

The background is a dark, textured space filled with abstract geometric elements. In the upper left, there's a cluster of interconnected points forming a network. A golden pyramid with a circuit-like pattern on its face is positioned in the upper center. To the right, a circular graphic with a dashed line and a solid line is visible. The lower half of the image features a large, glowing, multi-faceted golden structure that resembles a complex crystal or a network node, with a dense web of lines and points at its base. The overall aesthetic is futuristic and technological.

Bitcoin Latinum

The Future Of Bitcoin

Litepaper

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www.bitcoinLatinum.com

Abstract

Bitcoin Latinum is a next-generation cryptocurrency, hard-fork from Bitcoin, which utilizes an energy-efficient consensus mechanism, more secure, and makes the network highly scalable and faster.

Forged from the brilliant mind of Satoshi Nakamoto, Bitcoin forever revolutionized cryptocurrency and digital assets, redefining the global financial system.

The original Bitcoin network was designed as a peer-to-peer payment system allowing people to transfer value without intermediaries such as payment processors or banks. As Bitcoin gained popularity its performance bottleneck became evident due to its architecture and design.

Enter Bitcoin Latinum, the next evolution of Bitcoin

Inspired by Nakamoto, Bitcoin Latinum (LTNM) is a next-generation Bitcoin hard-fork capable of massive transaction volume, digital asset management, cybersecurity, and transaction capacity.

Bitcoin Latinum is engineered with five core elements: An energy-efficient Consensus algorithm, faster transactions, and a lower latency network, security and Insurance, community government, and future-enablement - making the network scalable and sustainable.

Bitcoin

Nakamoto's vision of creating a P2P Electronic Cash¹ System led to the birth of Bitcoin¹ as a payment system to be used like cash for daily payments. Along with a new digital currency, Bitcoin introduced the first use-case of blockchain technology. This development led to the creation of smart contracts, decentralized finance, and other unprecedented innovations.

Hailed as a revolutionary concept, Bitcoin was branded as the "people's money." The digital currency allowed users to break free from the control of banks and traditional financial institutions. As the network grew, cracks began to appear in Bitcoin's architecture. The currency's Proof of Work² (PoW) consensus mechanism for confirming payments struggled with speed issues, mounting transaction fees, and ballooning resource requirements.

Proof Of Work (PoW)

The consensus protocol is a key component of any blockchain. It determines how securely and quickly blockchain validators reach a consensus on the next block.

Since its incorporation with Bitcoin, The PoW protocol has proven to be a robust system. However, despite being a trusted and secure consensus mechanism, PoW is considered a computation-intensive process.

With the increase in Bitcoin's value³, more validators began to join the network, thus increasing the mining-related energy consumption. For example, a single Bitcoin transaction consumes enough energy to Power over nine family homes in the United

States for 24 hours.

These issues further exacerbated network delays and protracted the validator agreement process. What started as a trustworthy consensus algorithm turned into a Power-hungry system that compounds energy consumption demands as long as the network keeps growing indefinitely.

These problems make Bitcoin unsustainable and unscalable, driving users away from the blockchain.

Issues with Bitcoin PoW

Bitcoin introduced the first functioning concept of crypto-based blockchain networks to the world. While being a successful technological advancement, it is not without its unpleasant attributes. For one, Bitcoin's consensus mechanism Proof of Work isn't energy-efficient, which makes the whole network harmful to the environment. Additionally, the heavy reliance of PoW algorithm on electricity keeps it open to 51% attacks because miners often resort to places with low electricity cost.

Furthermore, miners on the Bitcoin network achieve PoW consensus by solving a difficult cryptographic puzzle. With each halving that occurs on the blockchain, it gets more difficult for mining machines to solve this puzzle. As mining difficulty increases with time, it only proves that Bitcoin's PoW concept is gradually moving towards eventual self-destruction.

Fluctuating, High fees

The block size of Bitcoin is 1 MB, which is too small for a large network that processes approximately hundreds of transactions a minute. Usually, the number of transactions waiting to confirm exceeds the block's limit. Miners take advantage of the situation and choose to validate transactions with the highest fee.

Increasing Energy Consumption

Miners in the Bitcoin network are always competing by solving computational puzzles, which results in a large dissipation of electricity and computing Power.

While Bitcoin is a digital form of currency, meaning there is no paper involved and trees are saved, the irony is that the Power source for that digital nature has a very real effect on the environment anyway.

Transaction Speed and Scalability

With the growth of the Bitcoin network, its scalability issue⁵ has been exposed. It has been reported⁶ that Bitcoin can facilitate a maximum of 7 transactions per second, while Visa can achieve close to 24,000+ transactions per second.

Prone to 51% Attack

While being a distributed ledger that is spread across the world, Bitcoin is still prone to attacks if miners are able to control the majority of the hash rate, which can cause a network disruption. As discussed above, since Bitcoin's PoW uses electricity, it can create an unnecessarily concentrated locus of energy for the network. This centralization of the PoW process makes Bitcoin and every other network using PoW mechanism prone to 51% attack.

Next Generation Bitcoin

Bitcoin Latinum (LTNM) is a bitcoin hard fork, which aims to carry forward Satoshi's idea of making Bitcoin a bankless and peer-to-peer electronic cash system.

Based on the source code, protocol, and algorithm of Bitcoin, it is an open architecture cryptocurrency technology project capable of handling large transaction volumes, cybersecurity, and digital asset management. The goal is to enhance the Bitcoin code to operate with higher security, increased transactional speed, higher reliability, and lower transaction cost.

In addition, Bitcoin Latinum takes a groundbreaking green initiative to achieve a net-zero carbon footprint by deploying a PoWer-friendly Proof of Stake¹² (PoS) consensus algorithm. It is in accordance with the project's commitment to sustainable environmental practices and support of the Crypto Climate Accord. Besides, the PoS model allows Bitcoin Latinum (LTNM) holders to participate in and secure the network in exchange for rewards.

Furthermore, Bitcoin Latinum creates a decentralized financial network for efficient and secure digital asset transactions for media, gaming, cloud computing, and telecommunications.


Greener, Energy Efficient Consensus

Bitcoin Latinum uses an advanced version of Proof of Stake (PoS) mechanism to counter the inherent problems of PoW based networks. PoS mining enables LTNM holders to earn rewards for holding their coins as collateral to stake on the Bitcoin Latinum network. The mining incentives are proportional to the number of coins a staker holds.

Faster Transactions

Utilizing an efficient consensus mechanism, Bitcoin Latinum provides a much better on-chain payment network compared to Bitcoin. It immediately leads to reduced transaction size and increases in the transaction volume capability.

Bitcoin Latinum offers a highly scalable network that supports millions of transactions per day to facilitate retail transactions. Bitcoin Latinum also adopts a larger block size to ensure the network facilitates more transactions per minute at lower transaction fees.



Bitcoin Latinum reduces the cost of Bitcoin transactions from the average of multiple dollars to cents per transaction. This is achieved with a variety of mechanisms including the energy-efficient consensus protocol, approved node configuration, high-performance node interconnection, the larger block size for the network, and shorter confirmation.

Secure and Insured

Bitcoin Latinum nodes implement Workload Protection strategies to secure the network. All these nodes must meet network requirements to become a member of an "Approved Party" to access the consensus mechanism to further strengthen the ecosystem. Additionally, Bitcoin features a distributed transaction firewall to safeguard the network. Moreover, users are protected under a comprehensive insurance program that protects LTNM holders in case of internal collusion or external theft.



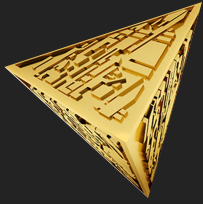
Community Governed

Bitcoin Latinum uses a representative government model to achieve true democracy in its ecosystem. It is done by allowing community members to participate in the governance mechanism of the protocol via staking model. The goal is to protect Bitcoin Latinum from 51% attacks that often expose potential crippling flaws in many existing protocols

Future-Enabled

The future of cryptocurrencies is decentralized finance. Bitcoin Latinum formulates a DeFi transaction network that facilitates secure and near-instant digital asset sales of Media, Cloud, and Gaming. The network has a PoS like consensus model that may allow token holders to participate in the network to earn a yield on their holdings.

Performance

	1st Generation	2nd Generation	3rd Generation
			
	BITCOIN BTC	ETHEREUM ETH	BITCOIN LATINUM LTNM
Transactions Per Second	3+ TPS	12+ TPS	10,000+ TPS*
Average Fee	\$22.57 USD**	\$19.55 USD^	\$0.1 USD*
Transaction Confirmation	10-60 MINUTES	10-20 SECONDS	1-3 SECONDS*
Energy Consumption Per Transaction	885+ KWH^^	102+ KWH^^	0.00015 KWH*

**Avg. BTC tx fee from 3/31/21-6/11/21 from <https://blockchair.com/bitcoin/charts/average-transaction-fee-usd?interval=3m>
 ^Avg. ETH tx fee from 3/31/21-6/11/21 from <https://blockchair.com/ethereum/charts/average-transaction-fee-usd?interval=3m>
 ^^From <https://ptvolts.com/sites/default/files/documents/sustainable-blockchain-PoWer-transition.pdf>.
 * Projected data for Bitcoin Latinum.

Team



Monsoon Blockchain Corporation is the prime developer of the Bitcoin Latinum Network on behalf of the Bitcoin Latinum Foundation.

<https://www.monsoonblockchaincorporation.com>

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Participant Warning


The Company makes no representation about the underlying value of the tokens on offer. Prospective participants must make their own assessment about whether the price of the tokens being offered represents fair value. Participant Warning Participation in a token sale carries high risks. It is highly speculative and before participating in any project about which information is given, prospective participants are strongly advised to seek appropriate professional advice; The information contained in this Whitepaper has been prepared by or on behalf of the Company. Bitcoin Latinum has not undertaken an independent review of the information contained in this Whitepaper.

Prominent Statements

The information contained in this Whitepaper about the proposed business opportunity is not intended to be the only information on which a decision is to be made and is not a substitute for a disclosure document or any other notice that may be required under the law. Detailed information may be needed to make a token participation decision; Prospective participants should be aware that no established market exists for the trading of any tokens that may be offered.

Future Statements

Except for historical information, there may be matters in this Whitepaper that are forward-looking statements. Such statements are only predictions and are subject to inherent risks and uncertainty. Forward-looking statements, which are based on assumptions and estimates and describe the Company's future plans, strategies, and expectations are generally identifiable by the use of the words ‘anticipate’, ‘will’, ‘believe’, ‘estimate’, ‘plan’, ‘expect’, ‘intend’, ‘seek’, or similar expressions. Participants are cautioned not to place undue reliance on forward-looking statements. By its nature, forward-looking information involves numerous assumptions, inherent risks, and uncertainties both general and specific that contribute to the possibility those predictions, forecasts, projections, and other forward-looking statements will not occur. Those risks and uncertainties include factors and risks specific to the industry in which the Company operates as well as general economic conditions. Actual performance or events may be materially different from those expressed or implied in those statements. All forward-looking statements attributable to the Company or persons acting on behalf of the Company



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Value Risks

Tokens issued by Bitcoin Latinum may drop substantially in value or may remain illiquid for long periods of time or indefinitely. Bitcoin Latinum cannot guarantee an active secondary market for the exchange of tokens purchased in the token sale. Not all disclosures or statements are being made in this disclaimer section.

Participants should review the token sale agreement in its entirety and seek the professional advice of legal counsel and investment professionals. LTNM tokens may change in value based on a number of factors that are outside our control. There is no guarantee or expectation that LTNM tokens will increase in value, provide a return, or have sufficient adoption and liquidity on exchanges. Owning these tokens does not constitute a share of equity or ownership in the company. The token economy is new and exciting. Regulatory circumstances may require that token mechanics be changed or altered. LTNM tokens do not have any rights, uses, purpose, attributes, functionalities, or features, express or implied, including, without limitation, any uses, purpose, attributes, functionalities, or features on the Bitcoin Latinum platform. The company does not guarantee and is not representing in any way to the buyer that the LTNM tokens have any rights, uses, purpose, attributes, functionalities, or features. LTNM tokens may have no value. The company reserves the right to refuse or cancel LTNM token purchase requests at any time at its sole discretion.

Not a Security

It is important to note that any tokens issued on Bitcoin Latinum's platform are not intended to be securities, and this document is not a prospectus, offering document, or a solicitation for investment in a share or equity offering. Tokens issued on our platform as referenced in this document do not confer any type of ownership or debt within Bitcoin Latinum's ecosystem. Tokens currently trading or issued in the future are non-refundable. Bitcoin Latinum will not guarantee any value, secondary market, or commitments to the value of such tokens. Buyers and owners shall participate in each economy at their sole risk.

Risk Statements

Purchasing LTNM tokens involves substantial risk and may lead to a loss of a substantial or entire amount of the money involved. Prior to purchasing LTNM tokens, you should carefully assess and take into account the risks, including those listed in any other documentation.

A purchaser should not purchase LTNM tokens for speculative or investment purposes. Purchasers should only purchase LTNM tokens if they fully understand the nature of the LTNM tokens and accept the risks inherent to the LTNM tokens.

Cryptographic tokens may be subject to expropriation and/or theft; hackers or other malicious groups or organizations may attempt to interfere with our system/network in various ways, including malware attacks, denial of service attacks, consensus-based attacks, Sybil attacks, smurfing, and spoofing which may result in the loss of your cryptographic tokens or the loss of your ability to access or control your cryptographic tokens. In such event, there may be no remedy, and holders of cryptographic tokens are not guaranteed any remedy, refund, or compensation.

The regulatory status of cryptographic tokens and digital assets is currently unsettled, varies among jurisdictions and subject to significant uncertainty. It is possible that in the future, certain laws, regulations, policies or rules relating to cryptographic tokens, digital assets, blockchain technology, or blockchain applications may be implemented which may directly or indirectly affect or restrict cryptographic token holders' right to acquire, own, hold, sell, convert, trade, or use cryptographic tokens.