



# WHITEPAPER

*October 2022*



# ABSTRACT

*This Whitepaper introduces our partnership with Hyperledger, and lays out our vision in this space.*

*We will discuss the purpose of NXT Technologies, what it accomplishes, and who is participating.*

*We will discuss the influence of Blockchain technology on old and new markets.*

*And finally we will detail a roadmap for a new generation of multiparty systems—powered by NXT Technologies' platforms, tools, and libraries.*

*We anticipate readership from a diverse global audience, and have tried to make the language and descriptions as accessible as possible.*



## VISION

*NextChain has a Governor Council that vets and approves new projects onboarding onto the platform.*

*This provides an extra layer of security for Nextreme Validator or NXT token holders, which most investors do not possess.*

*This will ensure, exclusive, premium-level projects on our network.*

*We envision a powerful network of like-minded entrepreneurs creating an empowering environment in which new business opportunities thrive.*



The Blockchain industry faces many significant issues—incoming regulations, slow network and transaction speeds, high fees, lack of trust, and weak security, among others.

**We combat all these issues with our enterprise Blockchain that operates as a permissioned network. This provides accountability, scalability, security, privacy, cost/time efficiency, and other benefits.**

Furthermore, NextChain is foundationally built on Linux Foundations Hyperledger software, which is supported by industry giants such as IBM, Intel, and Samsung. This ensures that our Blockchain remains stable regardless of future laws put forward by the government or other regulating bodies.

Recently, there has been a paradigm shift in the Blockchain industry from cryptocurrency (like Bitcoin) to the **Blockchain-as-a-Technology** solution (like Ether).

## EXECUTIVE SUMMARY

Ledgers are needed to record transactions or business-to-business interactions in a commercial ecosystem. Anyone can use Blockchain technology to establish a business network that uses a central intermediary to record transactions. Those networks can use Distributed Ledger Technologies (DLTs) to record commitments, deals, exchanges, and other sensitive assets. The distributed ledger accomplishes this decentralized network by providing each member of an ecosystem with an identical copy of the system records.

Presently, most enterprise-level Blockchain solutions are template-based, time-consuming, costly, and inefficient. And this is because the creators of these blockchains don't specialize in Blockchain technology. Or, their Blockchain is plagued by too many approval layers, which results in inefficiencies.

Furthermore, they generally neglect the importance of a community organically supporting the project, as we see with blockchains like Ethereum or Cardano.

**NXT Technologies is hyper-focused solely on the Blockchain and is a lean, highly specialized team of experts. This hyper-focus results in high efficiency and low overhead costs, benefitting our clients.**

Additionally, unlike many of our competitors, we will highlight the significance of COMMUNITY to propel our ecosystem and bootstrap new onboarding projects.



# A REVOLUTION

## *The DLTs that underlie blockchains will revolutionize commerce*

*Additionally, many business and technology leaders ignore potential applications and value because Blockchain is often thought of only as Bitcoin and other cryptocurrencies. However, Bitcoin is no more than a use-case of Blockchain technology.*

## *The Blockchain has broad usefulness*

*The Blockchain offers compelling value propositions outside the financial sector—enterprise integration, auditing and logging, monitoring, reporting, regulatory requirements, authentication, authorization, and accounting requirements.*

*All the above use cases can provide at least one of the following key business opportunities—new growth opportunities, a sustainable competitive advantage, time saved, costs reduced, and risks mitigated.*

*Moreover, enterprise-level Blockchain solutions must guarantee accountability, privacy, scalability, and security. And to achieve that, we need an incentive system to maintain those guarantees.*

*For these reasons, NXT Technologies has the ability to transform numerous established businesses, and generate new business models in developing markets.*



## 3-Tier Node Network ( Consumer / Coder / Digital Node )

### ① *Nextreme Node*

*License (Validator Node License)*

The Nextreme Node will be the heart and bones of NextChain; it will keep the Blockchain alive. Each Nextreme Node will store the entire history of the Blockchain, making it decentralized and impossible to be tampered with. And it will run the **Consensus Mechanism** that will make possible the proposal and validation of new blocks for the Blockchain.

NXT Technologies has allocated 500 million NXT to reward the owners of those Nextreme Nodes for fulfilling those two primary needs of NextChain.

### ② *Nextreme Server (Consumer Server)*

The Nextreme Server is the machine made by NTX Technologies to run the Nextreme Node Software. It will be an x86-based machine and, soon, an ARM-based single-purpose machine architect for that specific use-case.

The Operating System of the Nextreme Server will be a custom version of a Linux OS, Ubuntu. It will be capable of running the Nextreme Software, and can also host the Home Cloud Service and Home Automation Hub Service.

### ③ *Nextreme dev-Server (Developer Server)*

The Nextreme dev-Server is the backbone of the Nextreme Server. It allows developers to add custom functions for their projects—increasing the use of our Nextreme server.

This machine is aimed at developers and doesn't have a specific use-case; it is possible to configure it with any CPU and RAM. It has a wider variety of Input/Output interfaces to give developers the freedom to create.

## NXT NODE BASICS



# COMMUNITY

*In an industry that relies on individuals exchanging value with one another and combining into a decentralized consensus...*

## **NOTHING MATTERS MORE THAN COMMUNITY**

*NXT Technologies harnesses its community's power as a varied, growing talent pool to build the NXT Technologies ecosystem.*

*We empower our community members using a free-market model to drive growth. We will perform critical audits and vet projects—ensuring a secure and risk-free ecosystem on the NXT Technologies network.*

*NXT Technologies will achieve success through a combination of community-generated promotion in tandem with the development efforts of the team and partners.*

*Blockchain communities are where like-minded individuals can interact, making the user experience engaging and fun.*





# OVERVIEW

## ❶ *Why does NXT Technologies exist?*

As explained on previous pages, the Blockchain is a transformative technology that is much more than just Bitcoin or Ethereum. But there are many current issues, keeping many blockchains from fulfilling their true potential.

We have addressed many of these issues with a **permissioned** Blockchain that solves certain problems and provides immense benefits to our clients, among them *enterprise users*.

## ❷ *What Does NXT Technologies Do?*

NXT Technologies is primarily concerned with consortium networks that connect several stakeholders to speed up crucial, confidential business processes and transactions. These networks, or multiparty systems, are modular and adaptable enough to handle various sectors and use-cases. Thanks to the varied and expanding NXT Technologies ecosystem, they can interact with legacy systems or even access a cryptocurrency **MAINNET**.

Enterprise can combine technologies to balance privacy and performance and build permissioned, permissionless, or hybrid networks.

Hyperledger technologies can be implemented everywhere. There is an abundant amount of use-cases for Blockchain.

## ❸ *Who is involved?*

NextChain is foundationally built on Linux Foundations Hyperledger software. Hyperledger is a project hosted by the Linux Foundation to help developers and companies work together to build collaborative Blockchain projects. Designed by industry giants such as IBM, Intel, Samsung, and supported by J.P Morgan, and American Express, among many others. In this way, we ensure that our Blockchain remains stable regardless of impending future laws put forward by the government or other regulating bodies.

*NextChain will be a global, permissioned open-source solution for enterprise, private, or public deployers, architects, and engineers.*





# ENTERPRISE

## ENTERPRISE INTEGRATION

- Integration with the current **System of Record (SoR)**: The solution must support current and established techniques, including reporting and analytics, business intelligence, and **Customer Relationship Management (CRM)**. The fact that these systems are generally allocated significant investments and are integrated into many different operational aspects of a firm underscores the significance of this integration.
- The SoR may be maintained as a temporary strategy to implement Blockchain. However, the transactions are not processed more than once.
- Enterprise adoption is accelerated along the route of least disruption. Due to the associated costs and operational inconvenience, this is an essential factor.

**AUDITING AND LOGGING** — Auditing and logging take into account corporate business procedures, reporting needs, and enterprise technology preferred practices, such as change management, support, and **High-Availability Disaster Recovery (HADR)** requirements. For non-repudiation, technological root-cause analysis, fraud analysis, and other enterprise systems, requires that we abide by regulations about regulated systems.

**MONITORING**—Monitoring the system is essential because any systemic impact—a business or technical anomaly—will affect the network and ecosystem participants. Additionally, we must adhere to laws and commonly accepted IT standards for high availability, capacity planning, pattern recognition, and fault identification.

**REPORTING AND REGULATORY REQUIREMENTS**— Even for the temporary deployment of a Blockchain as a transaction processing system, this is by far the most crucial stage. To offload the reporting and regulatory needs until the Blockchain, or the business software, is Blockchain aware, it is, therefore, advisable to build interfaces to existing SoR.

**AUTHENTICATION, AUTHORIZATION, AND ACCOUNTING**—In contrast to the permissionless environment of the Bitcoin Blockchain, all participants in a permissioned enterprise network must be identified, tracked, with clearly defined roles. The digital identities of the many people and companies participating in a Blockchain network are among the subjects that fall within this domain. To meet the numerous authentication and authorization requirements of a Blockchain network, concepts such as a distributed or decentralized trust, digital identity, self-sovereign identification, consent management, and **Distributed Access Control (DACL)** are developing.



## NEW BLOCKCHAIN INVESTMENT

The Blockchain industry has a high-entry barrier due to the cutting-edge technology needed to execute such a venture. This includes setting up a wallet, managing types of tokens, and a deep understanding of the technology. We aim to combat this by actively updating our platforms to make the user experience as seamless as possible. Adopters new to the Blockchain industry will find working and investing with NXT Technologies a fluid and enriching experience.

Furthermore, the more experienced Blockchain investor will gravitate toward our platform for the same reason, making NXT Technologies adaptable to more experienced Blockchain investors.

## LAUNCHPAD

### 1000x AND BEYOND

For new projects to take part in our network, they have to be approved by the NXT Technologies governor. The projects will undergo a RIGOROUS vetting process, including a smart-contract audit, KYC, community and social media audit, and general project screening. This makes our Blockchain a **HAVEN** for new projects to launch.

### NXT Technologies will act as a launchpad for new and innovative projects.

Consequently, more fun and ambitious projects can come into our platform and be bootstrapped by our team and community while simultaneously merging both populations. This system will allow NXT Technologies to expedite continued organic community growth.

Furthermore, it will maintain a part of the classic, small-cap projects that brought us names such as Dogecoin, Shiba Inu, and Safemoon, to name a few. These projects are a must; our team and colleagues have participated and personally been a part of the 1000x-and-Beyond concept and were greatly rewarded. If and when we decide to introduce a project of this type, we will be sure to implement all of our security measures for a fun and fulfilled experience for our community and investors.



## *Why Enterprise Blockchain?*

*No business can thrive working alone.*

*Several institutions can accomplish more than anyone could on their own.*

*Procedures can be made more cost-effective by implementing business processes that use the group's collective expertise.*

*It is possible to design new systems that were not feasible before Blockchain.*

*These new possibilities give many businesses a competitive edge.*

*With the help of a Blockchain, organizations may interact safely and distributedly while creating new prospects for new business models, ecosystems, and economic situations.*

*These new prospects will help many organizations generate new revenue streams, develop vital technologies, outpace the competition, and possibly eliminate certain rivals from the value chain.*

*A **Know Your Customer (KYC)** application can leverage Blockchain to minimize friction and time to verify and onboard clients faster. For instance, a digital trade chain can simplify a trade finance platform and give access to more trading partners and companies.*

# BLOCKCHAIN



# DIFFERENCES

ENTERPRISE vs. REGULAR

A Blockchain can be identified as a shared, decentralized, cryptographically secured, and immutable digital ledger.

An **enterprise Blockchain** is similar but can be distinguished by the following characteristics:

► **Accountability:** Access permissions are assigned based on business role, and network members are known and identified by cryptographic membership keys. It would be challenging to comply with laws like the General Data Protection Regulation of 2018 (GDPR) and the Health Insurance Portability and Accountability Act of 1996 (HIPAA) without such responsibility.

► **Privacy:** While network members are aware of one another, only the members who are required to have information about a specific transaction are informed of it. Enterprise Blockchain uses various methods, such as peer-to-peer connections, privacy channels, and zero-knowledge proofs.

► **Scalability:** In business contexts, handling many transactions is essential. The number of peers and the complexity of the smart contract are only two of the numerous variables that will affect the transaction rates of any given firm. Transaction speeds measured in thousands of transactions per second are certainly attainable and provide the enterprise Blockchain a significant advantage compared to conventional blockchains.

► **Security:** Enterprise blockchains are fault-tolerant, which enhances security. With fault-tolerant consensus methods, the network continues to operate even if specific nodes are not behaving correctly. RAFT is an illustration of a fault-tolerant consensus method.

► **Motivating:** A built-in incentive mechanism helps an enterprise blockchain's adoption curve grow faster. Consider this driver as a **loyalty point** or **token** that offers network providers and customers an economical and motivating incentive.

Enterprise blockchains are often wrongly labeled as private networks. In actuality, the governors, who determine the regulations surrounding how new members can join the network, manage access to an enterprise Blockchain. How the network is regulated determines whether it is visible (public or private). Enterprise blockchains are permissioned, though not necessarily private.



# PERMISSIONLESS

vs. *PERMISSIONED*

**PERMISSIONLESS** — Most of the major cryptocurrencies (like Bitcoin) run on permissionless Blockchain networks. A permissionless Blockchain allows anyone to take part in the network and access information. In short, it is decentralized and open to the public. It's called "permissionless" because there are no gatekeepers and no censorship. Anyone who wants to access the Blockchain does not need to pass Know Your Customer (KYC) requirements or provide I.D. documents.

Technically, as long as the protocol allows it, anyone can use it to do anything they want within the network. Permissionless blockchains are considered to be closer to Satoshi Nakamoto's original concept of Blockchain. Now, because it is accessible to the public, the typical trade-off of permissionless blockchains is speed. They tend to be slower than permissioned counterparts, which only have a few members.

So how do permissionless blockchains work? Typically, transaction information stored on these blockchains is validated by the public. Because there is no regulatory body or authority, the network relies on the public to reach a consensus concerning the validity of transactions. The consensus mechanisms typically used in these types of networks are Proof-of-Work (POW) and Proof-of-Stake (POS). Generally, honesty is incentivized with these mechanisms in place and keeps the system working as expected.

**PERMISSIONED** — Permissioned blockchains are blockchains that are closed or have an access-control layer. This additional layer of security only allows participants to perform authorized actions.

In a permissioned Blockchain, a user would need permission from the network owner to become part of the network. Technically, a user can only access, read, and write information on the Blockchain if they are given access to it. A private permissioned Blockchain defines the roles that dictate how each participant can contribute to the Blockchain and what they can access.

A permissioned Blockchain also supports customization. Thus, identity verification can also be done to let people into the permissioned network, instead of having the network owner approve each user. Users would perform only certain activities in the network, based on the permissions.

Also sometimes referred to as "private blockchains" or "permissioned sandboxes," permissioned blockchains are considered to be partially decentralized. This is because, unlike Bitcoin, the network is distributed across known participants.

A good permissioned Blockchain example is Ripple, which is a large cryptocurrency that supports permission-based roles for network participants.





# NEXTCHAIN

A PERMISSIONED GENERAL-  
PURPOSE BLOCKCHAIN

*For NextChain*, the Ethereum Blockchain has been an excellent starting point but is missing foundational elements that businesses and investors need, and that institutions and regulators require. Having experienced the application of the Blockchain in the last several years has shown us that companies and institutions need a Blockchain built from the ground up with the specific requirements of securities regulations in mind. NextChain addresses this need with our Blockchain built for merging the benefit of a permissionless Blockchain with the security and scalability of a permissioned Blockchain. The foundations of NextChain are focused on the most crucial regulatory elements, addressed by four fundamental design principles meant to meet the demands of regulators and institutions while unlocking the true potential of security tokens:

**1. CONFIDENTIALITY** — Protecting information and ownership privacy while providing a mechanism for accurate reporting and auditing.

**2. IDENTITY** — Ensuring that no individual or entity can create, acquire, or sell any smart contract or digital asset without a validated identity. The majority of the regulation requires issuers, in certain instances (i.e. issuances under exemptions), to know the identity or confirm the profile of their investors before investment, and continuously monitor their suitability throughout their investment. And investors have the right to be protected in all the compliance ways. Additionally, all Validators must be known, regulated entities.

**3. GOVERNANCE** — Providing an operating and governance structure for how NextChain is managed allows for curation, and protects assets from contentious forks during upgrades. This includes providing an established method for addressing and actioning proposals.

**4. COMPLIANCE** — Providing financial primitives and smart extensions to manage the financial interaction across one or more jurisdictions and enforcing appropriate rules for creating, issuing, and trading digital assets and all kinds of smart contracts while also providing the capacity to manage necessary complex restrictions and distributions on-chain.

NextChain will run the Proof-of-Stake consensus mechanism and be supported by **NXT**, the native protocol token. With NextChain, Validators stake NXT on the network and run authoring nodes. Nominators stake NXT on Validators, and both are rewarded or fined by the network based on blocks added to the chain and fulfillment of their roles. Structured in this way, we believe NextChain will bridge the gap between the application of the Blockchain technology and the needs of businesses, investors, institutions, and regulators.



# NEXTCHAIN

## STRUCTURE

### ARCHITECTURE

General-purpose blockchains typically have few primitives, that is, features built at the core of the Blockchain. Instead, elements including digital assets, digital identity, roles, and other restrictions, are implemented as smart contracts on top of the Blockchain resulting in scalability and performance challenges. However, with NextChain, those fundamentals are built into the foundation of the chain and allow users to operate the Blockchain with low predetermined costs while allowing third-party developers to deploy innovative decentralized applications (dApps) on top of the chain.

### REGULATED ASSETS

All the digital assets have built-in features including associated ownership, transfer, and jurisdictional compliance, to help balance the challenges of open, transparent, and accessible global systems.

### TOKENOMICS

NextChain established the token economy for our Blockchain to deliver utility, security, and sustainability—after rigorous research and consultation with industry experts. The core of this economy is the native protocol token that fuels NextChain, NXT, which secures and operates the Blockchain. Any transaction or use of smart contracts on NextChain is paid in NXT.

### ENABLING ECONOMY

The consensus mechanism on NextChain is Nominated Proof-of-Stake. Validators and Delegators work together to power NextChain, enabling the economy by staking within the network and acting according to consensus rules. Participants receive rewards for successful validation of blocks to NextChain. Validators and Delegators are not responsible for ensuring the compliance of a transaction, only that the transaction has been properly completed by protocol rules.

### BLOCK REWARDS

Block Rewards are shared equally by all Validators that abide by the protocol rules. Validators keep a fixed percentage of the rewards with the rest being distributed to their Delegators on a pro-rata basis per their stake in the Validator. For the block reward, NextChain allocated 50% of the total supply of NXT and the reward of each block will be calculated through a function that will make sure that the total supply of NXT will be reached in 10 years.





# TOKENOMICS

## Token Distribution 1B

A maximum supply of 1 billion NXT Tokens and **500 million tokens will be minted at launch.** The remaining 50% will be used as staking rewards governed by the minting function. Setting staking mechanisms to our supply and rewards will manage buy-and-sell pressure so we have a healthy balance in our ecosystem

## Staking / Node Rewards (50%)

500 million tokens are used as staking rewards to validators, with minting governed by equation. Staking rewards will be governed by NXT and the minting functions.

## NextChain / NXT Token:

1,000,000,000 Supply  
All Tokens minted  
on Testnet as pNXT  
Migration to Mainnet  
1:1 Ratio (NXT:pNXT)

## Ecosystem 20%

These tokens will be used for building the NXT's ecosystem. This includes marketing, incentive programs, airdrops, community, and development endowment...etc. These tokens will have the following vesting period:

- 50% will be distributed at launch
- The remaining 50% will be released 2% a month for 25 months,

## Public Sale 10%

These tokens will be used for exchange liquidity, and we can set the price we want to release them to the exchange at. There will be no vesting period.

## Acquisitions 10%

These tokens will be used for building the NXT enterprises and collaboration footprint. This includes but not limited to small to mid-sized companies that have the need for a more sophisticated private solution on- and off-chain. Some examples include medical services, manufacturing, textiles / apparel, WEB 3.0, P2E Gaming and Casinos to name a few.

This acquisition wallet will be managed by the board of directors of NXT. Any token distribution that is 2% or more of the acquisition's wallet needs to be voted on by the board of directors and a pre-determined DAO that NXT oversees on chain.

- ① 50% will be distributed at launch
- ② The remaining 50% will be released 12-months after launch.

## Strategic Partners 2.5%

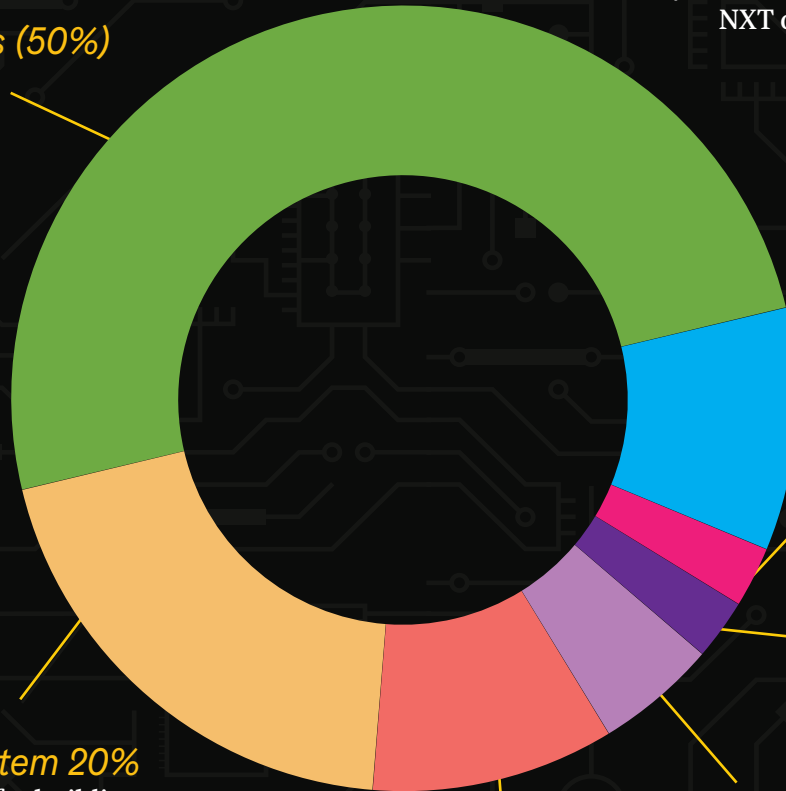
These tokens are allocated with the specific mandate of being distributed to groups, organizations, enterprises that are building their business on the NXT Technologies Inc. ecosystem. These tokens will have a specific vesting protocol.

## Team / Founders 2.5%

These tokens are allocated to the core team of NXT Technologies Inc. and will have a specific vesting protocol.

## Private Sale 5%

10% of the tokens are set aside to vetted investors. If tokens remain after they will be set aside for the public sale. Each investor will have their tokens allocated through a vesting period.



# NEXTCHAIN

## STRUCTURE

### FINALITY

Proof-of-Stake offers deterministic finality that can be instantly trusted. Validators vote on the blocks generated, and once more than two-thirds of Validators have voted in favor of a block, it is finalized. A shared characteristic of blockchains is that every new block contains details of all the previous blocks; if a block is finalized, all its previous blocks are finalized. This characteristic allows finalizing a batch of blocks in one vote rather than having to vote on every block. Batching allows the chain to remain live and scalable with guaranteed finality within seconds rather than minutes.

### GOVERNANCE

NextChain is governed by the main council, with a set of specialized sub-committees:

- ▶ **GOVERNING COUNCIL** oversees all committees with the ability to create or dissolve committees.
- ▶ **TECHNICAL COMMITTEE** overseeing network upgrades.
- ▶ **ECONOMIC COMMITTEE** overseeing network economy, including NXT emissions policy and fees.
- ▶ **CORPORATE GOVERNANCE AND NOMINATING COMMITTEE** overseeing the operation of the Governing Council and Committees, as well as the creation and implementation of NextChain governance, code of conduct, and ethics policies.
- ▶ **ADVISORY COMMITTEE (AD-HOC)** overseeing special projects and activities not covered by the Technical and Economic committees.

The Governing Council and its Committees will be comprised of NextChain participants and will be responsible for fulfilling governing duties related to their specific council or committee, e.g. reviewing proposals and voting on them. Any NextChain user with a proven identity can propose to any committee. Proposals need to be staked to prevent the system from spamming council or committee members. The Governing Council is operated by network participants and members and will be decentralized over time.



# NEXTCHAIN

## STRUCTURE

### IDENTITY

Identity is critical to every action with any kind of regulation. To present a flexible, global system of identity, we've made it core to the functioning of NextChain; all actions on the chain are mediated through a public key like most public blockchains but with an embedded identity. Identities are both universal (i.e. can be accessed throughout NextChain) for every day users and permissioned—they collect a set of claims or attestations issued by network-approved or issuer-specific authorities about the owner of the identity to be able to do determinate action. These claims can then be used to manage asset ownership, transfer, and other restrictions, as well as the operation of the blockchain's underlying consensus mechanism. Each identity has a single administration key, which can be used to add or remove signing keys from the identity. Signing keys can be used to execute actions through the identity, and also to deliver granular roles and permissions for identities and associated functionality within NextChain.

All NextChain users who want to actively participate in developing and governance need to validate their identity with a verified service provider as part of their initial onboarding.

This gives each user a validated identity, a fundamental of NextChain. While this requirement adds friction to on-boarding, it provides long-term benefits and utility to the Blockchain, leading to potential rapid adoption by institutional and regulated users. Identity service providers will need to ensure the claims of NextChain users remain up to date (continuous compliance).

Particularly, validating identities in the initial onboarding helps address a key challenge that most public blockchains ignore: **Sybil resistance**. Sybil resistance blocks users from freely creating multiple on-chain identities. By adding this feature to the base layer of NextChain, users can rely on the single identity and reputation of other users, a large barrier for more sophisticated open-finance protocols.

### *Other benefits of identity at the base layer of the chain:*

- **NXT PROVENANCE** — Slows regulated entities, including institutions, to use and acquire NXT tokens to access the network with the confidence that these tokens have a known provenance.
- **IDENTITY VERIFICATION** — Because all Validators, Delegators and Developers go through an initial identity validation, the network can mitigate the risk of users making payments to or transacting with applicable restricted or sanctioned nations, entities, or persons.



# NEXTSAFE

## CONFIDENTIALITY

Confidentiality is crucial. NextChain's confidentiality and privacy features are tailored to the needs of the financial industry and tackle three areas of concern:

1. Meeting ownership, transfer, and other restrictions without revealing confidential information.
2. Ownership privacy.
3. Satisfying the first two points while ensuring the issuer can report and audit holdings of their asset and public duty.

## NEXTSAFE

NXT Technologies continues to bridge the gap between the technical advancements of the Blockchain and enterprise solutions. Our Layer 1 Blockchain with custom validator nodes and Proof of Work authorities gives us an opportunity to build a decentralized digital safe.

Our NextChain Blockchain and Validator Node License will give businesses and consumers across the globe an innovative new utility, a digital safe called NextSafe. The digital safe will allow our node adopters the capability to ingest critical digital assets into an internal SSD drive that is only accessible via NextWallet, NextChain, or encrypted metadata.

### Example:

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Encoding of Digital Asset	<b>Step 1</b>
USB <> Validator Node Internal SSD Drive 2	<b>Step 2</b>
Validator Node <> Auto Encrypt Digital Asset	<b>Step 3</b>
Digital Asset <> NFT ( MetaData Encryption )	<b>Step 4</b>
Digital Asset Key / NFT Copy/ photo Stored on Wallet	<b>Step 5</b>
NFT Data Stored on Chain	

### Decoding of Digital Asset

Wallet Key for Validator Node Access	<b>Step 1</b>
Validator License key and Wallet key must match to decode	<b>Step 2</b>
Two-Step Phone Verification to download or send	<b>Step 3</b>



# ROADMAP

## 4TH QUARTER 2022

NextChain Mainnet and Testnet deployed  
NXT listen on a Top 10 CEX  
Website, NextScan, NextWallet  
Pre-sale  
Node 1 Pre-Development  
CertikAudit  
Initial marketing push

## 1ST QUARTER 2023

Creation of Defi ecosystem on Testnet  
DEX, NFT marketplace, lend/borrow, launchpad  
Embark/vetting of the first 2/3 project to create beta for Testnet  
Nextreme Node (Tier 1) delivery and deployment  
1000 Nextreme nodes delivered, connected/active on NextChain

## 2ND QUARTER 2023

Official launch of first 2/3 project on Mainnet  
Upgrade Blockchain to our user's specific needs  
2500 Nextreme nodes delivered/connected/active on NextChain

## 3RD QUARTER 2023

Official launch of Defi ecosystem on Mainnet  
Embark/vetting of 5-10 new projects to create beta for Testnet  
Finalization and start of staking mechanics for Block Rewards  
5000 Nextreme nodes connected and active on the NextChain



# TEAM

Rondell Fletcher – CEO

Brent Taylor – CFO

John E. Dolkart, Jr. Esq. Dolkart Law PC – Legal

Ted Campbell – Legal Advisory

Davide Cotti – CTO | Senior Blockchain Architect

Bradley Kitzul – COO | Electrical Engineer

Nikita Brown – Consulting Engineer

Devin Cooke – In-House Accounting

Brian Jaramillo – Creative Director

Larenz Hamilton – Graphic Design

Infocus Media – Media Relations / Marketing





# DISCLAIMER

The information described in this whitepaper is preliminary and subject to change at any time. Furthermore, this whitepaper may contain forward-looking statements. Forward-looking statements generally relate to future events for future performance.

This includes, but is not limited to, NXT Technologies, NextChain, NextScan, NextWallet, and NextSafe's projected performance and capabilities; the expected development of NXT Technologies Inc's business and projects; execution of its vision and growth strategy; and completion of projects that are currently underway, in development or otherwise under consideration.

Forward-looking statements represent our management's beliefs and assumptions only as of the date of this presentation. These statements are not guarantees of future performance and undue reliance should not be placed on them. Such forward-looking statements necessarily involve known and unknown risks, which may cause actual performance and results in future periods to deliver materially from any projections expressed or implied herein. NXT Technologies Inc. undertakes no obligation to update forward-looking statements. Although forward-looking statements are our best prediction at the time they are made, there can be no assurance that they will prove to be accurate, as actual results and future events could delay deployment.

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