BLOCKTON
WHITEPAPER

Scalable, fast, and secure
blockchain ecosystem

BLOCKTON

TABLE OF CONTANT

1. INTRODUCTION

Blockchain is an ever-growing space. From the very first blockchain that was introduced years ago, we have come miles ahead in terms of evolution and advancement in the blockchain space. Who would've thought that blockchain will grow to become one of the most innovative technologies in the world? It's now an industry where practically every company and professional wants to be. It's the present and the future of our world.

Right when you think that blockchain has achieved its highest potential, there comes a project that makes you rethink. There's just so much to happen in this space. Blockchain technology is open-source and everyone has an equal right to use it, experiment with it, and grow it to solve the world's problems. And believe me, there are so many problems still remaining to solve. One of these problems is the lack of an efficient, globally-accessible, cost-effective, cross-chain compatible, all-inclusive blockchain platform, where you can both develop new things, dApps, etc. as well as can buy and trade cryptocurrencies across different blockchains.

Enters BLOCKTON.

Blockton is a scalable, fast, and very secure blockchain ecosystem created as a Layer 7 Blockchain Platform on the Ethereum Virtual Machine. It is a PoW (proof of work) blockchain like Ethereum but

also supports staking and liquidity mining, thereby providing more ways for investors and participants to earn money. Developers may create scalable, usable dApps at a cheap cost very rapidly on the fully EVM-compliant Blockton platform. Blockton uses Proof of Work (PoW) to provide authentic decentralisation. This high-performance blockchain can easily handle 300,000+ transactions per second and still maintain high security for the network and user data. The average block time is 3.1 seconds. Also, the transaction fees on Blockton are very low and are likely to be kept so indefinitely.

2. MARKET ANALYSIS

Businesses, entrepreneurs, and governments all across the world have been paying growing attention to blockchain technology, the technology that powers cryptocurrencies like Bitcoin. In the years ahead, the market for distributed ledger technology is anticipated to expand rapidly due to its use across a variety of sectors, including finance, digital voting, security, supply chain, and healthcare. The market for blockchain technology was estimated to be worth USD 10.02 billion in 2022, and from 2023 to 2030, it is anticipated to increase at a CAGR of 87.7%. (Source: https://www.grandviewresearch.com/industry-analysis/blockchain-technology-market). The blockchain market is expanding as a result of factors including the growing demand for safe and

transparent transactions and the increased usage of blockchain across numerous sectors. It is anticipated that the regulation of cryptocurrencies in nations like El Salvador and Ukraine would open up new prospects for commercial expansion.

The COVID-19 pandemic has had an unprecedented and shattering impact on the world, and compared to pre-pandemic levels, demand for blockchain has been lower than expected across all regions throughout that time. Additionally, during the pandemic, the coronavirus had a big impact on digital ledger technology. However, things are taking a turn now. The market's major participants have made large investments and revised their digital strategies in anticipation of a post-pandemic rise in demand for digital ledger technology. The pandemic, as many are aware, has also expedited digital technology adoption throughout industries, from retail to government. To maintain corporate operations, every sector has moved toward digitization. Security and privacy concerns have increased across all industries with the increasing use of cloud services and Internet of Things devices. Blockchain technology has a significant potential for growing in popularity in the upcoming years since it provides many high-level security features & services, including identity protection, transparency in operations, and protection for crucial business records.

All in all, the blockchain and crypto market is on its way to

reaching the same (or even higher) levels as before the pandemic, which makes THIS the right time for both entrepreneurs and investors in the crypto space to get in the driver's seats to inspire innovation through their funds and/or innovative ideas. One such creative blockchain project and the idea that you'll find all about in this white paper are BLOCKTON.

3. PROBLEMS

Some of the traditional and blockchain/crypto space problems that the Blockton project intends to solve are as follows:

Inefficiency

One of the biggest challenges with blockchain platforms is their scalability. Blockchain systems have a limited capacity to process transactions, which can lead to slow transaction times, high transaction fees, and poor user experience. Blockchain platforms, especially those that use proof-of-work (PoW) consensus algorithms, can be very energy-intensive.

Low Speed

Low speed is a common issue with blockchain platforms, and it is largely due to the way that blockchain technology works. In a blockchain platform, each block typically contains a limited

number of transactions, and new blocks are added to the blockchain at regular intervals. This means that there is a delay between the time a transaction is submitted and the time it is added to the blockchain. The speed of a blockchain platform can also be impacted by the consensus mechanism it uses.

Low security

While blockchain technology is often touted for its security, there are certain vulnerabilities and risks that can compromise the security of a blockchain platform. For example, blockchain systems are often found prone to smart contract vulnerabilities and their security can also be reduced by human errors and centralised points of failure, which can open them to 51% and other attacks.

High fees

Blockchain platforms can have high fees for a variety of reasons, including network congestion, limited network capacity, high commission, poor design, high demand, and inefficient systems.

No cross-chain compatibility

The absence of cross-communication between different blockchains restricts the concept of a completely decentralised ecosystem owned and run by people. Users currently have to use numerous DEXs or platforms/dApps in order to trade different

tokens and digital assets, which is a significant step backwards.

4. SOLUTION (BLOCKTON)

We are developing a first-of-its-kind, Layer-7 Blockchain Platform that will be built on the Ethereum Virtual Machine (EVM) and will operate as an ecosystem consisting of DeFi, GameFi, NFTs and Metaverse, among other things.

With its unmatched speed, security, low cost, and dependability, the Blockton consensus protocol enables individuals to do transactions extremely fast and for incredibly low costs. Take a look at some of the core specifications of our blockchain ecosystem.

Near-instant Transfers

On Blockton, you can literally perform transactions at the speed of light. All transactions are completed in real-time and take no more than a few milliseconds. Not just that, you can now perform any large or small transactions, and send and receive money on the Blockton blockchain without having to pay high fees like other exchanges. Every single transaction costs not more than a few cents on Blockton.

Absolutely Secure

Blockton is a truly decentralized and first-of-its-kind trustless blockchain ecosystem that provides secure global access to a community-owned network that is made by the people, for the people. As a leaderless blockchain network, Blockton will not be owned or controlled by any single person, but it will remain distributed across thousands, if not millions, of Blockton validator nodes situated all around the world, which also reduces the risk of hacking or unauthorised access.

Highly Scalable

The Blockton blockchain network is created with scalability in mind. With its ability to easily scale or adapt itself based on the situation, the network can expand itself to include thousands of nodes, thereby allowing faster processing of more transactions per second. At its best, Blockton can handle more than 300,000 transactions every second.

Ethereum Compatible

Ethereum, as you may be aware, is the most popular and used blockchain platform out there. It is a public, open-source blockchain that is now used for building other blockchains and blockchain-based products such as dApps and DEX. Since Blockton is compatible with EVM (Ethereum Virtual Machine), it can be used both for building new Ethereum dApps as well as for deploying and running existing Ethereum dApps.

Cross-compatibility

By granting access to an ecosystem that may transcend the limitations of native/restricted blockchains, Blockton is revolutionising the industry. This will give consumers genuine control over a variety of tokens in the crypto ecosystem as well as cross-chain access to a large number of them. This platform is made to provide users with additional protection and control over their crypto assets. Micro DEX or dApp-related scams will be less common. The Blockton platform enables users to exchange, convert, and trade tokens between several EVM-compatible networks. Ethereum, Binance Smart Chain, Polygon, Fantom, Arbitrum, and OKEx Chain are just a few of the supported chains.

5. WHAT IS BLOCKTON?
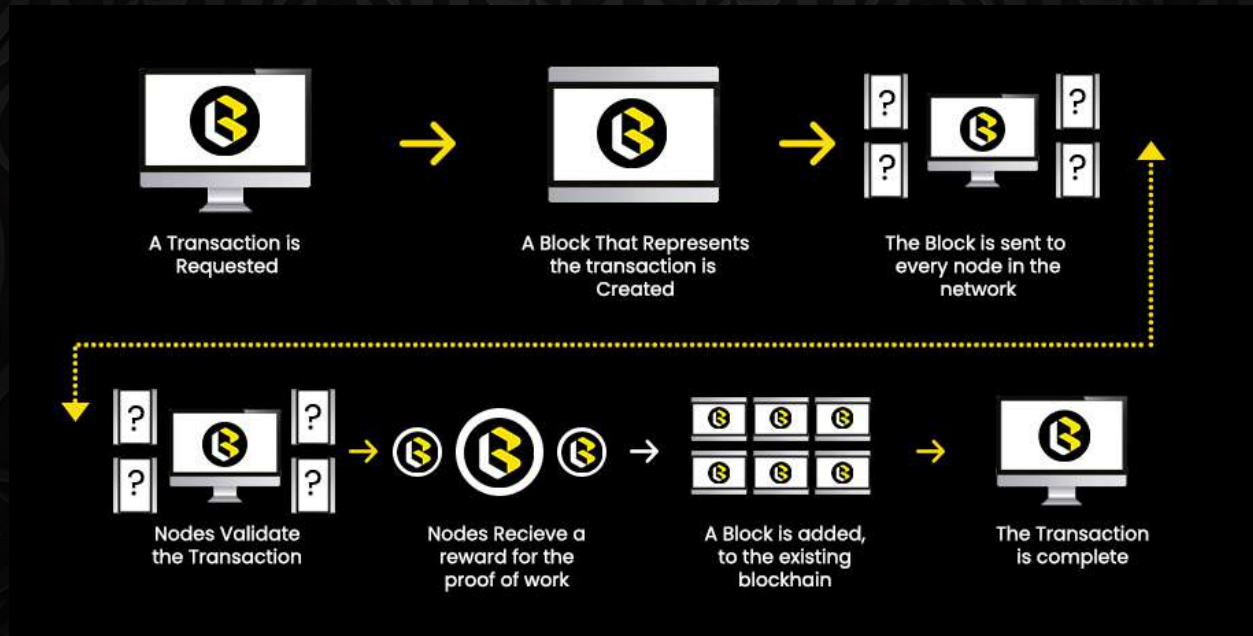
Blockton is a Layer 7 Blockchain Platform built on the Ethereum Virtual Machine with an emphasis on DeFi, GameFi, and Metaverse. It is a PoW blockchain with staking and liquidity mining. This makes it better than Ethereum's PoW consensus. A high-performance, sustainable, and scalable blockchain platform is Blockton. Because it is completely EVM compatible, developers may extremely quickly produce scalable, user-friendly dApps at a low cost. Proof of Work (PoW) is used by Blockton to guarantee true decentralisation.

A block on Blockton's high-performance blockchain can currently handle more than 300,000 transactions per second while still offering high security. The blockchain can modify block and transaction sizes based on network consumption and load. The

current average block time is 3.1 seconds, i.e. the average time it takes to complete a block of transactions on the Blockton network. The transaction fees on Blockton are very low, nearly zero and are intended to be practically nil indefinitely.

The Blockton platform enables users to exchange, convert, and trade tokens between several EVM-compatible blockchain networks. Ethereum, Binance Smart Chain, Polygon, Fantom, Arbitrum, and OKEx Chain are just a few of the supported chains.

## Core Features of Blockton
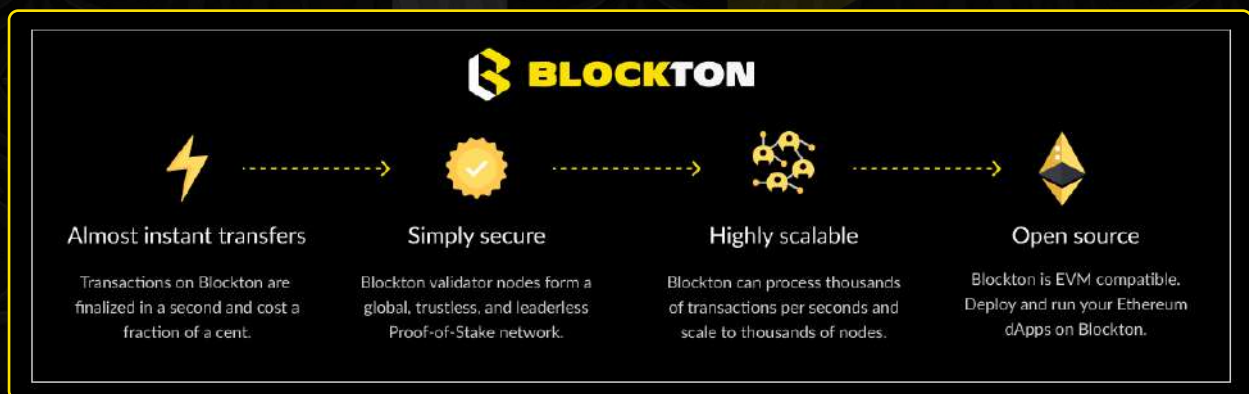
1. Developer-friendly

Thanks to the underlying EVM architecture, Blockton is super-easy to learn and start building next-gen applications. It uses the same Solidity programming language as Ethereum. Developers can build on Blockton using Solidity and other tools they may have already been using before, such as Remix, Truffle, and MetaMask. Blockton supports the EVM and you can deploy your Ethereum dApps on Blockton just as easily.

There's more. As a developer on the Blockton platform, you can access our blockchain documentation and connect with our developer community to get instant support for all your development-related queries.

2. EVM compatible

Blockton is fully compatible with Ethereum and is built on the Ethereum Virtual Machine. As a blockchain developer, you can deploy and run your Ethereum dApps seamlessly on Blockton at a fraction of the cost and experiment with Blockton's high performance. At the same time, you can develop new dApps using our powerful, fast, scalable and highly sophisticated blockchain platform.
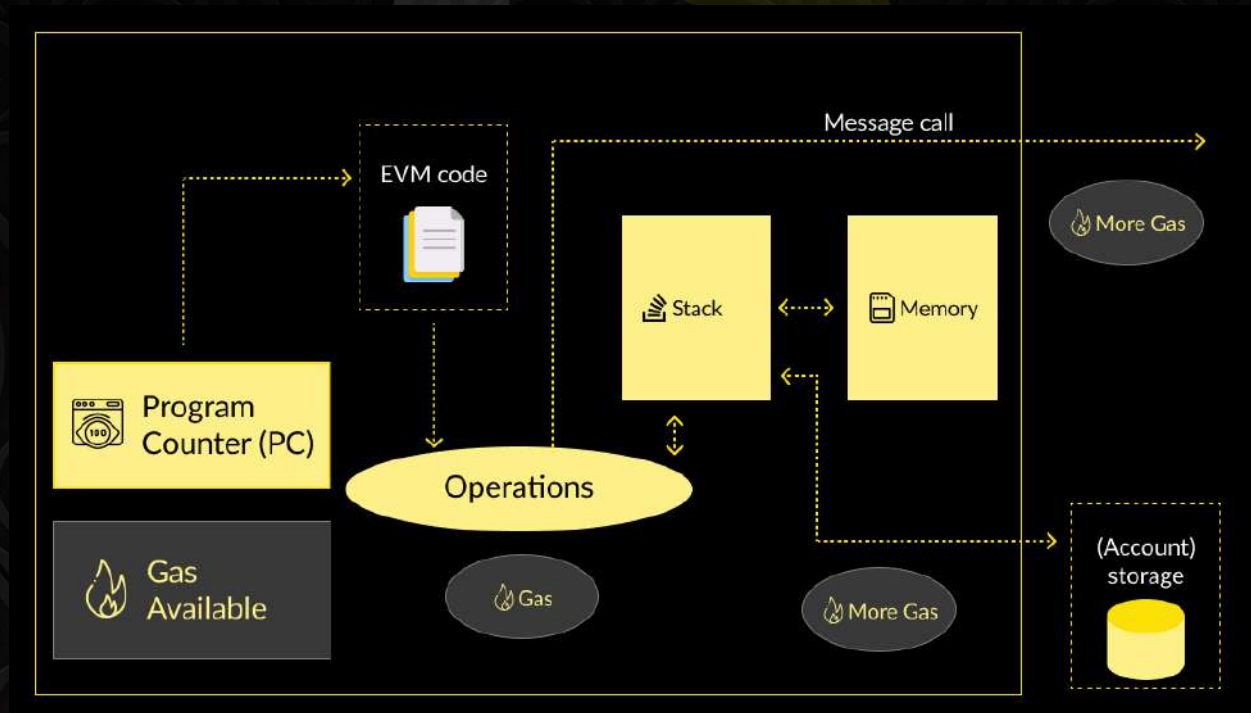
3. Oracles integrations

You must be familiar with Blockchain Oracles, which are used by decentralized systems such as blockchain platforms to access existing data (typically off-chain), systems, and analysis. Blockton integrates multiple industry-leading oracle providers, including Chainlink and Band Protocol, to offer maximum flexibility for developers to access conventional data including price feeds to build advanced decentralized applications and smart contracts by writing off-chain code based on off-chain infrastructure.

4. Open source

Blockton code is completely open source and available and accessible to everyone everywhere in the world. Anyone can access and read our code, check on the project's updates & progress, share their views, and help us build the perfect next-gen blockchain ecosystem. Blockchain developers & startups are welcome to join our growing community to start building on Blockton.

5. Robust APIs

As an EVM-compatible blockchain platform, Blockton provides support for a wide range of development tools. Our developers have access to and can use The Graph's subgraphs and bton's robust Web3JS APIs to build all sorts of high-end decentralized

products, including wallets, apps (dApps), explorers, and data analysis tools. Moreover, the platform extends support to many third-party APIs and tools that you are welcome to explore by joining our blockchain network.

6. OUR PRODUCTS & PLATFORMS

More than just another blockchain network, Blockton is, in fact, a comprehensive decentralized ecosystem comprising many high-performance products, including an EVM-compatible blockchain, a decentralized exchange, an NFT marketplace, and a P2P crypto exchange. While some of these products have already been developed, others are under development. You can check the project roadmap for the exact timeline of the development of the Blockton platform and products.

Blockton Scan

Blockton Scan is the official blockchain of our project. It's layer 7 blockchain EVM forked with tps 3 lakh transfer per second. In simple words, it's the most advanced blockchain technology developed to date, which is empowered by and compatible with the Ethereum Virtual Environment and is scalable enough to process up to 3 lakh transactions per second. As an EVM-based blockchain network, Blockton Scan can be used for building,

deploying and running Ethereum dApps and smart contracts.

Official website: https://www.blocktonscan.com/

You can access Blockton Scan on the above website to see the details of our blockchain, including average block time, total transactions (till date), block height, ongoing transaction status (both validated and pending), total supply & circulating supply, recent transactions in the network, and the latest price of our native token - BTON.

Blockton Swap

Swapping is the process of exchanging one digital asset or crypto token for another.

A crypto exchange is a platform through which you can swap or trade cryptocurrencies. Blockton Swap is a DEX (decentralized exchange) where users can swap BTON and many other cryptocurrencies. As a decentralized crypto exchange, Blockton Swap will allow users to buy, sell and trade cryptocurrencies through direct (peer-to-peer) transactions without an intermediary. This will enable super-fast transaction processing at a very low fee per transaction (only gas fees and no intermediary commission).

In addition, the Blockton Swap platform will also enable users to

earn more by contributing to liquidity farms and staking in pools. The platform also includes a launchpad, i.e. a dedicated outlet for the launch of new crypto-tokens and cryptocurrencies. Developers who are using the Blockton Scan for building their dApp can launch their tokens on the Blockton DEX.

Blockton NFT Marketplace

An NFT marketplace is an online platform where users can create their own NFTs as well as sell, buy and trade NFTs to generate profits. NFTs or non-fungible tokens are unique digital assets that can represent all kinds of digital entities or things, from unique pieces of art, music, content, images, and so on. Anyone can create NFTs by tokenizing their physical assets on the blockchain. Each NFT represents a unique digital asset and the ownership information is securely stored in a public blockchain, where it can be easily verified in case of a dispute.

On the Blockton NFT marketplace, you can create as well as sell and trade NFTs.

Blockton P2P

A peer-to-peer exchange is a platform where people can transact directly with each other for the exchange of things, assets and currencies. On the Blockton P2P, you can connect with other

crypto users & investors for the exchange of digital currencies & assets over a highly secure P2P platform.

It's a multi-currency P2P crypto trading platform where users can purchase and sell cryptocurrencies with complete assurance of the security and safety of their funds.

The Blockton P2P platform supports multiple digital currencies and assets, including many popular cryptocurrencies such as bitcoin, ETH, and more.

Official Websites

Our official product websites & platforms are listed here:

OFFICIAL BLOCKCHAIN - BLOCKTONSCAN.COM

OFFICIAL TOKEN WEBSITE - BLOCKTONCOIN.COM

OFFICIAL SWAP WEBSITE - BLOCKTONSWAP.COM

OFFICIAL NFT WEBSITE - BLOCKTONNFT.COM

OFFICIAL P2P WEBSITE - BLOCKTONP2P.COM

7. BLOCKCHAIN, WALLET & SMART CONTRACTS

Our Blockchain Technology

Blockchain is a technology that was created by combining a number of different methods, including arithmetic, calculations, cryptography, economic models, algorithms, and so forth. Blockchain is a decentralised, digital public ledger of all cryptocurrency transactions. To aid users in tracking transactions without keeping a central record of them, all cryptocurrency transactions are recorded in chronological sequence. The blockchain's application prospects are bright and have produced results since its beginning. From the first cryptocurrency to modern smart contracts, blockchain technology has advanced and been used in a variety of industries.

The PoA consensus method used by BLOCKTON Chain allows for quick block times and inexpensive transactions. Staking will produce validators who are the most tightly bound to produce blocks. Security, integrity, and chain finality are guaranteed by double-sign detection and other cutting logic.

Additionally, the BLOCKTON Chain supports protocols and smart contracts that are EVM-compatible. Native support for interoperability makes cross-chain transfer possible along with other forms of communication. BTON Exchange continues to be a

busy marketplace for trading assets across multiple blockchains. Users will be able to benefit from the quick trade on the associated exchange and can create their decentralised apps on our blockchain thanks to the dual-chain design. The BLOCKTON Chain will consist of:

EVM-compatible: Supports all of the Ethereum technology currently in use, as well as enabling faster settlement and lower transaction fees.

Cross-chain Compatibility: Equipped with effective native dual-chain communication, it is interoperable. Designed with scalability in mind for high-performance dApps that demand a quick and seamless user experience.

On-chain governance: Participants from the community are attracted by decentralisation and Proof of Staked Authority offered by Blockton Chain. BTON, the native token, will work as both a staking token and the fuel for the execution of smart contracts.

Ethereum Virtual Machine

The EVM, the programme that executes the blockchain's application code, or smart contracts, forms the foundation of Blockton Scan's architecture. Our core blockchain EVM offers a run-time environment for developers to build and run their dApps in our blockchain network. Furthermore, because the Ethereum Virtual Environment is Turing-equivalent, it can execute any

programme written in any language, making it possible for developers to quickly design unique smart contracts and DApps on our next-gen blockchain platform.

With access to all network nodes, the ability to execute smart contracts, and the ability to efficiently manage all transactions on the blockchain, the EVM is one of the most potent virtual machines to use on the Blockton platform.

Without any significant downtime being observed, the EVM has been dependable in powering all apps utilising the Ethereum network. In Ethereum, smaller executable programmes are known as smart contracts. For developers, the EVM serves as the integrated and holistic programme that runs these contracts while giving them the freedom to create smart contracts in their favourite programming languages, including Solidity, Vyper, Python, and Yul, among others. Because of how the EVM works, programmers can run code without worrying about how it will affect the rest of the network or whether it will disrupt data or private files stored on any of the nodes.

Wallet Support

A digital wallet is an application that can be used to store and trade or transfer digital currencies such as cryptocurrencies. In order to buy and trade BTON & other cryptocurrencies on the

Blockton platform, all users will be required to have a compatible wallet account.

As of now, the Blockton Chain provides support for the following Digital (Crypto) Wallets:

1. MetaMask - https://metamask.zendesk.com/hc/en-us
2. Ledger - https://www.ledger.com/
3. Trezor - https://wallet.trezor.io

We will eventually build our own digital wallet with support for many cryptocurrencies.

Blockton Smart Contract

Digital contracts known as "smart contracts" are executed automatically when certain criteria are met. These are maintained on a blockchain. They are often used to automate the implementation of a contract so that all parties can be confident of the conclusion right away, without the need for an intermediary or additional time. They can also auto-execute a workflow such that when circumstances are met, the underlying action is executed.

Simple "if/when...then" phrases are typed into code and placed on a blockchain when writing a smart contract. When predefined

circumstances have been verified to have been met, a network of computer nodes will carry out the underlying actions. These can include transferring ownership to an asset, transferring money to the right people, registering a car or home, sending out notices, or writing a ticket. When the transaction is successfully executed, the blockchain is automatically updated. It also means that smart contract transactions once recorded on the blockchain cannot be changed and can only be accessed and seen by people who have permission.

Blockton Smart Contract & Benefits

High efficiency and speed
The contract is promptly carried out if a condition is satisfied. There is no middleman because blockchain smart contracts are paperless and automated.

Full transparency
There is no possibility of fraud because there is no third party engaged and participants exchange encrypted records of transactions.

Maximum Security
Because blockchain transaction records are encrypted, they are incredibly difficult to crack. Hackers would need to change every link in the chain in order to change even a single entry in the

distributed ledger.

Savings
Smart contracts do away with the need for middlemen to manage transactions, along with the fees and time delays that go along with them.

8. STAKING ON BLOCKTON

Staking is the process of locking up cryptocurrency assets for a predetermined amount of time to maintain a blockchain's operation. You gain extra cryptocurrency by staking your existing cryptocurrency.

A proof of stake consensus mechanism is used by numerous blockchains. In this arrangement, network users must "stake" a certain amount of cryptocurrency in order to support the blockchain by confirming fresh transactions and adding fresh blocks. Staking enables a blockchain to contain only valid data and transactions. Participants offer to stake large amounts of cryptocurrency as an insurance policy in exchange for the chance to validate fresh transactions and earn interest for it.

If you're an investor/user of Blockton, you are eligible to participate in and earn through BTON Staking. You can earn

rewards by staking your BTON in our smart contract to help secure the network. Choose your staking preference, start earning with a few clicks, and use your staked funds as collateral on DeFi.

Staking features:

Earn up to Maximum APY

Participate in Stake-as-you-go and earn APY (Annual Percentage Yield) on your capital, up to Maximum APY for a one-year commitment to staking. The maximum staking period is one year, and you earn interest in real-time. You can withdraw your earnings at any time, which will be deposited directly into your platform wallet.

Choose your locking period & rewards

You can choose for how long you want to lock your funds: from no lock to up to a year lock. The more tokens you lock for longer periods, the more staking rewards you can earn.

Compound your stake

You can claim rewards as many times or at any time as you like or you can continue to compound them to earn even greater returns in the long run.

9. THE BLOCKTON COIN (BTON)

The Blockton Coin or BTON is the official native cryptocurrency of the Blockton platform.

Tokenomics

Coin Name - BLOCKTON
Symbol - BTON
Decimal - 18
Circulating coin supply: 3,850,000,000 BLOCKTON

Total coin supply: 7,000,000,000 BLOCKTON

Distribution:

1) Public Allocation - 55 %

2) Ecosystem - 35 %
- Staking validators - 5 %
- Developers grants reserve - 10 %
- Liquidity & Community treasury 20 %

3) Team - 10 %
- Core Team - 8 %
- Advisors - 2 %

10. TARGET USERS

Target users of the Blockton blockchain platform include crypto buyers, investors & traders looking for a faster and cost-effective blockchain platform and blockchain developers looking to migrate to a more efficient blockchain platform that is also EVM compatible.

Crypto Buyers

You can buy Blockton's high-potential cryptocurrency BTON at a very low price in the upcoming sale and enjoy huge profits from the growing value of our ecosystem. BTON also gives its holders access to all the current and upcoming services of the Blockton platform.

Crypto Investors

Both retail and institutional investors looking to participate in the fast-growing crypto space can start with Blockton, which is a Layer 7 Blockchain Platform built on the Ethereum Virtual Machine with an emphasis on DeFi, GameFi, and Metaverse.

Crypto Traders

Cryptocurrency traders can seamlessly trade BTON and multiple other digital currencies on our high-end decentralised crypto exchange – Blockton Swap – which ensures highly secure crypto

trading without middlemen and guarantees the best returns every time.

Blockchain Developers

Because Blockton is completely EVM compatible, developers can very quickly produce scalable, user-friendly dApps at a low cost. Proof of Work (PoW) is used by Blockton to guarantee true decentralisation.

Blockchain Companies

Blockchain companies looking to make their existing systems more efficient in terms of speed and cost can integrate Blockton's highly efficient blockchain technology. Our crypto-token BTON can be used for digital payments globally.

Revenue Model

The primary source of revenue for the Blockton platform and its participants include revenue from trading services, platform fees & other charges.

13. LEGAL DISCLAIMER

Blockton is an experimental blockchain project and the information provided on this website or any other materials

associated with Blockton is for informational purposes only. The use of Blockton is at your own risk and the developers of Blockton make no representations or warranties of any kind, express or implied, as to the operation of Blockton or the information, content, materials, or products included on this website or any other materials associated with Blockton.

The use of Blockton is not intended to create, and does not create, any legal, financial, or other professional relationship between you and Blockton or its developers. The use of Blockton does not constitute the provision of investment or financial advice, and any information provided by Blockton should not be considered as such.

The use of Blockton is subject to various risks, including but not limited to the risk of hardware, software, and network failures, security breaches, hacking attacks, and regulatory changes. By using Blockton, you acknowledge and assume all such risks.

In no event will Blockton or its developers be liable to you or any third party for any damages of any kind arising out of or in connection with the use of Blockton, including but not limited to direct, indirect, incidental, punitive, and consequential damages.

By using Blockton, you agree to indemnify, defend, and hold

harmless Blockton and its developers from and against any and all claims, damages, liabilities, costs, and expenses arising out of or in connection with your use of Blockton.

The laws of your jurisdiction may have different legal requirements and may place different restrictions on the use of Blockton. It is your responsibility to comply with all applicable laws and regulations.

Blockton may be subject to change without notice and the developers of Blockton reserve the right to modify, suspend, or discontinue this project at any time.

By using Blockton, you acknowledge that you have read and understand this legal disclaimer and agree to be bound by its terms and conditions.

14. CONNECT WITH US

Join the online community of Blockton. Follow our social media channels or contact us using the following information:

- Facebook - https://www.facebook.com/blocktoncoin
- Twitter - https://twitter.com/blocktoncoin
- Instagram - https://www.instagram.com/blocktoncoin/

- Linkedin - https://www.linkedin.com/company/blockton-blockchain
- Medium - https://blocktoncoin.medium.com/
- Reddit -https://www.reddit.com/r/Blocktoncoin/
- Github - https://github.com/blocktoncoin
- Youtube - https://www.youtube.com/@blocktonblockchain
- Telegram Community - https://t.me/blocktoncoin
- Telegram Announcement - https://t.me/blocktonannouncement
- Bitcoin Talk - https://bitcointalk.org/index.php?topic=5436305