBurnAddress123456789SuqaXbx3AMC (Never send funds directly to this address)

	Big SIN	Mid SIN	Lil SIN
Max. Infinity Nodes Proportions	375	375	375
Number of Coins Locked	375	187,5	37,5
% in Locked Coin Population (600M Coin Locked)	58.33%	29.17%	5.83%
Number of nodes created if proportions respected			
500M	292	292	292
450M	263	263	263
400M	233	233	233
300M	175	175	175

58.33%

29.17% 5.83%

3.4 INFINITY NODES TIERS & REWARDS DISTRIBUTION

- There are three tiers for Infinity Nodes
- 100K for Little, 160 SIN from block rewards
- 500K for Mid, 838 SIN rewards
- 1.000K for Big, 1752 SIN from block rewards
- 10K collateral required to operate and generate rewards

SIN NODES REWARDS DISTRIBUTION

Nodes	Rewards	Bonus	Total Rewards	Bonus %
Little SIN	160	✕	160	✕
Mid SIN	800	38	838	4,75%
Big SIN	1600	152	1752	9,50%

4. PRODUCTS & SERVICES

I.D.S. is a revolutionary Private Networking mechanism, designed to allow users to store files for future retrieval and verification and send encrypted files to one another anonymously. It also allows private messaging between users, using the SINOVATE chain to guarantee security and prevent censorship. Users can choose the level of encryption they need, from 256 to 1024 bits. I.D.S. has five steps of data storage and sending, starting with 1.5 MB at level 1 to unlimited storage at Level 5. I.D.S. level 5 encourages enterprises to move away from expensive data centers in the future.[7]

MULTI-TIERED INFINITY NODES

	PoW	Little SIN	Mid SIN	Big SIN
Layer 1 PoW	✓			
IDS		✓	✓	✓
FlashSend		✓	✓	✓
ShadowSend		✓	✓	✓
RSV		✓	✓	✓

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4.1 IDS PROTOCOL

Private Networking
Incorruptible Data Storage (IDS)

4.1.1 DataStore

DataStore allows users to store digital documentation or data, timestamped with metadata, and secured by the incorruptible SIN Blockchain.
With the data stored and secured, at any time, a local copy of the document or data can be compared with that stored in the Blockchain. SINOVATE cryptography and the Blockchain provide the underlying trust and empirical truth to enable the data stored to be validated.

4.1.2 DataSend

Using the same technology and the underlying I.D.S. protocol also allows users to send data and documentation to each other using the trusted and secure SINOVATE Blockchain to guarantee the validity of the data.
Following unique benefits:

- Increased security of personal information.
- Data control back in the hands of users and recipients, with no additional storage costs.
- Privacy of data. This is paramount in the face of Facebook, Google, and other data hacks and misuse.
- Alleviation of hacking and disruptions that centralized databases are prone to experience.

- I.D.S. DataSend Level 1 will allow up to 1.5 MB of encrypted documents between the two parties.
- I.D.S. Level 5 will allow unlimited send and unlimited storage.

Private Networking
Incorruptible Data Storage (IDS)

4.2 PROOF OF INTEGRITY

In addition to sending and storing data files on the blockchain, the I.D.S feature makes it possible for users to prove the integrity of that data. Private individuals, corporations, and governments need to be sure that the data they receive is genuine. SINOVATE will utilize proof-of-integrity to solve this problem. For example, when Alice decides to send data to Bob, Alice must create a new transaction type TX_BURN_DATA. This transaction is then included in a subsequently mined block and saved in the main SIN blockchain.

1. <PublicKey of Bob> ⇒ this is known by Alice (required to send data to Bob)
2. <OP_RETURN> ⇒ the number of SIN coins committed to the transaction will be burnt. The amount transacted is dependent on how long Infinity Nodes will store the data and which Infinity Node layer is chosen (LIL, MID, BIG)
3. <SMALLDATA> ⇒ the hash of the data file (used as proof-of-integrity)

In summary, when the transaction and data file are sent from within a user's wallet interface, they are both broadcast to the network. The hash data file is stored on the blockchain, and the actual data is saved on the chosen Infinity Node layer. It is the immutability of the hash data file that proves that no-one is authorized to change it, and the data sent from Alice to Bob is authentic, whole, and trusted.

SINOVATE DOCUMENT VERIFICATION S.D.V.

A blockchain is a public ledger used to record all the transactions in a decentralized manner rather than using a physical ledger or a centralized database. While blockchain technology

was first implemented as a currency, its use cases and functionalities have evolved to include activities such as trading, file storage, payment services, identity management, financial exchanges, medical records management, education, and much more.

Sadly, in today's environment, false documents are pandemic and can be readily available around the globe. As the fraudulent documents precisely look like the originals, it is cumbersome for the layman to identify the real and duplicate. The issuing institutions face increasing demand for legitimate copies to verify the documents of candidates as originals hard to prove.

Blockchain can significantly aid this area with its unique properties of storage of data combined with the ability to timestamp said data, and with the public/private key cryptography to control access and verify, it can be used for decentralized document verification.

Since document verification is joint in every step of life, whether a birth, marriage, court proceedings, employment purposes, official letter, or any new uses, it can be adequately done by the SIN blockchain.
Using SINOVATE's I.D.S. platform, a user can safely store a document on the SIN network and control access or send it to other users securely. The document is stored encrypted with the user able to compare a local copy with that stored in the blockchain, verifying the authenticity of the document.

How it works:
Think an institution has decided to store its certificates on blockchain for safety, availability, and authenticity purposes. The first mark is converting the document to a one-way cryptographical hash provided by SINOVATE, and the hash code is then saved in the SIN blockchain. The one-way cryptographical hash code serves as a copy of the document, and the string of code performs as the proof of the document. When the owner grants this document elsewhere, the code remains the same as saved in the blockchain. If the cryptographical hash matches the details stored on SIN blockchain by the institution, the certificates produced are genuine. If the documents are modified in any way, they do not match. For example, a single pixel changed on a signature would produce an invalid match.

S.D.V. (SINOVATE Document Verification) works hand in hand with SINOVATE's I.D.S. (Incorruptible Data Storage) and DataSend, combining these features provides users a reliable and secure system they can rely on for complete trust-less documentation.

4.3 R.S.V. Revolving Sovereignty Votes

Decentralized governance is the future of any successful Blockchain project. SINOVATE believes that Blockchain is ubiquitous in the underlying infrastructure and services in the future of everyday life. Having fair voting for developments, marketing, and innovations of the SINOVATE chain is vital for everyone.

SIN node owners can participate in the voting for the life of their nodes, which is 365 days, so users who wish to continue gaining interest while having a right to vote must have a SIN node.
Revolving Sovereignty Votes (R.S.V.) is backed by Infinity Nodes, so after the first 12 months cycle, the nodes and the votes are revolving for low emissions and fair voting.

Infinity Nodes contain an enhanced E-Governance system designed to put power in the hands of its users, in the form of revolving votes.

These replace the traditional voting system and are dependent on the lifespan of nodes. Revolving Sovereignty Votes(RSV) allow for the most decentralized E-Governance voting system. In other words, community members who wish to vote must continue to own a node whenever their maturity date finishes.

Revolving **Sovereignty** Votes

4.4 SIN SYSTEM ECONOMY

SINOVATE philosophy is to encourage reward growth in the Blockchain space and build the economy of the system with that in mind. Inflation is an issue that faces many other projects which use Proof-of-Stake, Proof-of-Work, or Masternode systems.

The bloated emission rates of many other Masternode projects, drive down the price of the coin or token, which leads to ever decreasing rewards for investors.

Our goal is to create a deflationary system using Infinity Nodes to revolutionize Masternode Technology. SINOVATE's unique burn mechanisms ensure that inflation is kept firmly regulated.

SINOVATE sets itself aside from ordinary split Proof-of-Work/Masternode systems, while seeking to create continuous growth, volume and exposure together with controlled inflation.

Also, big sell scenarios from wallets containing significant holdings are mitigated mainly, if these SIN coins are locked into Infinity Nodes and earning interest.

High node count equates to reduced rewards, with fewer coins in circulation impacting the selling pressure of SIN coins positively in the long run. Conversely, less locked in nodes means higher interest for a short period. Should all Infinity Node tiers reach maximum capacity,, the growth of SIN is likely to be significantly impacted upwardly.

Significant benefits offered by Infinity Nodes are designed to encourage investment and, therefore, increase the quantity of locked in nodes that secure the network, enabling swift and secure functionality as well as for future features such as I.D.S. to be implemented seamlessly. SINOVATE positions itself as the Masternode orientated cryptocurrency, which consistently integrates the highest number of nodes locked into its system. Incorruptible Data Storage and Encrypted Unlimited Data are amongst the critical innovations offered by SINOVATE, with the ultimate goal of mass adoption amongst the layman, merchants, and service providers alike.

How it works:

Infinity Nodes are designed to reward both early and late adopters. As the Blockchain grows and more users join, a higher quantity of fees is burnt through daily use. Fees are kept reasonable for regular use. The increased transactions in the network vanish through the burning of fees and locking up of Infinity Nodes, creating controlled inflation.

SIN system economy leads to a positive feedback loop that aids SINOVATE's growth and development while rewarding node holders, miners, investors, and daily users.

4.5 INFINITY NODES SECURITY & ANONYMITY

Infinity Nodes are chosen to process the FlashSend transactions using a pseudo-random ordering based on an algorithm, utilizing the hash from each block. The proof-of-work mining network thus provides the underlying security as with each new block, a different set of nodes is selected. This group is comprised of a selection of ten ranked nodes.

FlashSend

4.5.1 What is FlashSend?

Over the last decade, code development has resulted in improvements in how Blockchain Technology functions. Innovations have been introduced, which have increased the security, reliability, and efficiency of sending transactions via a decentralized and trustless network. FlashSend is a feature of the SINOVATE Blockchain that enables wallet users to send SIN in a matter of seconds (less than 2 seconds). It utilizes two elements of the network protocol, transaction locking, and Infinity Node consensus, to facilitate instantaneous transactions. With such rapid transfers, many additional use cases come into view. High-speed micro and mobile payments use become obvious.

FlashSend outperforms similar features on other Blockchains due to the high capacity, scalable nature of the SIN network. SINOVATE achieves 533 transactions per second, much faster than a previous proof of work iterations. SINOVATE blockchain structure delivers up to 75 times more scalability than Bitcoin and significantly faster. Current ongoing development aims for much-increased scalability in the future of the SIN Blockchain.

4.5.2 Why is FlashSend necessary?

As discussed above, transactions get confirmed by miners who direct processing power to find block hashes successfully. They then receive a reward as an incentive. If there are too many transactions processed, the time that is taken to find the next block can take minutes, or even hours. By paying a higher fee to transact in this situation, FlashSend can be used to transfer SIN instantly and irreversibly by using Infinity Nodes.

Infinity Nodes assures double-spend protection that acts as observers and giving them higher authority regarding FlashSend transactions, in a manner that does not result in high transaction fees. It allows merchants to use mobile devices instead of traditional centralized point of sale (PoS) systems, to settle commerce face-to-face without the inconvenience of waiting too long.
No central authority is required to observe or validate transactions, and FlashSend has an initial limit of 10,000 coins per transaction for micropayment functionality.

5. DEVELOPMENT PROGRESS

SINOVATE's evolution initially depends on user growth generation. The platform is designed to scale rapidly under the influence of demand-side economies of scale and cross-side network effects. We intend to utilize the scaling potential and increasing the volume of transactions to develop features further to enhance the user's experience. Moreover, we aim to expand our business model in terms of integrating with partners and connecting different ecosystems in one.

5.1 INNOVATION

Our big team of talented developers aims to lead innovation in the space with ever-evolving unique features. For instance, the innovation of the "time-lock" interest feature of SUQA has evolved into the concept of Infinity Nodes with their distinct coin burn mechanism; it brings significant improvements in Masternode security and Blockchain economy.

Sandbox environments are used for testing ideas and new features. Our testnets and sandboxes can simulate market and network conditions to aid monitoring and improving the primary SIN protocol. Several further innovations are under development, such as InfiniteChain, Deterministic Infinity Nodes, R.S.V. Infinity Nodes based DAO creation.

5.2 EXPERIENCE

SINOVATE builds on the work completed by Satoshi Nakamoto with its vast team of developers across the globe. We thank them, and as part of the SINOVATE development strategy, it would be unwise not to continue to learn lessons from the close to 20,000 commits (at the time of writing) on the open-source Bitcoin GitHub.

The team draws on experience from an extensive background of roles and continually keeps up to date with innovations in the broader crypto space. It is a vital objective of this strand to assess the developments of our friends, colleagues, and partners in other projects.

SINOVATE aims to leverage the support and development of Bitcoin and other open-source projects if they add significant value to SINOVATE Technology.

SINOVATE Github has achieved more than 400 commits starting from the genesis block one year ago active with multiple daily commits.

SINOVATE Blockchain has 750.000 installed, 27.000 daily active wallets reaching 7.8 million total transactions in a year.

6. SINOVATE USE CASES

There are many examples of how the SINOVATE Blockchain could be used in industries across a broad spectrum of fields. Adopting the unique features of Blockchain combined with the ability to store, send, and retrieve documentation securely is a powerful addition to the SINOVATE set of features.

It can be used in conjunction with legacy systems and processes to bring cutting edge technology to many businesses, sectors, and individual users. Documents stored and sent with SINOVATE are time stamped. At any point, a user can compare a local copy of documentation stored on the Blockchain through cryptography to prove it existed at a point in time. It allows users to sign documents using their SIN address as an identity digitally.

Document storage has proven challenging to implement with other Blockchain projects due to the latency in storing and retrieving documents. The SINOVATE chain, with its low latency, 533 Tx's, can improve on previous iterations.

Data and documentation are stored in a decentralized manner across the SINOVATE Blockchain, meaning that the documents and data stored provide a source of truth that is incorruptible and immutable:

- SINOVATE Finance Solution
- SINOVATE Medical use and privacy
- SINOVATE Insurance
- Government
- SINOVATE Education
- Go Green, Go SINOVATE

Detailed information on use cases will be available in Whitepaper v3 XXL.

7. BUSINESS STRATEGY

SINOVATE platform needs to be economically sustainable for long term growth and viability. The business strategy is to provide a user-intuitive platform where users can enjoy, research, and implement the Blockchain solution and cryptocurrency into their daily lives. It will be accomplished by acting upon the community's issues/hassles when needed and by offering a large selection of features and solutions to them.

At SINOVATE, there is immense potential for future growth within the cryptocurrency market. In March 2017, the estimated number of cryptocurrency users was between 2.9 and 5.8 million. Since then, proportional to the market price of Bitcoin, the number of cryptocurrency users has grown exponentially and is projected to exceed 200 million active users by 2024, driven by increased mainstream and institutional adoption.

SINOVATE aims to act upon this opportunity while the market is still in its infancy by catering our products and services to beginner and advanced users to attract corporate and institutional investors due to our core focus on security, integrity, and regulatory compliance.

SINOVATE is not here for the hype, SINOVATE is here to stay, this has to do with our belief in the world of cryptocurrencies. We see the rising demand and need for Blockchain Technology, and are ready to expand on this further, help people implement it, and educate them.

7.1 MARKETING STRATEGY

Our first and already completed step is the launch of our web portal. According to our research, 70–80% of the marketing campaigns are through information distribution channels, and the company's website embodies 80- 90% of this information load.

Therefore, SINOVATE has devoted its resources to the creation of a web portal that is not only beautifully designed and well organized, but also complete with full details about the possibilities of SINOVATE. It contains core information about our team structure, the ideology behind SINOVATE, schedules, communication channels, and all other details that are necessary for our users.

Social media use and digital marketing are swiftly increasing, primarily through the use of mobile devices. SINOVATE team is renowned for its activeness on all mediums regularly by the wide variety of its team members from all over the world.

Above all, SIN team values transparency and honesty, so it is essential to us that critics, end-users, contributors, and investors have access to the clear information.

7.2 FINANCIAL CLARIFICATION & TRANSPARENCY

A culture of transparency has led to colossal support. SINOVATE is a free, open-source project that is built by expert Blockchain developers. Support has been proliferating in our community of Blockchain enthusiasts, which spans the globe. Our governance model is also crucial to transparency as anyone can now view the outcome of voting events to shape the future of our ecosystem. This way, we have established a democratic system that fits the needs of most, and by doing so, we believe that it will have the most impact on Blockchain Technology and its users.

SINOVATE is notable for being one of the most transparent cryptocurrencies by sharing every single detail with the community. SIN provisions a 10% Developer Fee from the block

rewards. Developer Fee is used for further development to maintain the ecosystem and to invest in the solution to the problems which are experienced in real life.

We believe that a blockchain project can not be successful without sufficient funds.

In order to grow as a platform, financial clarification is essential; here is ours.

Financial Articles

Development Wallet

More detailed Financial information will be released with White paper V3 XXL.

7.3 MILESTONES

Milestone 1 in year 2019

The first milestone see the rebrand and release of the Infinity Node architecture and lays down the core infrastructure to allow additional features and capabilities. The Infinity Node layer is integrated into the PoW Blockchain. It is one of the first innovations with data stored

within coin transaction data and secured into the SIN network. P2P File sharing between Infinity Nodes and miners will be enabled in the year 2020.

Features enabled and will be enabled:

- Infinity Nodes
- FlashSend
- IDS (DataStore-DataSend)
- X25X Algorithm
- RSV Voting
- Heritage (inheritance,Legacy)
- B-Mail(Blockchain Mail)
- InfiniteChain

7.4 SWOT ANALYSIS

SWOT

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Strenghts

Confirmed experience in the blockchain area.

Experienced big team and advisor.
(with documented track record)

Carefully developed model and budget draft.

Experience in IT and strong technological support.

Our wide range of use cases.

Weakness

Low capital budget.

Young business.

Need of more stronger community.

Opportunities

Cryptocurrency market has potential to grow much more.
Currently, it is still very small comparing to the money and
capital market in the global economy.

A prospective market area: Blockchain, Medicine,Finance and
many more.

Educating people on cryptocurrencies and their possibilities.

Innovating the blockchain technology and its implementation.

Threats

Market response to projects related to
new technologies.

The reliability of the cryptocurrency has not been
accepted by all countries in the world.

The uncertainty of goverment opinion
towards cryptocurrency.

7.5 ROADMAP

December

- Trezor and Ledger wallet integration (Trezor prior to Ledger).

- Updated SINOVATE Mainnet wallet release (completed by December 2019)

- SIN transaction fees increased (fees burnt to lower coin emission)

- Mobile wallet releases for Android and iOS devices
  (completed by December 2019).

- Financial Statements.

- Weekly and Monthly Reports

- SINOVATE Whitepaper V3 XXL (120+ pages) publication.

Q1

- Deterministic Infinity Node infrastructure established - Double run in mainnet.

- Add deterministic Infinity Node list and rewards.

- Deterministic Infinity Node Technical Whitepaper publication.

- InfiniteChain and I.D.S Evolution Technical Whitepaper publication.

- SINOVATE addition to a major exchange.

- Financial Statements.

- Weekly and Monthly Reports.

- Blockchain Istanbul Summit (late February 2020).

- Quarterly AMA Streaming and Youtube Podcasts.

ROADMAP

May

- Initial Burn Offering (IBO) released from SINOVATE Blockchain.

- A maximum of 135 million SIN coins burnt.

- Proof of Concept.

Q2

- Big Data Revolution via the utilization of Infinity Nodes

- Step 1: Incorruptible Data Storage (I.D.S).
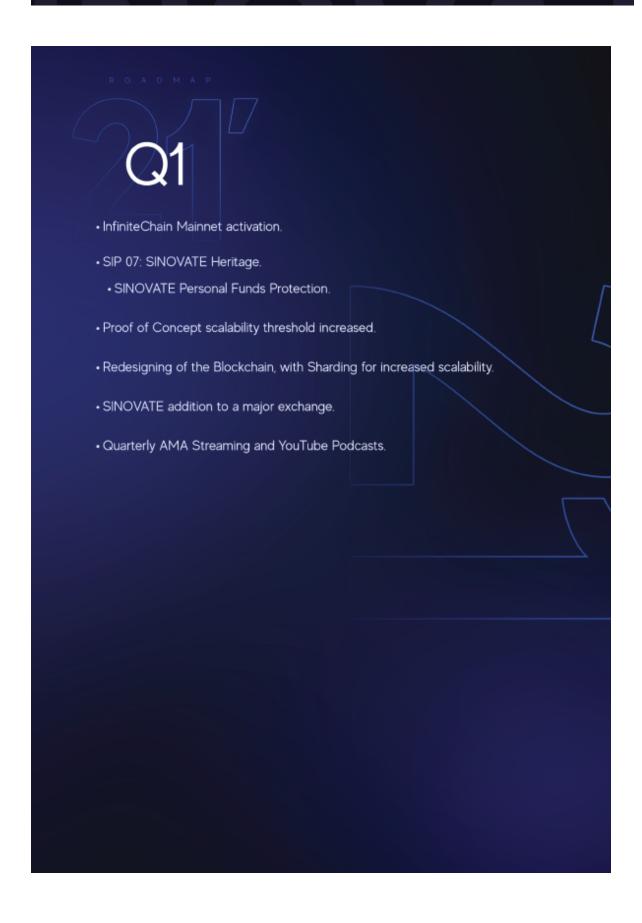
- Add feature for sending data with SIN coin transactions
  (similar data 'format' to Bitcoin). Data can be saved in a SIN node and
  is limited to small-sized documents (i.e., SMS or text. Blockchain Mail (B-Mail)
  initially introduced and implemented).

- R.S.V. E-Governance implementation (Infinity Node-based DAO creation).
  Annually Revolving Voting via Infinity Nodes for SIN Governance.

- Schnorr signatures addition

- SIP 06: X27MH (MemoryHard) or RANDOMX flavored GPU mining,
  shielded by the new and unique, exceedingly power-efficient custom,
  Memory Intensive, ASIC, FPGA, Quantum Resistant Algorithm.

- Node rewards and tier node limits reduced for lower coin emission.

- 1200 maximum node count with four tiers
  (each tier permitting a maximum of 300 nodes).

- Financial Statements.

- Weekly and Monthly Reports.

- SINOVATE addition to a major exchange.

- Quarterly AMA Streaming and Youtube Podcasts.

R O A D M A P

Q3

- Quarterly AMA Streaming and YouTube Podcasts.

- SINOVATE 2nd Anniversary (Meetup or Summit Participation)

- Financial Statements.

- Weekly and Monthly Reports.

- SINOVATE addition to a major exchange.

R O A D M A P

Q4

- Step 2: Incorruptible Data Storage (I.D.S) Blockchain Mail (B-Mail).

- Add feature for sending all types of data with SIN coin transactions (i.e., voice and video files).

- Quarterly AMA Streaming and Youtube Podcasts.

- Financial Statements.

- Weekly and Monthly Reports.

ROADMAP

Q1 21'

- InfiniteChain Mainnet activation.

- SIP 07: SINOVATE Heritage.

  - SINOVATE Personal Funds Protection.

- Proof of Concept scalability threshold increased.

- Redesigning of the Blockchain, with Sharding for increased scalability.

- SINOVATE addition to a major exchange.

- Quarterly AMA Streaming and YouTube Podcasts.

ROADMAP

Q3

- Step 5: Incorruptible Data Storage (I.D.S):
    - Network capacity increased (Infrastructure).

- Streamline the process of adding new SIN node types to the network.

- SINOVATE addition to a major exchange.

- Quarterly AMA Streaming and YouTube Podcast

ROADMAP

Q2

- Step 6: Incorruptible Data Storage (I.D.S):

    - Unlimited Incorruptible Data Storage.

    - The final evolution of the I.D.S feature.

    - Enterprises have a superior solution for storing big and valuable data rather than relying on big centralized data centers.

    - Step 5: Peer to Peer Private Networking:

- Small and medium-sized enterprises to profit from the network:

    - Direct online markets.

    - Unlimited storage capacity.

- Build Private Nodes or Mix with community nodes.

- SINOVATE addition to a major exchange.

- Quarterly AMA Streaming and Youtube Podcasts.

ROADMAP

Q4

- BIG DATA Blockchain Revolution.
- First masternode revolution of Infinity Nodes.
- Step 3: Incorruptible Data Storage (I.D.S):
- Network capacity increased (Infrastructure).
- Third InfiniteChain.
- Step 4: Incorruptible Data Storage (I.D.S):
    - Build Apps.
    - New concept.
    - Digital market.
    - Storage market.
    - Analyze Concept/Possibility to Build/Run the "Contract" in SIN node.
    - Time-Lockable Asset Creation / SideChain solution.
    - Further increase in storage capacity.
- SINOVATE addition to a major exchange.
- Quarterly AMA Streaming and Youtube Podcasts.

Detailed information regarding the Roadmap will be available on Whitepaper v3 XXL and on Roadmap v3, which shows innovations until 2023.

7.6 SINOVATE TEAM

Management

Tamer Dağlı (Cryplander)
CEO
Founder

Pallas
CTO
Co-Founder

XuânTân NGUYEN
Lead Developer
Big Data Specialist
Co-Founder

Development

Samet Baştürk
Lead Web Developer

Volkan Aydın
Creative Director

Dimitri Kats
Video Guru

M.Atıf Karaoğul (Hardwarewise)
Qt Design & Development
Technical Advisor

BEET
Core Developer

MIP
Blockchain Developer

Huseyin Biyik
Technical Advisor
Developer

Technical Advisors

Rémy BONNIEU
Quality Manager
French Ambassador

Nicolas Brulez
Technical Advisor

Eugeny Kuzakov
Technical Advisor
Pool Operator

Anton Aleinikov (Ctopudoff)
Technical Advisor

Mark Hill
Technical Advisor

Akin GUL (HeueysaJuaust)
Technical Consultant Manager

Girand CK (Ninja97)
Technical Advisor

Blockchain Advisors

Quentin Herbrecht
Blockchain Advisor

Izzy Crypto
Blockchain Advisor
Content Creator

Nick Moore
CX Analyst
Blockchain SME

Baris Ertül
Advisor

Amit Kaushal
Blockchain Advisor
Content Creator

Marketing - Social Media

Nick (Viridis)
Russian Marketing,
Community Manager

Edward Alexander
Marketing,
Community Coordinator

CoachCryptos
Social Media,
Marketing Advisor

Aydin Genc (TReXuS)
Marketing Manager

Lori Brown
Content Writer

Christopher P. Thompson
Author & Content Creator

Denis Knotko
Russian Content Creator

Ambassadors

Nicholaus Kliesen
North American Community Manager

Vladimir Fredd
Russian Ambassador

Aleksandr (LarriNavkin)
Russian Ambassador

Clinton
*Community Manager
for the African Region*

Sofya Geller
*Marketing,
Russian Ambassador*

Hasan Açıkgöz
*Marketing,
Turkish Ambassador*

Misa
Vietnam Ambassador

Andry R (Panoramx)
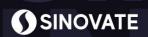*Malagasy Ambassador*

Imasy Ramampy
African Ambassador

Tim Adams
American Ambassador

Zeus
Greek Ambassador

Antonio
Brazilian Ambassador

7.7 SINOVATE MINING

The efficiency and reduced heat profile of the X25X algorithm aids miners and proves that mining operations do not have to maximize power consumption and heat output to compete and to be ASIC/FPGA/Quantum resistant. For larger miners, this can mean more effortless scalability with less cooling and ventilation requirements.

7.7.1 Blockchain specifications and Block rewards;

Block Time: 2 minutes

Max Block Size: 16mb

Max transactions per second: 533 Tx/s
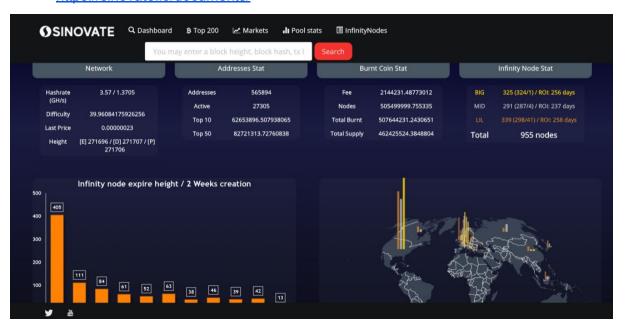
Difficulty Retarget Algorithm: LWMA

Total Supply: Approx.2.5 billion after 20 years

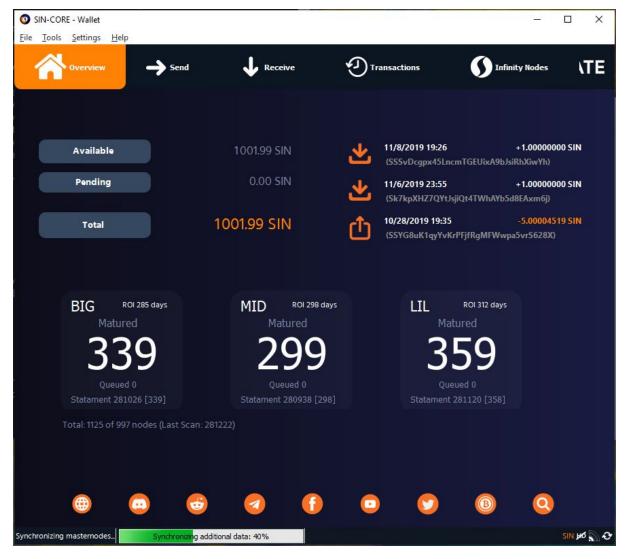| Block Number	Infinity Node	PoW	Treasury
262,000 to 500,000	2750	25	+10%
500,001 to 1,000,000	2750	12.5	+10%
1,000,001 to 1,500,000	2750	6.25	+10%
1,500,001 to 5,000,000	2750	6.25	+10%

SINOVATE
CREATE ● BUILD ● INNOVATE

7.7.2 MINERS & POOLS

- [Official Pool](#)
- [T-rex Nvidia(Cuda) GPU Miner](#)
- [FancyX AMD(OpenCl) GPU Miner](#)
- [Wildrig AMD(OpenCl) GPU Miner](#)
- https://sinovate.io/documents/article/mining-guide/
- https://sinovate.io/documents/

[Explorer](#)

SIN Wallets and SIN Wallet setup Guide

7.8 MARKETING CHANNELS & PLATFORMS

Brand awareness and community building are the most important aspects of transparency. It opposes any potential uncertainty users may have with the SINOVATE currency & platform.

To build awareness around the brand and to put the project on the radar, the SIN team actively participates in these platforms and generates a presence among users. This activeness enables establishing a great relationship with our community and by doing so, makes SINOVATE the most user-friendly platform within the crypto sphere. SINOVATE's team can be considered one of the most active across all channels, providing 24-hour support regularly.

Website Discord . Telegram . Bitcointalk . Twitter . Facebook .Linkedin. Team.YouTube. Reddit.Instagram.

Telegram Rus - Telegram Africa - Telegram Espanol - Telegram French - Telegram Japanese - Telegram Italian - Telegram Turkish - Telegram Vietnamese - Telegram-Persian

7.9 References

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[*] https://www.blockchainexpert.uk/blog/document-verification-using-blockchain