BLACKFORT™

| BLACKFORT™ BLOCKCHAIN | BLACKFORT™ PAY | BLACKFORT™ WALLET | BLACKFORT™ REAL ESTATE |

WHITEPAPER V2.0

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1.   INTRODUCTION

Transforming the Cryptocurrency Landscape

BlackFort stands at the forefront of IT and blockchain innovation, shaping the future of the cryptocurrency ecosystem and driving the shift toward a comprehensive crypto-to-fiat economy. At the heart of BlackFort's operations is its proprietary blockchain infrastructure, which forms the foundation of all its products and services. This visionary platform isn't just created for users; it's built by users, with the aim of providing a smooth, secure, and accessible gateway for cryptocurrency transactions to the general public.

Putting Users First with a Customer-Focused Approach

BlackFort's mission is clear: to offer a user-first experience that makes onboarding and offboarding cryptocurrencies simple and secure for everyone. The centerpiece of this mission is the BlackFort mobile multicurrency wallet application, which serves as the primary tool for interacting with the company's wide range of services. This easy-to-use app enables users to manage multiple cryptocurrencies effortlessly, making crypto more accessible and paving the way for broader adoption.

Connecting Cryptocurrencies and Real-World Assets (RWA)

In addition to streamlining cryptocurrency transactions, BlackFort is actively working to bridge the gap between digital currencies and real-world assets. Through innovations such as tokenizing real estate and offering integrated e-money solutions for fiat currencies, BlackFort is helping to merge blockchain

technology with tangible, real-world value. This positions the company as a key player in the evolution of digital assets, where traditional and digital economies converge.

The BlackFort Utility Token: Unifying the Ecosystem

The BlackFort Utility Token is the core element that links all of BlackFort's offerings. It provides users with a range of benefits across the platform's various products and services. By delivering multiple use cases, the utility token enhances user experience and reinforces BlackFort's goal of offering a seamless and rewarding ecosystem for its community.

In conclusion, BlackFort is a driving force in the cryptocurrency world, fostering innovation and accessibility while connecting the realms of blockchain technology and real-world assets. With a firm focus on user-centric solutions and the BlackFort Utility Token at its core, BlackFort is set to transform how people engage with cryptocurrencies and the digital economy as a whole.

2. MARKET CHALLENGES

Navigating Adoption Barriers

Launching and scaling a Layer 1 blockchain project in today's competitive environment comes with significant challenges. The blockchain space is rapidly evolving, and Layer 1 solutions are constantly being tested by both technical and market pressures. One of the primary challenges is achieving mass adoption. While blockchain technology has seen widespread innovation, its mainstream adoption is still limited by scalability issues, regulatory uncertainty, and the complexity of onboarding non-technical users. A Layer 1 project like BlackFort must not only provide a secure, fast, and scalable network but also navigate through a landscape where users expect seamless integration with both decentralized and traditional financial systems.

Addressing Real Estate Tokenization Challenges

Furthermore, BlackFort's 360-degree approach, integrating the tokenization of real estate, a client-side wallet, and e-money services, adds additional layers of complexity. Each component brings its own challenges. For instance, **real estate tokenization** is heavily dependent on regulatory frameworks, which can vary widely from country to country. Navigating these diverse legal landscapes while ensuring compliance and transparency is critical to maintaining investor trust and expanding the market for tokenized assets. Additionally, convincing traditional real estate stakeholders to embrace tokenization as a secure and efficient way to trade and manage property assets remains an uphill battle, requiring extensive education and trust-building efforts.

Ensuring Wallet Security and User Experience

Client-side wallets also face challenges related to security and user experience. While offering maximum control to users by storing private keys locally, this method requires users to adopt stringent personal security practices. Educating users about the importance of safeguarding their private keys and avoiding phishing attempts is essential but difficult to execute at scale. Furthermore, ensuring that wallet interfaces are both user-friendly and secure can be a complex balancing act, especially for those less familiar with blockchain technologies.

Complying with E-Money Regulations

E-money services present another set of challenges, particularly in terms of regulatory compliance. The financial industry is one of the most heavily regulated sectors globally, and integrating traditional fiat payment methods with blockchain and crypto services requires navigating a web of financial regulations, AML (Anti-Money Laundering) requirements, and data privacy laws. In particular, the ongoing shifts in global cryptocurrency regulations can create uncertainties and compliance hurdles that must be constantly monitored and addressed.

BlackFort's Path to Success

Despite these challenges, BlackFort is uniquely positioned to succeed due to its holistic approach, combining cutting-edge blockchain technology with a deep understanding of regulatory landscapes and user needs. The integration of **tokenization, client-side wallets, and e-money services** under one platform provides a seamless user experience that bridges the gap between traditional and decentralized financial systems. BlackFort's ability to scale its native blockchain, offer security through client-side controls, and comply with international regulatory standards sets it apart from competitors. Additionally, the project's commitment to user education and ongoing legal collaboration ensures that both retail and institutional participants can engage with confidence. By addressing these multifaceted challenges head-on, BlackFort is well-positioned to lead the industry in creating a secure, transparent, and accessible blockchain ecosystem that encourages mass adoption while advancing the tokenization of real-world assets.

3. GO TO MARKET STRATEGY

BlackFort Blockchain - The foundation

The BlackFort Blockchain forms the cornerstone of the comprehensive BlackFort 360-degree ecosystem. Designed as a fast, resilient, and highly scalable Layer 1 blockchain, BlackFort is poised to become a dominant force in the market. With a block time of just 2 seconds, the capacity to process up to 100,000 transactions per second, and a competitive fee structure, BlackFort offers the robust infrastructure needed to thrive in the evolving blockchain industry.

BLACKFORT™

BlackFort Wallet

One of BlackFort's flagship products is the BlackFort Wallet, a highly intuitive and feature-rich mobile wallet. With over 400,000 downloads, it stands as a competitive player in the digital wallet market. What sets it apart is the integration of a cutting-edge Web3.0 Antivirus, a built-in tool that automatically scans smart contracts and wallet addresses to enhance security, positioning BlackFort as an industry leader in wallet security innovation.

Tokenization of Real World Assets (RWA) – BlackFort Real Estate

The tokenization of real-world assets is projected to become one of the fastest-growing sectors in the coming years. BlackFort has positioned itself as a pioneer in this space through its subsidiary, BlackFort Real Estate. We have developed an in-house, end-to-end solution for large-scale asset tokenization, including securing licenses for real estate acquisition, management, and trading. Additionally, with our self-developed platform and a substantial community of potential investors, we are well-equipped to capitalize on this emerging market.

E-money Services - BlackFortPay.com

BlackFort aims to revolutionize the financial landscape by simplifying the management of both fiat and cryptocurrency. Through BlackFortPay, we are developing a unique app that seamlessly integrates traditional currencies and digital assets, allowing users to manage, buy, sell, and spend their funds from a single platform.

In addition to core financial services, BlackFortPay will offer premium features such as VIP cards, aiming to provide users with exclusive benefits like airport lounge access, cashback rewards, and tailored offers. Whether you're an individual or a business, BlackFortPay delivers a secure and all-encompassing solution for modern financial management.

Payment Solution B2B

The BlackFort Payment Solution aims to provide a seamless and versatile way for businesses and individuals to accept cryptocurrency payments for everyday transactions. Designed for B2B users, the solution can be integrated into checkout systems or added via a widget, enabling smooth crypto payments for goods and services. A mobile POS system, similar to card machines in stores, will allow users to pay by simply scanning a QR code, confirming the payment, and sending the exact amount, making cryptocurrency acceptance as easy as traditional payments.

4. BLACKFORT ECOSYSTEM

BLACKFORT BLOCKCHAIN

Purpose and Objectives

The development of the BlackFort Blockchain is driven by a clear vision: to deliver a highly reliable, efficient, and cost-effective platform that caters to the *evolving* needs of blockchain users. Our primary objectives include:

Stability and High Performance: BlackFort Blockchain is engineered to maintain a robust and stable infrastructure capable of handling high transaction volumes without compromising on speed. The architecture is designed to ensure rapid confirmation times, which are crucial for both everyday transactions and more complex operations, such as those involving smart contracts or decentralized applications (dApps).

Cost Efficiency: One of the core tenets of BlackFort Blockchain is to offer an affordable user experience without sacrificing quality or performance. By minimizing transaction fees, we make it easier for users to participate in the blockchain ecosystem, whether they are conducting micro-transactions or executing large-scale operations. This focus on cost efficiency is critical for fostering widespread adoption and ensuring that the platform remains accessible to all users.

Tokenization and Liquidity Management: BlackFort Blockchain provides a seamless environment for token creation, management, and exchange. This capability is supported by robust liquidity mechanisms and a diverse range of assets, ensuring that tokens issued on the platform are very easy to create. By facilitating efficient tokenization, BlackFort opens the door for innovative use cases, including the representation of real-world assets on the blockchain.

Governance through Smart Contracts and VOTE Tokens: Effective governance is essential for the long-term success of a blockchain platform. BlackFort enhances this by using smart contracts executed with its native token, BXN, ensuring that governance actions are both swift and cost-effective. In addition to this, all BlackFort nNFT holders receive a certain amount of VOTE tokens, which is soon going to empower them to actively participate in decentralized decision-making on the BlackFort blockchain.

Key Features and Innovations

BlackFort Blockchain is not just another blockchain platform; it is designed to meet the essential demands of modern blockchain technology while introducing groundbreaking innovations:

High Throughput, Swift Confirmations, and Low Fees: These are non-negotiable features for any blockchain aiming to support mainstream adoption. BlackFort not only meets these criteria but exceeds them by offering an optimized environment where transactions are processed quickly, confirmed almost instantly, and completed with minimal fees. This combination of features ensures that the platform is well-suited for a wide range of applications, from simple transactions to complex decentralized finance (DeFi) operations.

Custom Token Implementation: The BlackFort Blockchain empowers users of all levels to create and manage their own tokens, providing a flexible platform for a wide range of projects. Whether you're a beginner launching your first token or an enterprise seeking a scalable, secure, and cost-effective solution, BlackFort offers the tools and infrastructure needed for success. The blockchain's high transaction speed and low costs make it ideal for businesses looking to optimize their operations. Additionally, communities can leverage BlackFort's Hyperledger integration to implement private sidechains, giving them full control over their network while benefiting from the security and efficiency of BlackFort's blockchain. This versatility allows individuals, startups, and large organizations alike to innovate with confidence.

NFT Creation and Delegation: BlackFort Blockchain pioneers a unique approach to non-fungible tokens (NFTs), where dedicated NFT can act as a Delegator to Prove Authority in the validation process. This innovative feature not only enhances the utility of NFTs but also integrates them into the core functions of the blockchain, offering new possibilities for their use in governance and network security.

Driving Mainstream Adoption and Real-World Tokenization

At its core, BlackFort Blockchain is designed to bridge the gap between digital and physical assets, driving mainstream adoption by making it easier to tokenize real-world assets. The

platform's robust and dynamic ecosystem is built to support the future of digital assets, providing the tools and infrastructure necessary for the seamless integration of real-world objects into the blockchain. This focus on tokenizing physical assets highlights BlackFort's commitment to expanding the possibilities of blockchain technology and ensuring its relevance in the broader economy.

In summary, BlackFort Blockchain is more than just a high-performance platform; it is a comprehensive ecosystem designed to meet the needs of today's users while paving the way for future innovations in blockchain technology.

Guiding Principles Behind the BlackFort Blockchain

The BlackFort Blockchain is built on principles designed to foster a flexible, interconnected ecosystem of Ethereum Virtual Machine (EVM) chains. Rather than replacing existing blockchains, BlackFort complements and enhances them, promoting collaboration and interoperability across the blockchain landscape.

Core Principles

1. **Standalone, Independent Blockchain**

BlackFort is a standalone blockchain, distinct from traditional layer-2 solutions. While it shares certain features with Ethereum and other EVM-based chains, such as generating identical receiving addresses, BlackFort´s core functionalities are self-contained. This autonomy enables BlackFort to support existing blockchains and pave the way for future interoperability and cross-chain transfers, offering unique value to the broader ecosystem.

2. **EVM Compatibility**

The BlackFort Blockchain is fully compatible with the Ethereum mainnet, enabling seamless integration of most decentralized applications (dApps) and development tools with minimal adjustments. BlackFort's validator nodes, also known as "Masternodes," are optimized to run on low-cost hardware, reducing barriers to entry and promoting broad network participation. This compatibility allows BlackFort to leverage the strengths of the Ethereum ecosystem while also supporting the development of independent features unique to the BlackFort Blockchain.

3. **Staking-Based Consensus and Governance**

BlackForts staking-based consensus mechanism offers several advantages over traditional proof-of-work systems, including environmental benefits and greater flexibility in community governance. This model enhances network performance with faster block creation times and

increased transaction capacity, while empowering the community to play a more active role in decision-making processes.

BlackFort: A Blockchain Designed for Interoperability and Innovation

BlackFort is a carefully designed platform that coexists with and enhances the broader blockchain ecosystem. By adhering to these guiding principles, BlackFort positions itself as a flexible, efficient, and user-friendly network that supports the ongoing evolution of blockchain technology, driving progress and fostering a more interconnected blockchain environment.

Consensus and Validation Framework

The Blackfort blockchain's consensus protocol is meticulously designed to align with the core principles of the network, ensuring efficiency, security, and fairness. This framework is built on the following key elements:

Optimized Block Time
Blackfort aims to achieve a block time that is either shorter than or comparable to leading networks like Ethereum. After careful evaluation, Blackfort has set its block time to approximately two seconds, ensuring rapid transaction processing. This time frame is maintained regardless of the number of validators, ensuring consistent performance across varying network conditions.

Swift Transaction Finality
Transaction finality is a critical aspect of any blockchain network. Blackfort is designed to confirm the finality of transactions quickly, typically within a 1-minute timeframe or less. This ensures that transactions are recognized as final by the recipients with minimal delay, enhancing the overall user experience and reducing the risk of transaction rollbacks.

Fair and Transparent Reward Distribution
In the Blackfort network, block rewards are pre-determined for each validation and delegation process. These rewards are sourced staking rewards as well as from global transaction fees. These rewards are distributed in BlackFort´s native Token, BXN.. This approach creates a balanced and fair environment for all participants—validators, delegators, and users alike— ensuring that contributions to the network are appropriately compensated and encouraging broad participation in the network's operations.

Ease of validation and delegation distribution
Blackfort utilizes a Proof-of-Staked-Authority (PoSA) consensus mechanism that supports weighted authority. This wide-reaching consensus model ensures that network is both decentralized and inclusive, allowing stakeholders to have a meaningful say in the decision-making processes that shape the network. By incorporating weighted authority, Blackfort

balances the influence of participants, ensuring that governance reflects the interests of the broader community while maintaining the efficiency and security of the network.

Conclusion
The Blackfort consensus and validation framework is designed to deliver a secure, efficient, and fair blockchain network. By optimizing block times, ensuring rapid transaction finality, and maintaining EVM compatibility, Blackfort provides a robust foundation for a thriving ecosystem. By addressing these multifaceted challenges head-on, BlackFort is well-positioned to lead the industry in creating a secure, transparent, and accessible blockchain ecosystem that encourages mass adoption while promoting the tokenization of real-world assets.

Proof of Staked Authority (PoSA)

Although Proof-of-Work (PoW) has been recognised as an excellent and secure mechanism to implement a decentralized network, it has a very high barrier to entry and is not allowing for wide participation that will pay off to all participants. Ethereum and some other blockchain networks, such as Polygon, TOMOChain, GoChain, xDAI, do use Proof-of-Authority (PoA) or its variants in different scenarios, including both test-net and main-net. PoA provides some defense to 51% attacks, with improved efficiency and tolerance to certain levels of Byzantine players (malicious or hacked). It serves as an easy choice to pick as the fundamentals for the network.

Meanwhile, the PoA protocol is most criticized for not being as decentralized as PoW, as the validators, i.e. the nodes that take turns to produce blocks, have all the authorities and are prone to corruption and security attacks. Other blockchains, such as EOS and Lisk both introduce different types of Delegated Proof of Stake (DPoS) to allow the token holders to vote and elect the validator set. It increases decentralization and favors community governance. BXN uses the proven process to combine DPoS and PoA for consensus into PoSA, so that:

1. Blocks are produced by a limited set of validators. To become a validator, one needs to set up a hosted validator node and meet certain requirements that need to be accepted by other validators.

2. Validators take turns to produce blocks in a PoA manner, similar to Ethereum's Clique consensus design, however all Validators and their delegators receive a share of the fees through the ratio of BXN-nNFT types, that are delegated to BlackFort Blockchain validators.

3. Validator sets are elected in and out based on delegation-based governance and delegators can move freely or create new validators through consensus and joining and no one validator can overrule all validators meaning the entire process is transparent and widely agreed upon.

Hyperledger Integration

What is Hyperledger? Understanding the Benefits

Hyperledger is an open-source umbrella project that provides frameworks and tools for building enterprise-grade blockchain applications. Managed by the Linux Foundation, Hyperledger encompasses various projects like Hyperledger Fabric, Hyperledger Sawtooth, and Hyperledger Iroha, each catering to different use cases and industries. Unlike public blockchains such as Ethereum, which are permissionless and open to all, Hyperledger focuses on permissioned blockchain networks, which are typically used in enterprise environments where control and privacy are critical.

Benefits of Integrating Hyperledger

Integrating Hyperledger technology with an EVM-compatible blockchain can provide a range of benefits that enhance functionality, privacy, and scalability. Here's how:

Enhanced Privacy and Permissioning

Controlled Access: Hyperledger frameworks, like Hyperledger Fabric, offer advanced permissioning features that enable fine-grained control over who can access and interact with the blockchain. This is especially valuable in enterprise settings where data confidentiality and restricted access are important.

Private Transactions

Maintaining privacy and confidentiality is crucial in sectors like finance, logistics, and supply chain management. Hyperledger supports private channels and transactions, allowing confidential exchanges between specific parties while protecting sensitive information from the broader network.

Major financial institutions, credit card companies, and logistics firms already leverage this feature to create a secondary verification layer. By identifying discrepancies in traditional datasets, they enhance operational accuracy and trust among participants, reducing the risk of fraud and data breaches.

By integrating private transactions, BlackFort aims to provide a secure solution that meets users' confidentiality needs, ensuring a trustworthy environment for all stakeholders in the ecosystem.

Improved Scalability and Performance

Modular Architecture: Hyperledger's modular architecture allows for customizations and optimizations that can enhance transaction throughput and network performance. This can complement EVM blockchains by offloading certain processes or handling specific types of transactions more efficiently.

Interoperability and Flexibility

Cross-Chain Interactions: Integrating Hyperledger with EVM blockchains can facilitate interoperability between permissioned and permissionless networks. This opens up possibilities for cross-chain interactions, enabling enterprises to leverage the strengths of both types of blockchains.

Custom Smart Contracts: Hyperledger frameworks can support custom smart contract development and execution, which can complement or enhance the capabilities of smart contracts on EVM-compatible blockchains.

Enterprise-Grade Solutions

Compliance and Regulation: Hyperledger's emphasis on enterprise needs means it often includes features that support regulatory compliance and industry standards, which can be beneficial when integrating with public EVM blockchains used for high-stakes or regulated transactions.

Robust Ecosystem: The Hyperledger ecosystem includes tools for identity management, data privacy, and transaction monitoring, which can provide additional layers of functionality when combined with EVM blockchain applications.

Advanced Governance and Management

Tailored Governance: Hyperledger frameworks allow organizations to implement governance structures tailored to their specific needs. This can be useful for consortiums or federations where shared control and decision-making processes are important.

Version Control and Upgrades: Hyperledger supports sophisticated versioning and upgrade mechanisms, which can be beneficial for managing evolving smart contracts and blockchain applications.

Conclusion

Integrating Hyperledger with BlackFort Blockchain can offer a powerful combination of privacy, scalability, and enterprise-grade features. Connecting the best of BlackFort EVM and Hyperledger provide a vibrant ecosystem of dApps and smart contracts, Hyperledger brings advanced capabilities for privacy, performance, and governance. This synergy can enable more secure, efficient, and versatile blockchain solutions tailored to diverse business needs and regulatory environments.

Token Economy

The native BlackFort Blockchain token, BXN, serves as the key to unlocking various features and services within the BlackFort ecosystem. The BXN token economy is designed to be a self-sustaining, dynamic ecosystem that encourages active participation, drives utilization, and promotes long-term growth and adoption.

By strategically distributing tokens across different channels, the token economy incentivizes users to engage in positive behaviors, such as participating in the network's validation process, utilizing services, and contributing to the community's development. Each component of the token economy is carefully structured to support the ecosystem's growth, ensuring that BXN remains integral to the success and expansion of the BlackFort blockchain.

Below is an overview of the token economy channel distribution, reflecting BlackFort's commitment to building a balanced and thriving ecosystem that benefits users, node holders, and stakeholders alike.

| POSITIONS	PERCENT %	AMOUNT OF TOKEN (BXN)
Production of all nodes	59.00%	29,500,000,000
Locked in nodes	21.00%	10,500,000,000
Liquidity reserve	8.13%	4,066,762,674
Tokenization bonus	4.00%	2,000,000,000
Pre-Sale Block Bonus	3.37%	1,683,237,325
Creator fund	2.00%	1,000,000,000
Team	2.00%	1,000,000,000
Airdrop campaigns	0.20%	100,000,000
Creator gas	0.20%	100,000,000
Charity	0.10%	50,000,000
	100.00%	49,999,999,999

Figure 4 - Token Economy Number Tables
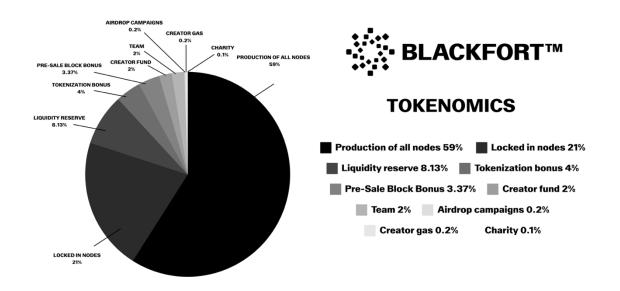
Figure 5 - Tokenomics Chart Visualization

Production of all nNFTs

The BlackFort token economy is meticulously structured to ensure fair and sustainable distribution of BXN tokens. A key element in this economy is the role of node holders, who are responsible for producing 59% of the total BXN token supply over a period of 9.5 years from the day of minting. Notably, BlackFort is not conducting an Initial Coin Offering (ICO), meaning BXN tokens can only be acquired through centralized or decentralized exchanges. Node holders exclusively mint and supply BXN tokens to meet market demand, maintaining a stable, consistent flow of tokens. This decentralized distribution model encourages active participation from node holders while promoting a secure, decentralized ecosystem that benefits all users.

Locked in nNFTs

The BlackFort Proof-of-Staked-Authority (PoSA) consensus mechanism incorporates locking 21% of the total BXN token supply within nNFT Bundles. These bundles represent each node's weight in the network's validation process. The holders of these nNFTs are entitled to claim BXN tokens after each block validation. Additionally, if a node NFT holder has delegated their stake, they will receive their proportional share of gas fees. This system incentivizes node holders to actively participate in securing the network while ensuring a decentralized and robust validation mechanism that is resistant to potential attacks, as significant token holdings are required to participate.

Airdrop Campaigns

Airdrops are a strategic method to distribute free tokens to users, often as a marketing tool to increase awareness and adoption of a new cryptocurrency. BlackFort has set aside 0.2% of its total token supply for multiple airdrop campaigns. These campaigns may be announced in advance or occur spontaneously, targeting specific criteria such as holding a particular cryptocurrency or engaging with the BlackFort community. Airdrops aim to encourage greater user involvement and expand the reach of the BXN token across different user bases.

Creator Funds

BlackFort is committed to fostering innovation within its ecosystem by dedicating 2% of its total BXN token supply to co-fund external projects that are built on the BlackFort Blockchain. This initiative seeks to attract external talent and ideas, enhancing the blockchain's offerings and promoting technological advancements. Strict vetting criteria ensure that only high-quality projects receive funding, ensuring the success and long-term viability of these initiatives. By supporting innovation, BlackFort promotes a diverse and dynamic blockchain environment that benefits the entire community.

Team Incentives

To motivate ongoing development and improvement of the BlackFort ecosystem, a portion of BXN tokens is reserved for incentivizing the BlackFort team and its service providers. This allocation serves as a bonus fund to reward developers, consultants, and other contributors for their continued efforts in enhancing the blockchain platform. Aligning team incentives with the long-term success of the project ensures a culture of collaboration, innovation, and shared goals, driving sustainable growth and development across the ecosystem.

Charity Initiatives

BlackFort is also committed to philanthropy, dedicating resources to charitable initiatives. All charitable activities and donations are transparently presented through the company's official website and social media channels. This ensures that the community can actively participate in or follow the company's social responsibility efforts, reinforcing a positive corporate ethos within the ecosystem.

Tokenizing Bonus

To support the legal structuring, investment, and operation of tokenization projects, a portion of BlackFort's liquidity is dedicated to this sector. This liquidity not only aids BlackFort's own tokenized assets but also supports external tokenization projects. By facilitating the tokenization of real-world assets and improving liquidity, BlackFort strengthens its role in the evolving blockchain industry. These initiatives further contribute to a sustainable blockchain ecosystem by ensuring that tokenization projects are legally sound and operationally efficient.

Creator Gas Pool

In order to ensure the seamless launch of smart contracts on the BlackFort blockchain, both for internal and partner projects, BlackFort has established a dedicated gas fee pool. This pool covers the gas fees required for network transactions and smart contract executions, ensuring optimal transaction speeds and efficient deployments. This initiative aligns with BlackFort's commitment to providing a high-performance blockchain platform that fosters the growth of decentralized applications and projects.

Pre-Sale Block Bonus

During the pre-sale phase, BlackFort offers an enhanced block reward for users who activate a node prior to the mainnet launch. This early participation incentive encourages users to support the network during its crucial developmental stage, contributing to the blockchain's security and overall stability. The presale block reward will be available until the successful launch of the mainnet, and the rewards are calculated as part of the total token supply generated after the genesis block. This bonus ensures that early adopters are rewarded for their contributions, supporting a decentralized, inclusive network.

Liquidity Reserve

To support the expansion of BlackFort's product and service offerings, the company has established a liquidity reserve. This pool is used to capitalize BlackFort's group of companies and provide the necessary resources for operational expenses and future development. By ensuring there is sufficient capital to grow and innovate, BlackFort can continue to meet the evolving needs of its partners and clients, staying at the forefront of the blockchain industry.

Blocks

One block represents a set of entries into the blockchain, to be verified and validated. Once this batch of transaction and interaction recordings as well as the release or production of block reward has been processed using the transaction fees, paid by the blockchain user. Distribution automatically happens and the next block starts to form.

How to approximate the yearly halving-period:

At the set time for blocks to be created and validated, it takes 16,000,000 blocks to be approximately equivalent to one year in Real time. Block reward halving happens at every 16,000,000[th] block. Example: The fifth year starts at block number 80,000,000. This can be calculated by the following: 16,000,000 * 5 = 80,000,000

NFT Nodes (nNFT)

Weight

There is a total set number of Node NFTs to be distributed to users. The total number of this is 400.000. Each node is a non-fungible collection of native tokens (nNFT) with a certain representation in weight, described as Coin-lock. One nNFT is one entity and cannot be broken down into individual tokens. Each nNFT comes as a package to be delegated to add to the proof the weight of the holder's authority in the validation mechanism called PoSA (Proof-of-Staked-

NODES NAMES	NODE QUANTITY	BXN PRODUCTION PER BLOCK (YEAR 1)	YEAR 1	YEAR 2	YEAR 3	YEAR 4
Versailles 5M	25	BXN 0.2570123	BXN 4,112,197	BXN 3,084,148	BXN 2,313,111	BXN 1,734,833
Chillon 2.5M	275	BXN 0.1259864	BXN 2,015,783	BXN 1,511,837	BXN 1,133,878	BXN 850,408
Landskron 1M	725	BXN 0.0494064	BXN 790,503	BXN 592,877	BXN 444,658	BXN 333,494
Malbork 500K	2,275	BXN 0.0242188	BXN 387,502	BXN 290,626	BXN 217,970	BXN 163,477
Kronborg 250K	7,725	BXN 0.0118720	BXN 189,952	BXN 142,464	BXN 106,848	BXN 80,136
Trogir 100K	15,275	BXN 0.0046557	BXN 74,491	BXN 55,868	BXN 41,901	BXN 31,426
Trakai 50K	20,725	BXN 0.0022822	BXN 36,515	BXN 27,386	BXN 20,540	BXN 15,405
Miramare 25K	45,275	BXN 0.0011187	BXN 17,900	BXN 13,425	BXN 10,069	BXN 7,551
Vianden 10K	131,925	BXN 0.0004387	BXN 7,019	BXN 5,265	BXN 3,948	BXN 2,961
Hever 5K	175,775	BXN 0.0002150	BXN 3,441	BXN 2,581	BXN 1,936	BXN 1,452
TOTAL	400,000	10,500,000,000 BXN				

NODES NAMES	YEAR 5	YEAR 6	YEAR 7	YEAR 8	YEAR 9	YEAR 10
Versailles 5M	BXN 1301125	BXN 975844	BXN 731883	BXN 548912	BXN 411684	BXN 308763
Chillon 2.5M	BXN 637806	BXN 478355	BXN 358766	BXN 269075	BXN 201806	BXN 151354
Landskron 1M	BXN 250120	BXN 187590	BXN 140693	BXN 105519	BXN 79140	BXN 59355
Malbork 500K	BXN 122608	BXN 91956	BXN 68967	BXN 51725	BXN 38794	BXN 29095
Kronborg 250K	BXN 60102	BXN 45076	BXN 33807	BXN 25355	BXN 19017	BXN 14262
Trogir 100K	BXN 23569	BXN 17677	BXN 13258	BXN 9943	BXN 7457	BXN 5593
Trakai 50K	BXN 11554	BXN 8665	BXN 6499	BXN 4874	BXN 3656	BXN 2742
Miramare 25K	BXN 5664	BXN 4248	BXN 3186	BXN 2389	BXN 1792	BXN 1344
Vianden 10K	BXN 2221	BXN 1666	BXN 1249	BXN 937	BXN 703	BXN 527
Hever 5K	BXN 1089	BXN 817	BXN 612	BXN 459	BXN 344	BXN 258

2 – Overview Total-Node-Supply

Production

Each nNFT has a fixed amount of BXN Tokens that are released as block rewards to the holders' BXN address. Once activated, every node NFT is going to claim its block rewards starting the block after successful activation and delegator rewards (Aliquoted transaction fee earnings). Block rewards are set out to be distributed automatically by the algorithm for approximately ten years with a halving time of approximately one year (Number of blocks 16,000,000). This is calculated from 1,97 second block times, to be halving the result yearly until the tenth year. After the tenth year, or 160,000,000 blocks is over, block rewards for that node NFT are going to stop. Aliquoted transaction fee collections are enabled for lifetime of the blockchain and start upon node delegation. Base production is calculated from the smallest Node NFT Hever in Weight of 5K BXN upwards to the highest weighted Node NFT Versailles in weight of 5M BXN. Each increment in node NFT weight class has an increase of BXN production of 2%. Example: Vianden has a weight of 10k and produces 1.02x of two Hever 5K. Trakai Has a weight of 50k and produces 10.2x of five Vianden 10K etc.

*All values are approximate. Rewards are generated at every block which is ~2sec/Block.

Block Reward

All BXN validators in the current validator set will be rewarded with both block rewards and transaction fees in BXN. With BXNs fixed total supply, its reward structure is similar to that of Bitcoin and Ethereum, promoting a fairer distribution of rewards over time. In the long term, gas fees will become the primary source of rewards for validators, ensuring sustainable incentives for network participants.

As BXN is also a utility token with multiple use cases, both delegators and validators can benefit beyond block rewards, enjoying various advantages associated with holding BXN. Validators receive rewards from the transaction and smart contract interaction fees in each block, which they share with their delegators, who delegate BXN nNFTs to them.
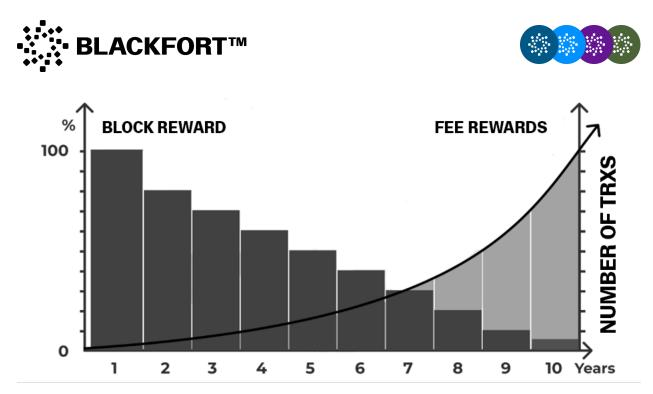
Figure 1 - Visualization of reward types. Block reward reducing over time and Rewards from transaction and interaction fees growth over time. (ILLUSTRATION FOR UNDERSTANDING ONLY)

Block rewards are composed of two key elements: the Block Reward, which is the sum of the Production Reward and the Fee Reward.

Production Reward: This is a predefined amount of BXN distributed per block for a set period (subject to halving cycles). Delegators earn this reward at every block, and each validator can set their own commission rate for this reward, which is deducted from what delegators receive.

Fee Reward: This consists of the transaction and smart contract fees paid in each block. The validator who produces the block receives these fees, deducts their commission, and automatically redistributes the remainder to their delegators.

Validator Quorum

In the genesis stage, a few trusted nodes will run as the initial Validator Set, this is to ensure the beginning is smooth and handled carefully in case of any genesis abortion and fix required. After the live observation phase finishes, anyone can compete to join as candidates, delegator, validator as well as elect as a validator. Once all available nodes are distributed as well as delegated, the total weight of 22% of total coin supply is going to be locked in validator nodes. BXN is the token used to stake on the BlackFort Exchange Network

In order to remain as compatible as Ethereum and upgradeable to future consensus protocols to be developed, BXN chooses to rely on SMART CONTRACTS for its management. There is a dedicated staking module for BXN. It will accept BXN staking from BXN Node NFT holders.

Acceptance Validator Quorum

The validator quorum on BlackFort Blockchain serves as a governing and/or suggestive body that may execute voted decisions to ensure network integrity and performance. This quorum can determine the entry of new validators, requirements are:

1. Software requirements
2. Hardware requirements
3. Minimum stake of 15,000,000 BXN in self bond
4. Acceptance by current active validators is mandatory. The quorum holds the authority to remove validators through a voting mechanism.

Validator fees

BlackFort Validators have the autonomy to set their own commission rates for both production rewards and fee rewards, compensating them for their services. Delegators can freely choose any validator, considering both commission rates and the validator's trustworthiness. Validators take turns producing blocks based on an equal probability system, assuming they maintain 100% liveness, which leads to comparable rewards for all stable validators over time.

Additionally, validators can establish a dynamic fee schedule that includes setting delegation and production reward fees to incentivize participation. They can adjust these fee percentages, with changes taking effect after a predetermined number of blocks. Importantly, if a fee adjustment is scheduled, the new value must be implemented only after the previous change has been realized, ensuring clarity, transparency, and stability within the BlackFort ecosystem.

The Validator can set individually:

1. Production reward fee
2. Transaction reward fee

The change in fee percentage for validators is subject to specific limitations to ensure stability. Validators must specify a block interval after which any new fee adjustments will take effect. If a validator has already scheduled a fee change, the new fee must only be implemented after the previous change has been fully realized. This process helps maintain clarity and predictability for users and ensures that fee adjustments do not overlap or cause confusion.

Balancing

In a delegated proof-of-stake authority model, the weight of delegated stakes is distributed among validators. At the Genesis level, the maximum percentage of delegation above the average amount is set to 100%. Once the validator system stabilizes and multiple validators join the quorum, this maximum percentage can be lowered through a voting process. Proposals for this adjustment are permitted to range from 0% to 50%.

Balancing mechanics

DS: nNFT Delegation share
DA: delegated amount to the validator
TDA: Total delegated amount across all validators (sum of all DAs)
VC: Validator count - Amount of validators currently operating
MA: Percent value that represents the value allowed above AD (defined amount by VOTE)
AD: average delegated amount to validators (TDA/VC)

1. $((DS + DA) \times 2) >= TDA$ & $DA > 0$
2. If 1. Is true; Node hub smart contract rejects the delegation of the nNFT
3. If $(DA + DS) > (AD \times (1+MA))$ & $(DA>0)$ is true, then the delegator receives error: "above average delegated amount limit hit". In the case of delegation attempt by the nNFT wallet address to a validator that reached the max percent above average, Delegator must choose a different validator.

If the validator reaches the limit, all delegators that delegated to the validator, stay delegated but no new delegators may join.

Production cap

The maximum amount of BXN that can be produced by an nNFT over a designated period defaulting to 4,000,000 blocks can be redefined through a voting process If the block value is altered, it is changed globally. Any production rewards earned beyond this cap or left unclaimed once the cap is reached will be burned at the time of the claim. The cap for an nNFT is determined by the total BXN production from the block number of the last claim up to the blocksNumberForProductionCap. Additionally, this production cap can be individually extended for each nNFT, allowing for a boost of up to 2x the currently defined value. If an nNFT halving occurs before reaching the blocksNumberForProductionCap, the reward reduction from the halving will be reflected in the cap.

Halving in 3,000,000 after last claim, blocksNumberForProductionCap is 4,000,000

$CAP = BRC * 3,000,000 + BRF * 1,000,000$, where BRF is BRC * 0.75

Fee claim period

Delegators must claim within this period of elapsing blocks. Set by default to 4,000,000 blocks and can be updated by vote. If the block value is altered, it is changed globally.

Node NFT Boost

Every node can be boosted by the node holding address with up to 0.25x of its weight in BXN. Assuming the weight of the nNFT is 1,000,000 BXN, it can be boosted with up to 250,000 BXN in order to minimize its fees paid to the chosen validator and enlarge its production cap . The boosted amount of BXN is donated onto a smart contract able to replenish staking and growth incentivizing smart contracts or burned upon vote.

Boost block production validator fees

This function lets the nNFT boost itself to minimize fees taken by the validator of 0-50%. The range is from No boost with 0% up to full boost of 50% validator production fee.

This means that if a validator sets its fees to 2%, a fully boosted node will pay only 1%.

Boost extension of Production cap

This function lets the nNFT boost itself to maximize active claim period. This means that at no boost, the nNFT has a claim to stay active period of 4,000,000 Blocks by default. If fully boosted, this time extends up to 2x of currently defined value

Boost range

NODE WEIGHT	BOOST RANGE BXN	VALIDATOR FEE REDUCTION IN % ON PRODUCTION	VALIDATOR FEE REDUCTION IN % ON TRANSACTION FEES	PRODUCTION CAP	FEE CLAIM PERIOD
5000	0<BOOST <1250	0<Fee reduction<50	0-50	2x default	2x default

Production Distribution

Example:

If the node is not boosted, and current production reward available for claim is 1000BXN and the validator set its fee to 4%, the validator will keep 40 BXN and the node holder claims 960 BXN. If the node is fully boosted, the node receives 980 BXN.

Inactivity

An nNFT can claim rewards at any time within block intervals, theoretically every two seconds (based on Block Time). If the unclaimed production rewards exceed the production cap (calculated from the last claim over the last 4,000,000 blocks), any amount above the cap will be burned. The maximum claim function resets the cap blocks to their maximum value.

When claiming partially, the unclaimed production reward remains counted toward the cap alongside the amount currently being earned. For instance, if an nNFT claims 50% of its claimable amount, the next active claim window will be extended by half of the maximum time, which is 45 days for a 50% claim.

Undelegation

Undelegated nodes cannot claim block production rewards unless they are delegated to a validator of their choice. Any production, while a node remains undelegated is burned,

while production rewards can be claimed when the node is actively delegated. This ensures that only those actively participating in the delegation process benefit from block production rewards.

Undelegated:

1. Starting from the first Block after undelegating, the nNFT Production is burned. This function activates AFTER the first delegation
2. Automatic undelegation
   a. If the nNFT doesn't claim fee rewards within the fee claim period
   b. If the nNFT is boosted and doesn't claim within up to 2x of the fee claim period

Security & Finality

Given more than 50%+1 of all validators are honest, PoSA based networks usually work securely and properly. However, there are still cases where a certain number of Byzantine validators may still manage to attack the network, e.g. through the "Clone Attack". To secure as much as BXN users are encouraged to wait until receiving blocks sealed by more than 66%+1 different validators. In that way, the BXN can be trusted and can tolerate less than 33% Byzantine validators.

For example, taking 21 Masternode validators, if the block time is 2 seconds, the 66%+1 different validator seals will need a time period of (66%*21+1)*2 = 29,7 seconds. Any critical applications for BXN may have to wait for 66%+1 to ensure a relatively secure finality. However, besides such an arrangement, BXN introduces a slashing logic to penalize Byzantine validators for double signing or unavailability, which will be covered in the "Staking and Governance" section later. The slashing logic will expose the malicious validators in a very short time and make the "Clone Attack" very hard or extremely non-beneficial to execute. With this enhancement, 50%+1 or even fewer blocks are enough as confirmation for most transactions.

Slashing

Slashing is part of the on-chain governance, to ensure the malicious or negative behaviors are punished. BXN slash can be submitted by anyone. The transaction submission requires slash evidence and cost fees but also brings a larger reward when it is successful, this slash reward is directed to a replenisher contract to add to on chain liquidity incentivizing or burning by vote.

Punishment

1. Reduction of validator set fees
   a. Validator received 0-100% reduction by vote.
   b. Delegators receive more by that amount.
      This is applied for a period of time, set forth by an amount of blocks set by vote.
2. Delegation
   a. nNFTs can be undelegated after validator is slashed
   b. No new nNFTs are able to be delegated to the slashed validator for the slash period
3. Validators self bonded BXN amount is reduced by Slash percent. The slash is set between 0-100% by vote.

Unavailability

The liveness of BXN relies on everyone in the Proof of Staked Authority validator set to produce blocks timely when it is their turn. Validators can miss their turn due to any reason, especially problems in their hardware, software, configuration or network. This instability of the operation will hurt the performance and introduce more indeterministic into the system.

There can be an internal smart contract responsible for recording the missed block metrics of each validator. Once the metrics are above the predefined threshold, the block reward for validator will not be relayed to BXN for distribution but shared with other better validators. In such a way, the poorly operating validator should be gradually voted out of the validator set as their delegators will receive less or none reward. If the metrics remain above another higher level of threshold, the validator will be dropped from the rotation, and this will be propagated back to BXN, then a predefined amount of BXN would be slashed from the self-delegated BXN of the validator. Both validators and delegators will not receive their staking rewards.

Governance Parameters

Upon the minting of each node, an allocation of Vote Tokens are granted. These Vote Tokens shall serve a crucial role in forthcoming direct-democratic voting procedures concerning the advancement of the BlackFort Blockchain. It is important to note that a higher number of Vote Tokens will correspond to a greater influence on the voting outcomes. A comprehensive outline of the distribution of Vote Tokens is provided in the chart presented below.
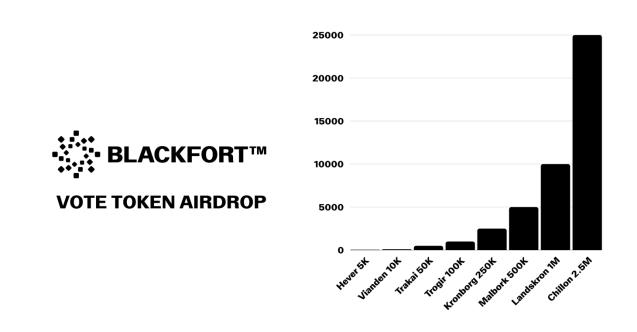
Figure 6 - Vote Token Airdrop Graph

Centralized Trading of BXN Utility Token

For any blockchain project, particularly Layer 1 solutions like BlackFort, securing listings on reputable centralized cryptocurrency exchanges is a critical step toward broader adoption and liquidity. These exchanges offer a trusted platform for users to buy, sell, and trade tokens, which in turn helps to establish market credibility and foster confidence among investors.

For BlackFort, being listed on prominent exchanges ensures that the BXN Utility Token is accessible to a global audience, enhancing its visibility and making it easier for users to engage with the broader ecosystem. Centralized exchanges provide a streamlined and secure environment for trading, offering enhanced liquidity and ease of use compared to decentralized alternatives. Moreover, these platforms often have rigorous listing requirements, and being featured on them serves as a stamp of legitimacy for a project like BlackFort.
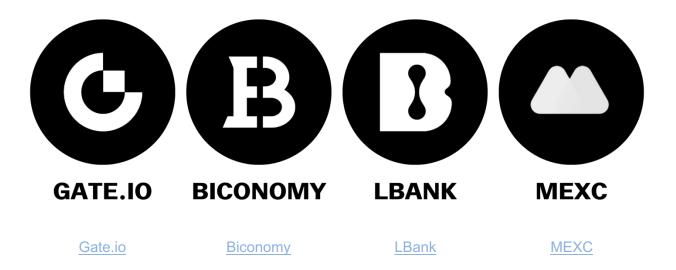
Currently, the BXN Utility Token is available for trading on several well-established exchanges, including Gate.io, Bitfinex, LBank, and MEXC. These listings not only provide liquidity but also expose BXN to a wider market of cryptocurrency enthusiasts, traders, and investors. Future

listings on additional reputable exchanges are in the pipeline, further expanding the reach and usability of the BXN Utility Token.

Links to the respective exchanges where BXN can be traded are listed below:

GATE.IO   **BICONOMY**   **LBANK**   **MEXC**

Gate.io   Biconomy   LBank   MEXC

Decentralized Trading of BXN Utility Token

Upcoming decentralized exchange (DEX) platforms on the BlackFort Blockchain are set to enhance the trading experience for users by enabling seamless transactions of BXN and other assets within the ecosystem. This integration not only increases the versatility of the BXN Utility Token but also provides users with greater options for securely and efficiently managing their digital assets, all while benefiting from lower fees and complete ownership. BlackFort actively invites DEX developers to build on its blockchain, emphasizing that only those with code audited by reputable firms will be recognized. To further incentivize growth, BlackFort may participate in liquidity pools, although it will not develop a DEX natively.

CERTIK

CERTIK AUDIT

In the blockchain industry, security is paramount, as it ensures the integrity and trustworthiness of decentralized systems. Audits play a critical role in safeguarding user assets and maintaining the stability of blockchain networks. At BlackFort, we prioritize the security of our ecosystem by conducting regular, comprehensive audits. For years, we have partnered with Certik, a globally

recognized leader in blockchain security audits. Certik's thorough examination of smart contracts, protocols, and overall system architecture has helped us fortify the BlackFort Blockchain.

Following the successful completion of our initial audit in 2022, we are proud to announce the release of our latest audit, which underscores our ongoing commitment to the highest standards of security. The detailed audit results and our total score can be accessed through the link provided below:

VISIT BLACKFORT BLOCKCHAIN ON CERTIK

Adding Custom RPC Network to Your Wallet

If you use MetaMask, Trust Wallet, or similar self-custodial wallets, you'll need to add a new custom network:

RPC details are:

- Network Name: BlackFort Blockchain
- Standard-RPC-URL: https://rpc.blackfort.network/mainnet/rpc
- Chain ID: 488
- Token Symbol: BXN
- Block-Explorer: https://blackfortscan.com/
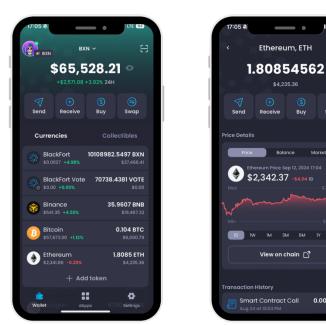
BlackFort Wallet

BlackFort Wallet: A Secure Gateway to the Crypto Ecosystem

The BlackFort Wallet is at the core of the BlackFort ecosystem, combining user convenience with top-level security. Designed as a multi-currency, client-side wallet, it provides users with complete control over their cryptocurrency assets. Through the generation of coin wallets from mnemonic phrases, the BlackFort Wallet offers unmatched flexibility and safety. Additionally, features like instant swaps and direct cryptocurrency purchases ensure that managing digital assets is both simple and efficient. With the BlackFort Wallet, you're in charge of your crypto journey every step of the way.

Multi-Currency Client-Side Wallet: Security Meets Usability

The BlackFort Wallet is a central component of the BlackFort ecosystem, built to seamlessly integrate with our platform while delivering enhanced security. The standout feature of this wallet is its ability to generate multiple wallets from a single mnemonic phrase, allowing users to manage several cryptocurrencies with ease.

Understanding Client-Side Wallets: Control in Your Hands

Client-side wallets put ownership and control at the forefront of the user experience. Here's how they work:

- **Your Keys, Your Control:** Private keys, which grant access to your cryptocurrency, are created and stored exclusively on your device. This ensures they are never transmitted to any external server, meaning even in the event of a server breach, your funds remain protected.
- **Transferability:** Users can easily transfer their mnemonic phrase to other wallets, whether hardware or software, offering flexibility and freedom of choice. You're never locked into a single service provider, ensuring ongoing access to your assets.

Benefits of Client-Side Wallets

- **Enhanced Security:** Since your private keys remain solely on your device, there's no third-party involvement, significantly reducing the risk of theft or unauthorized access.
- **Immediate Access:** With client-side wallets, your assets are always available without needing permission from any intermediary.
- **Flexibility:** You retain full control and can transfer your assets in a permissionless manner to another wallet by simply using your mnemonic phrase, ensuring long-term accessibility.

The Importance of Private Keys: Your Digital Signature

Think of private keys as your personal digital signature. They authorize all your cryptocurrency transactions, ensuring they are valid and secure. In a client-side wallet, you maintain complete ownership of these keys, providing ultimate control and security. By safeguarding your mnemonic phrase, you protect your crypto assets from unauthorized access.

In essence, BlackFort's client-side wallet puts you in charge, offering top-tier security and the peace of mind that your assets are safe from third-party interference.

BlackFort Web3 Antivirus: A New Benchmark in Blockchain Security

Comprehensive Monitoring for Suspicious Activity

BlackFort has integrated a Web3 antivirus solution into its wallet, setting a new standard for blockchain security. The system continuously scans databases, analyzing transaction histories, smart contract interactions, and external data sources to detect any suspicious behavior. This comprehensive approach helps ensure that potential threats are identified and addressed before they can cause harm.

- **Real-Time Alerts:** As soon as the system detects unusual activities, users receive immediate notifications, allowing them to take swift action to protect their assets.

Smart Contract Security

When users interact with smart contracts, BlackFort's Web3 antivirus conducts in-depth code analysis to detect vulnerabilities or malicious traps, such as honeypots or poison attacks. This

proactive threat detection ensures that users' assets remain safe while interacting with the decentralized ecosystem.

Benefits of the Web3 Antivirus Integration

- **Enhanced Security:** Continuous monitoring and smart contract analysis significantly reduce the risk of scams or hacks.
- **User Confidence:** Real-time alerts and proactive threat prevention create a secure environment for users to engage with the blockchain.
- **Prevention:** Early detection of potential threats helps protect user assets, creating a safer blockchain experience overall.

Cryptocurrency Swaps: Simple and Seamless

The BlackFort Wallet offers users a hassle-free way to swap one cryptocurrency for another. The process is straightforward:

- **Easy Interface:** Just select the cryptocurrencies you wish to swap and enter the amount. The system automatically handles all the details, so there's no need for complex input.
- **Fast and Automated:** The swap process is fully automated and typically completes in under 30 minutes, depending on the currencies involved. This makes it accessible and convenient for users at all levels.

Buying and Selling Cryptocurrencies: Direct and Effortless
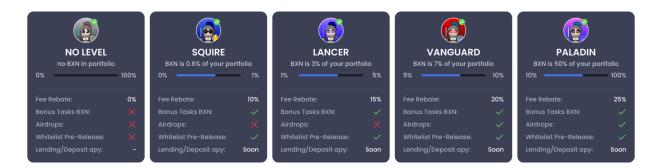
For users new to crypto, acquiring their first tokens can be daunting. BlackFort makes this process easier by allowing users to purchase cryptocurrencies directly within the wallet using their bank cards. Through partnerships with reliable payment providers and exchanges, BlackFort ensures broad availability across various regions.

By integrating essential features like secure swaps, a user-friendly interface, and enhanced security measures, the BlackFort Wallet stands out as a reliable and comprehensive tool for managing digital assets. Whether you're a seasoned trader or new to the cryptocurrency space, the BlackFort Wallet provides the flexibility and control needed to navigate the evolving blockchain landscape.

BXN Cashback Utility in BlackFort Wallet

NO LEVEL	SQUIRE	LANCER	VANGUARD	PALADIN
no BXN in portfolio	BXN is 0.6% of your portfolio	BXN is 3% of your portfolio	BXN is 7% of your portfolio	BXN is 50% of your portfolio
0% — 100%	0% — 1%	1% — 5%	5% — 10%	10% — 100%
Fee Rebate: 0%	Fee Rebate: 10%	Fee Rebate: 15%	Fee Rebate: 20%	Fee Rebate: 25%
Bonus Tasks BXN: ✗	Bonus Tasks BXN: ✓	Bonus Tasks BXN: ✓	Bonus Tasks BXN: ✓	Bonus Tasks BXN: ✓
Airdrops: ✗	Airdrops: ✗	Airdrops: ✗	Airdrops: ✓	Airdrops: ✓
Whitelist Pre-Release: ✗	Whitelist Pre-Release: ✓	Whitelist Pre-Release: ✓	Whitelist Pre-Release: ✓	Whitelist Pre-Release: ✓
Lending/Deposit apy: –	Lending/Deposit apy: Soon	Lending/Deposit apy: Soon	Lending/Deposit apy: Soon	Lending/Deposit apy: Soon

Utility Tiers

Blackfort wallet hosts a variety of possible utility tiers. These are assigned to the user automatically if the weight of BXN value weighted towards the rest of the users holding exceeds certain levels. These utilities include Fee reduction, cashbacks on fees, airdrops, whitelists etc. An exact breakdown can be found on the blackfort wallet website section.

Download BlackFort Wallet

Download links:

App store:
https://apps.apple.com/at/app/blackfort-wallet/id6447954137?l=en

Play store:
https://play.google.com/store/apps/details?id=exchange.blackfort.blackfortwallet

BlackFort Real Estate

Tokenization of Real World Assets (RWA)

Tokenization involves converting the ownership or rights of a real-world asset into digital tokens that exist on a blockchain. This process enables assets like real estate, art, or commodities to be represented digitally, allowing them to be bought, sold, and traded on blockchain platforms. One of the primary benefits of tokenization is the ability to offer fractional ownership of high-value

assets, making them accessible to a broader range of investors. By lowering the financial barriers to ownership, tokenization democratizes investment, enabling smaller investors to participate in markets that were traditionally out of reach. This approach not only enhances liquidity but also improves market efficiency by reducing entry barriers. Tokenization offers transparency, security, and increased liquidity, making it a promising opportunity for both investors and asset owners in the blockchain ecosystem.

Navigating the Legal Framework for Real Estate Tokenization

The legal and operational complexities of real estate tokenization require a deep understanding of regulations and careful planning. This is where the expertise of seasoned blockchain attorneys and professionals becomes critical. At BlackFort, we recognize that a strong legal foundation is essential for successful real estate tokenization, and we are working closely with experienced legal teams to establish a solid framework that ensures compliance and long-term success.

Tokenizing Real Estate: A New Era of Investment

Tokenized real estate represents a groundbreaking shift in how we approach the real estate market. By transforming traditionally illiquid assets into digital tokens, tokenization opens up new opportunities for a wider audience to invest in real estate. This not only allows investors to diversify their portfolios but also reduces the risks associated with traditional real estate investments. BlackFort is leading the way in this emerging space by leveraging secure blockchain technology, developing a native blockchain platform, and collaborating with legal and blockchain professionals to ensure seamless operations. Our goal is to simplify and enhance the tokenization of real-world assets, making real estate investment more accessible and transparent.

Fiat and Cryptocurrency Integration: Ensuring Flexibility

In the world of real estate tokenization, the ability to accept both fiat and cryptocurrency payments is crucial. While digital currencies are gaining traction, the regulatory environment varies from country to country, with some regions imposing restrictions on crypto transactions. To remain compliant and adaptable, BlackFort ensures that our platform can operate in both the fiat and crypto worlds. This dual capability allows us to cater to a wider audience, including those who prefer traditional payment methods, while embracing the innovative potential of blockchain technology.

Comprehensive Solutions for Real Estate Tokenization

To build a successful real estate tokenization platform, several key components must be seamlessly integrated. BlackFort addresses all of these components in-house, setting us apart from other companies in the space:

- **Access to Real Estate Opportunities:** At the heart of any tokenization platform is the ability to identify and invest in real estate projects. BlackFort, through its legal framework, has the ability to buy and sell real estate in various regions. BlackFort partners with well-established property developers to secure ongoing access to high-value real estate opportunities. Additionally, BlackFort holds licenses to manage real estate portfolios in certain regions.
- **In-House Development of Tokenization Platform and Asset-Backed Tokens:** A critical factor in the success of any tokenization platform is the ability to develop inhouse. BlackFort's team of full-time blockchain and app developers enables us to create and manage a robust tokenization platform. Our development team ensures that we remain at the forefront of the industry, offering secure software solutions.
- **Access to a Large and Growing Community of potential buyers:** Building a thriving community is essential for long-term success. BlackFort currently has a user base of about 500,000 users across its services. This growing community strengthens our ecosystem and enhances our ability to provide value to all.
- **Comprehensive Legal Framework:** As mentioned earlier, BlackFort works closely with legal professionals to establish a strong legal foundation, ensuring that our platform remains secure, transparent, and compliant with regulations.

By addressing these key areas—real estate access, platform development, investor community growth, and legal compliance—BlackFort positions itself as a leader in the real estate tokenization industry. Our holistic approach allows us to offer a secure and transparent environment.

BXN as a Utility

The BXN token plays a crucial role in the BlackFort ecosystem. It will fuel transactions for tokenized assets, acting as a payment method for these assets in the near future. As the BlackFort platform continues to evolve, BXN will become a central part of the tokenized asset landscape, offering a secure and efficient way to facilitate transactions.
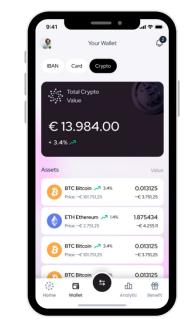
BlackFort Pay E-Money Services

At BlackFort, our mission is to revolutionize the way individuals and businesses interact with their finances. We are developing an innovative application that seamlessly integrates both fiat currency and cryptocurrencies, providing users with a unified platform to manage their funds effortlessly. This means you can buy, sell, and spend your money—whether in traditional or digital form—all in one convenient location.

In addition to basic functionality, BlackFort Pay will feature a suite of advanced services tailored to enhance your financial experience. Our VIP card offerings will come with exceptional perks, including access to airport lounges, attractive cashback programs, and exclusive promotions. This makes BlackFortPay the go-to solution for all your financial needs, ensuring safe and convenient management of your money.

BXN as a Utility

Within the BlackFort E-Money app, the BXN token plays a pivotal role in unlocking a range of exclusive benefits. By holding or utilizing BXN, users can access discounts, premium services,

and unique memberships, enhancing their overall financial journey. Additionally, BXN holders can enjoy cashback opportunities on popular services, including music and video streaming subscriptions. Our commitment to delivering value through BXN underscores our goal of making your financial interactions not only efficient but also rewarding.

For more information about BlackFort Pay visit our website blackfortpay.com

BlackFort Payment Solution B2B

BlackFort Payment Solution is going to be a B2B platform that simplifies payment processing and transaction management. Businesses can create accounts to process payments, settle transactions in bulk, and manage funds securely. With support for cross-border settlements and integration with existing financial systems, BlackFort enhances efficiency for both fiat and digital currencies, providing real-time tracking and secure, scalable solutions for businesses.

BXN as a Utility

BXN, as a utility token within the BlackFort ecosystem, enhances the payment experience by offering users and consumers unique perks when purchasing products and services through merchants using BlackFort Pay. By settling transactions via BlackFort apps, customers can earn cashback in various currencies or BXN tokens, incentivizing adoption and rewarding frequent usage. In addition to cashbacks, users may also gain access to exclusive offers, loyalty rewards, and discounts from partnered merchants, further enhancing the value of using BXN. This utility creates a win-win situation, driving user engagement and boosting merchant sales through an integrated blockchain payment solution.

5. BLACKFORT ACHIEVEMENTS & STRATEGIC OUTLOOK

Global Expansion and Major Milestones

BlackFort has positioned itself as a leader in blockchain innovation through strategic development, consistent growth, and a commitment to delivering advanced solutions. Over the years, BlackFort has expanded globally, reaching new markets, acquiring customers worldwide, and consistently building an engaged community. This track record reflects BlackFort's

commitment to innovation, scalability, and user-centric technology, ensuring the platform remains at the forefront of the blockchain industry.

Key Milestones Achieved

BlackFort has steadily advanced its technological capabilities, pushing the boundaries of what can be achieved in the blockchain ecosystem. Below is a timeline of the most significant milestones in BlackFort's history, showcasing its progress and accomplishments:

- **2019 Q3** – Foundation of BlackFort as a start-up company, marking the beginning of its journey toward blockchain innovation.
- **2020 Q2** – Launch of the BlackFort Wallet App 1.0 for both iOS and Android, allowing users to securely store and manage their assets.
- **2021 Q3** – Development of BlackFort's proprietary Layer 1 SmartChain begins, a significant step toward creating a more secure and scalable blockchain infrastructure.
- **2022 Q3** – First comprehensive blockchain audit completed by Certik, providing external validation of the security and integrity of BlackFort's platform.
- **2023 Q1** – Launch of the BlackFort Layer 1 SmartChain, a major achievement that underpins the future development of the entire ecosystem.
- **2023 Q2** – Release of the BlackFort Wallet App 2.0, offering enhanced features and improved user experience.
- **2023 Q3** – Milestone of 100,000 nNFTs minted on the BlackFort Blockchain, demonstrating strong network engagement and growth.
- **2024 Q1** – Pre-registration for BlackFort Pay begins, paving the way for the company's entry into the e-money space.
- **2024 Q1** – 150,000 nNFTs minted, showing continued user interest and interaction with BlackFort's token ecosystem.
- **2024 Q2** – BXN token adoption through centralised exchange listings goes live on four leading cryptocurrency exchanges, further expanding BlackFort's reach into global markets.
- **2024 Q2** – BlackFort Wallet surpasses 300,000 downloads globally, a testament to its growing user base and accessibility.
- **2024 Q3** – Surpassing 350,000 active users, establishing BlackFort as a rapidly growing ecosystem.
- **2024 Q4** – 10 million error-free blocks produced on the BlackFort Blockchain, a reflection of its robustness, stability, and efficiency.
- **2024 Q4** – Global Blockchain Upgrade Event: BlackFort hosts a significant global upgrade event, showcasing its technological advancements and commitment to ongoing development.

- **2024 Q4** – Second complete blockchain audit by Certik, reinforcing BlackFort's dedication to transparency, security, and continuous improvement.
- **2024 Q4** – Launch of nNFT delegation to validator nodes, introducing new opportunities for decentralized participation in network governance.

Future Outlook: Expanding Horizons with Innovation

While BlackFort has already achieved significant milestones, the future holds even more transformative developments. The company remains deeply committed to innovation, ensuring that the BlackFort ecosystem continues to grow and evolve with the rapidly changing landscape of blockchain technology.

Upcoming Launch of BlackFort Pay

One of the most anticipated developments is the upcoming launch of **BlackFort Pay**, a groundbreaking e-money payment solution. This service will enable users to seamlessly integrate digital assets into their everyday transactions, offering a secure, scalable, and cost-effective way to interact with cryptocurrencies. With BlackFort Pay, the company will bridge the gap between traditional finance and the blockchain world, providing users with enhanced accessibility and convenience.

Legal Framework for Asset Tokenization

Simultaneously, BlackFort has also established a comprehensive **legal framework for asset tokenization**, setting the stage for the tokenization of real-world assets on the blockchain. This framework will soon support the launch of the first tokenized real estate projects, enabling secure and transparent ownership of physical assets in a decentralized manner. By facilitating the tokenization of assets, BlackFort will offer both businesses and individuals a new way to participate in the digital economy, bringing real-world value onto the blockchain.

Vision for Growth and Technological Advancement

BlackFort's future is driven by a well-structured and forward-thinking strategy, underpinned by strong financial backing and a commitment to innovation. Over the coming years, the company will focus on refining its current product offerings, enhancing the blockchain's infrastructure, and introducing new technologies designed to support the

growing needs of its users. Whether it's improving transaction speeds, increasing scalability, or launching new decentralized applications (dApps), BlackFort is poised to remain at the forefront of blockchain development. The future of BlackFort is bright, as it continues to innovate and expand its global presence.

6. COMMITMENT TO CORPORATE SOCIAL RESPONSIBILITY

Charitable Donations

BlackFort is dedicated to giving back by supporting various charitable initiatives and community programs. A portion of the funds raised by the company is allocated to these causes. In some instances, BlackFort selects the recipients directly, while at other times, this decision is entrusted to the sales team or determined by a community vote. The community has the opportunity to participate in these decisions through carefully curated polls conducted directly on the BlackFort Blockchain, using their dedicated VOTE tokens. Regardless of the method, every donation made and the chosen cause will be transparently shared with the public via the official X (formerly Twitter) account, ensuring full accountability.

Active Community Engagement

BlackFort's social responsibility extends beyond donations to include active community engagement. This can involve fundraising for local charities, providing volunteers for community efforts, sponsoring local events, hiring local employees, promoting local economic development, and adhering to fair trade practices. When the community selects a cause or a specific initiative, BlackFort may send a representative or a community member to present the donation or offer volunteer services. This individual, along with the details of the contribution or service, will always be publicly disclosed on the company's X (formerly Twitter) account, ensuring transparency in all corporate social responsibility efforts.

Upholding Ethical Marketing Standards

BlackFort is firmly committed to ethical marketing practices. This means the company refrains from discrediting individuals or organizations and ensures that all marketing materials are honest, transparent, and supported by official statements and the company's core values. Additionally, BlackFort strictly avoids the spread of false information or misleading advertising, either about its own offerings or any other party. All affiliate marketers are bound by the company's terms of

service and are prohibited from promoting the product in an irresponsible manner. BlackFort's founders and leadership team place a high priority on maintaining integrity in all marketing and sales strategies, emphasizing transparency and accountability as key pillars of their approach.

Through these initiatives, BlackFort demonstrates its commitment to creating a positive social impact while building trust and transparency within its community.

7. THE CORPORATE STRUCTURE

Blackfort maintains a complex and strategically vital global network of companies and entities, essential for ensuring uninterrupted and competitive business operations. This intricate framework not only facilitates compliance with the diverse regulations and laws across various markets and industries but also plays a crucial role in safeguarding our users. By leveraging this extensive network, Blackfort enhances operational resilience and mitigates risks, ensuring a secure and reliable experience for all stakeholders involved.

8. SOCIAL MEDIA

www.blackfort.com/socials

9. LEGAL

Legal Disclaimer

This whitepaper has been issued and compiled on October 1, 2024, and should be read in conjunction with the associated terms and conditions (the "Terms").

This whitepaper does not constitute a prospectus for the purposes of any applicable prospectus directives or regulations, nor is it intended as an offer document of any kind. It is not a solicitation for investments in securities within any jurisdiction mentioned or otherwise.

The purpose of this whitepaper is to provide prospective purchasers with information about the project and its vision, enabling them to make informed decisions regarding the purchase of the

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Amendments and changes to this whitepaper may be made at any time without notification. Only the latest version published on the designated website shall be considered valid, while older versions shall be rendered invalid.

No responsibility is accepted for any losses, damages, or harm arising from participation in this token sale. BXN shall not be used for speculative, investment, or financial purposes.

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No warranties of any kind are made regarding the BXN proposed to be issued, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or infringement of third-party intellectual property rights. By receiving and retaining this whitepaper, the recipient warrants that they have not relied on any warranties made by the organizers or any other person on their behalf. Purchasing BXN is at the buyer's own risk.

To the fullest extent permitted by law, no liability is accepted for any damages of any kind arising from the use of the website or tokens, including but not limited to lost profits or trading losses.

Participants in the token sale acknowledge that they are not purchasing BXN or BXN Node NFTs for investment, speculation, or financial purposes.

This whitepaper contains forward-looking statements reflecting current views regarding execution roadmaps, financial performance, business strategy, and future plans. Such statements involve risks and uncertainties. Factors could cause actual results to differ materially from those indicated.

All forward-looking statements are made as of the date of this whitepaper and are subject to various risks and uncertainties. Prospective participants should carefully consider these factors before making any purchase decisions. No statement in this whitepaper constitutes a profit forecast or implies future earnings.

Risk Statement

Investing in cryptocurrencies involves various risks that potential purchasers should carefully consider before making any decisions. These risks include:

1. **Legal and Regulatory Risks**: The regulatory environment surrounding cryptocurrencies is rapidly evolving and varies by jurisdiction. Changes in laws, regulations, or government policies could adversely affect the value and utility of digital assets.
2. **Market Risks**: The value of cryptocurrencies can be highly volatile and subject to fluctuations due to market demand, liquidity, and other factors. Investors should be aware that market conditions can lead to significant losses, and past performance is not indicative of future results.

3. **Operational Risks**: The technology and infrastructure underlying cryptocurrencies involve operational risks, including potential security breaches, technology failures, and reliance on third-party services. Any disruptions could impact the ability to transact or access digital assets.

4. **Financial and Tax Implications**: The tax treatment of cryptocurrencies remains uncertain in many jurisdictions. Potential purchasers should seek independent financial and tax advice to understand the implications of their investments, including reporting obligations and tax liabilities.

In light of these considerations, it is strongly advised that potential purchasers thoroughly review all associated risks and seek independent financial and legal advice tailored to their specific circumstances before investing in cryptocurrencies.

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