GEN6

# White Paper of Generation 6

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## 1. Abstract

Gen6 is an ecosystem designed to make Web3 accessible, private, and practical for everyday users. Rather than focusing on exclusivity or speculative use-cases, Gen6 prioritizes trust, data sovereignty, and real utility by powering decentralized applications directly on its infrastructure. Features such as the digital statement signer, a fully encrypted messaging protocol, a decentralized event management platform, and the Gen6 app allow any user to access services for a profound digital existence with privacy options.

At its core, Gen6 embraces the omnichain premise: removing technical and experiential friction between blockchains and users without sacrificing privacy. Through native privacy-aware architecture and its Middleware solution, Gen6 enables secure Web2 integrations that minimize data exposure and eliminate unnecessary third-party tracking.

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## 2. Introduction

While blockchain technology has made significant progress in infrastructure and innovation, mainstream adoption remains limited. A primary barrier is the steep learning curve, fragmented user experience, and growing concern over data privacy. Many Web3 platforms require users to manage complex wallets, understand cryptographic principles, and interact with unfamiliar interfaces - often exposing personal data or forcing users into insecure tradeoffs - making adoption difficult for people accustomed to the simplicity and privacy expectations of Web2 apps.

Gen6 addresses this gap by offering a public omnichain infrastructure designed to eliminate these barriers. Its mission is to enable users to access blockchain-powered services without needing to understand or realize they are interacting with decentralized technology. At its core, Gen6 is focused on delivering a trust platform that is frictionless, privacy-first, and capable of securely bridging Web2 and Web3 environments.

A growing concern in the digital landscape is the prevalence of fake accounts and misinformation. Rather than attempting to solve every problem in the blockchain ecosystem, Gen6 concentrates on one main priority: **launching a user-friendly trust platform where cryptography is the base of all services.**

## 3. Vision and Philosophy

Imagine stepping into a new digital world, familiar like the internet you've always known, but one where you own and control your digital self, your identity, and your data. That is the vision behind Gen6. It bridges today's Web2 experience with tomorrow's Web3 potential, forming what we call a "Web2.5" layer: preserving the usability people expect while introducing what has been missing from the modern internet — user-controlled services secured by blockchain and privacy-first design.

Gen6 was born from the front lines of the blockchain movement. Our founding team includes early Bitcoin adopters, Ethereum security researchers, business experts and builders who have worked hands-on in decentralized systems since as early as 2013. We have organized hackathons, operated hackerspaces, hosted ecosystem-shaping meetups, and collaborated with early adopters to advance not only decentralization, but also the protection of user autonomy, digital rights, and privacy in an increasingly surveillance-driven online world.

But as we brought people together, a recurring challenge became clear: the existing tools were not built for this new world. Definitely not for mass adoption or the average user. Traditional Web2 event platforms lacked the fundamentals of trust, decentralization, and interoperability. There was no seamless way to verify on-chain identity, use POAPs for engagement, issue NFT based tickets easily, or defend feedback systems against bots. With AI advancing rapidly, we saw a growing need for a trusted platform. Since 2024 we cannot trust and verify what we see or hear online: anything can be fake and AI generated. A usable solution to restore trust in how we interact with other humans and machines is needed.

That pain point sparked the creation of Gen6. It wasn't just frustrating, it was holding back the future we were determined to build. Not as a theoretical concept or trend-chaser, but as a solution forged from real experience, Gen6 is built by those who have faced these limitations firsthand and are now creating the ecosystem to overcome them and drive positive change.

We built Gen6 to make blockchain feel invisible. Wallet setup, seed phrases, and switching chains are replaced with intuitive flows. If blockchain is to scale to everyday users, the experience must be frictionless.

The name "Gen6" holds a layered meaning, representing both a nod to "Generation Six" and the positive symbolic power of the number six. "Generation Six" signals a new wave of internet users, a generation defined by the principles of Web3, where users are mentioned as citizens rather than just consumers. This is a new society, a collective of humans who prioritize individual greatness, decentralization, privacy, and ownership. The number six also holds symbolic power, famously highlighted by Nikola Tesla as part of the "keys to the universe". Reality of the number is also understood through Character Enneagram, where six on a higher octane is the role model of someone who is over fear and ego. Six represents harmony and community - values at the core of today's digital society and what the world truly needs now. Everyone carries this pattern within, and those who embrace it to achieve greatness are welcome to Gen6.

## 4. Community and the Gen6 Expert Network

Gen6 is operated not by a central authority, but by a decentralized network of skilled individuals who contribute based on reputation, expertise, and responsibility. This system is known as the **Gen6 Expert Network** - a living, role-based framework that powers the blockchain's growth, integrity, and adaptability. The Expert Network is built around three core roles. **Validators** maintain the integrity of the chain by validating transactions, participating in consensus, and ensuring network security. **Agents** serve as connectors - representing Gen6 in partnerships, driving adoption, and linking public and enterprise environments. **Experts** are specialized contributors responsible for key areas such as development, tokenomics, events, community, business, research, and system operations.

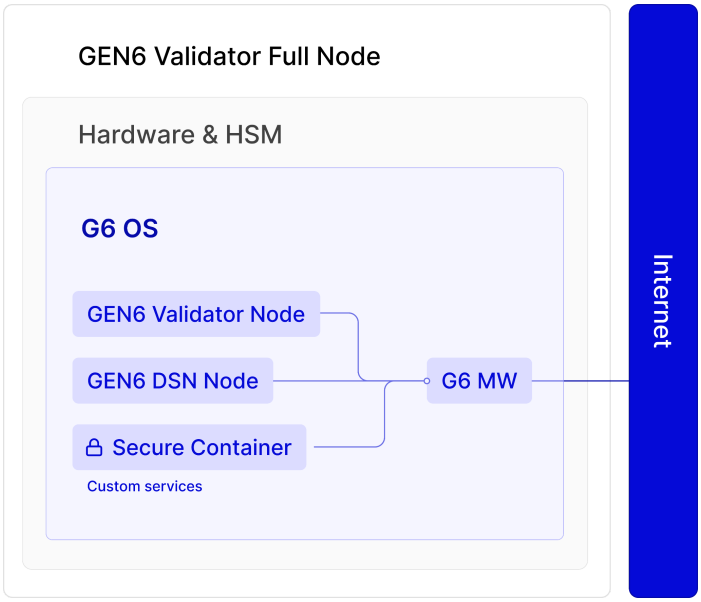
Gen6 does not require contributors to reveal their real-world identity. Participants may remain anonymous or pseudonymous, provided their contributions are transparent and their reputation is earned through consistent, verifiable action. The system is designed to value performance and accountability over identity. With the rise of artificial intelligence, Gen6 takes a clear stance: humans and AI must be explicitly distinguished. All agents in the network (whether human or AI) are tagged accordingly, and their reputation is tracked on-chain. While AI can support the system, core decision-making roles are reserved for verified human contributors. The distinction ensures that trust remains rooted in human accountability, even in a hybrid ecosystem.

The **Gen6 Expert Network** grows through trust-based expansion. New members are invited or recognized by those already contributing to the system, creating a chain of credibility and alignment. There is no mass recruitment. Each addition is intentional, maintaining the integrity and focus of the project.

**Blockchain Administrators** will have a unique role in the Gen6 ecosystem. They are specialized technical professionals responsible for understanding and managing blockchain based systems, including the Gen6 Middleware and its surrounding environment. While they are not programmers, they possess deep technical expertise that enables them to oversee network operations, configure system parameters, monitor performance, and ensure seamless integration between the blockchain infrastructure and external applications. Their role is crucial for maintaining system stability, implementing governance policies, and supporting the operational health of the Gen6 platform, bridging the gap between technical execution and strategic oversight.

## 5. Architecture Overview

G6 blockchains are composed of full and partial nodes - some run only validator nodes and middleware for increasing the security of the network - while full nodes combine all core components. A full validator node runs on G6 OS, includes a Substrate based validator using EPoA consensus, a Distributed Storage Node (DSN) for encrypted off-chain data, and the G6 Middleware (MW) that bridges on-chain logic with external Web2 services. Components run in a secure, containerized environment, enabling high performance, privacy, and seamless Web2–Web3 integration.




## 5.1. G6 Validators - Substrate Framework

G6 Validators are blockchain nodes that participate in the consensus process, validating and confirming transactions within the Gen6 blockchain network. These nodes ensure the integrity and security of the blockchain by following the rules of the consensus algorithm, contributing to decentralized decision-making and maintaining network stability.

Gen6 blockchain is built on the Substrate framework, which offers a highly modular and extensible architecture for blockchain development. Substrate allows developers to customize key components such as consensus algorithms, runtime logic, pallets and governance systems. This flexibility supports the creation of scalable, application-specific blockchains tailored to diverse use cases. Runtime upgrades on G6 blockchains allow the blockchain's logic to be altered (but not the data stored). This allows opportunities to fix vulnerabilities, deploy upgrades and add new features securely, without breaching immutability of the data.

## 5.2. EPoA - Enhanced Proof-of-Authority Consensus

We developed the Enhanced Proof-of-Authority (EPoA) consensus algorithm to address the specific performance, security, and reliability needs of community and enterprise networks. EPoA provides efficient, deterministic block validation with minimal computational overhead, ensuring fast finality and stable network operation. Integrated with our custom G6 middleware, the consensus layer gains additional performance optimizations - enabling enhanced throughput , streamlined communication, and improved node coordination. For private blockchain deployments, block time is configurable between 1 to 5 seconds, allowing tailored optimization based on network conditions and application demands.

## 5.3. G6 MW - The Middleware for Connecting Web2 and Web3

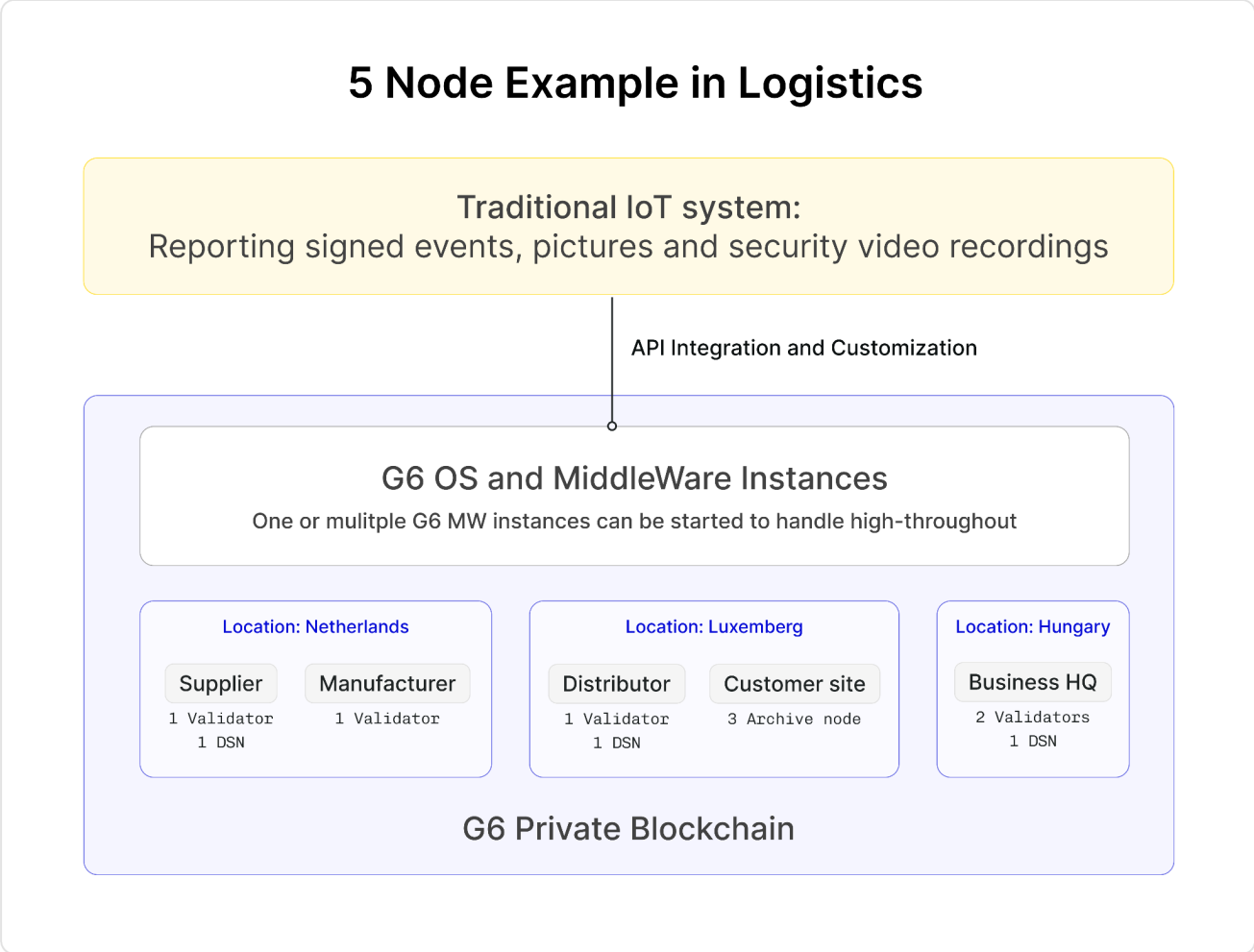
**G6 Middleware** is a core component of the Gen6 architecture, designed to bridge blockchain and Web2 environments while maximizing performance. The control is in the hands of the blockchain, rather than in the hands of the OS or other Web2 services. Decisions what needs to run and where happen on-chain, while the G6 MW takes care of the off-chain execution.

### G6 MW performs three critical functions:

**1. Interoperability with Privacy -** Built to connect ecosystems without compromising confidentiality. Seamless cross-chain communication while preserving data privacy. This makes it ideal for regulated industries, sensitive enterprise applications, and multi network collaboration.

**2. Web2 Integration -** G6 connects the blockchain to Web2 systems, allowing blockchain events to trigger external services and APIs, enabling real-world impact and enterprise interoperability.

**3. High Performance Engine -** G6 optimizes throughput with intelligent caching, transaction pre-validation, batching, and dynamic load balancing across shards and validator clusters. Combined with our Enhanced Proof-of-Authority (EPoA) and a horizontally scalable design, G6 tech stack enables Gen6 to achieve 1 million+ TPS in controlled, enterprise-grade environments.




## Core API features available through the MW:

**1. Statement Verification** features are provided on the Gen6 public chain. Without revealing the actual data, individuals, private chains or those with according permissions can verify the statements originating from private or public sources (including transactions or any type of data).

**2. Legal Teleport** implementation between private blockchains, without touching any public ledger. This trust model lets private entities communicate and transact between each other efficiently and with high throughput.

**3. Monitoring features** for the underlying system's health and performance 24/7.

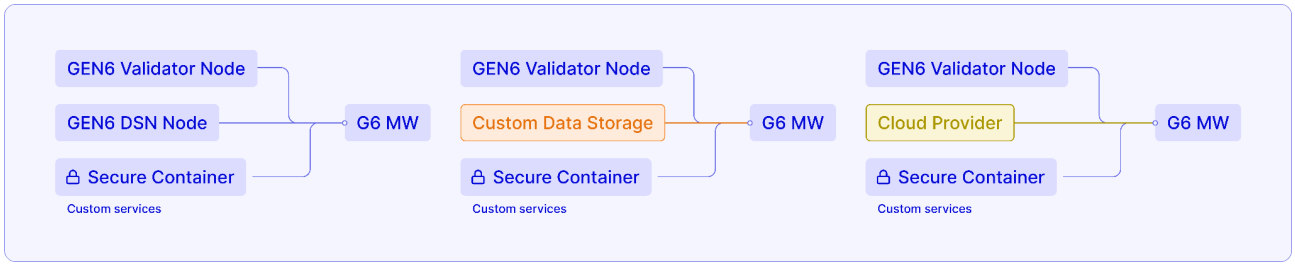
## 5.4. DSN - Distributed Storage Networks

Gen6 incorporates a **distributed storage layer** designed for durability, privacy, and decentralization. This system is powered by MW Storage, a secure solution known for its cryptographic design and high fault tolerance.

MW Storage is orchestrated by the **G6 Middleware**, which manages the routing, encryption, access control, and optimization of data across the MW Storage network. Middleware determines how data is stored and retrieved, enabling seamless interoperability between decentralized applications and the underlying storage layer.

This architecture brings a critical advantage: **regulatory compatibility without compromising decentralization.** In Gen6, only **cryptographic hashes of data are stored on-chain**, while the actual content remains off-chain in the distributed MW Storage network. This approach preserves **blockchain immutability** while offering a path toward **GDPR compliance**. Since personal or sensitive data is not immutably written onto the blockchain itself, users retain the ability to delete or restrict access to their off-chain data when required, without violating the integrity of the on chain system.

As a result, Gen6 enables decentralized applications - such as the Event Platform or the RealSeal Statement Signer - to store files, tickets, statements, or user content in a way that is **tamper-proof, transparent, and privacy-respecting,** suitable even for enterprise or regulated environments. While Gen6's DSN uses the MW Storage for decentralized, encrypted storage, **it is modular and can be replaced or extended with cloud providers (like AWS, Azure, or GCP)** or on premises storage solutions. The G6 Middleware handles storage orchestration, so it can route, encrypt, and manage data across any compliant backend. This flexibility allows enterprises or developers to choose storage infrastructure that fits their needs - decentralized, centralized, or hybrid - without altering the blockchain logic or compromising data integrity.



## 5.5. G6 OS - Operating System of Generation 6

**G6 OS** is a **Debian-based operating system** designed to support the Gen6 blockchain platform. It serves as the foundation for running blockchain nodes, middleware, and application services in a highly optimized and scalable environment.

### Key Features of G6 OS:

**1. Debian Linux Based Architecture**

- Built on Debian for stability, security, and compatibility with a wide range of software and tools, making it ideal for enterprise and production environments.

**2. Blockchain Node Management**

- Provides a streamlined environment to deploy, manage, and monitor blockchain nodes, ensuring smooth consensus operation and system performance.

**3. Middleware Service Orchestration**

- While G6 OS handles the underlying system and node operations, G6 Middleware manages service orchestration, connecting the blockchain to Web2 services and triggering external APIs based on blockchain decisions.

**4. Modular and Customizable**

- The OS is designed to be lightweight and flexible, enabling easy integration of custom modules and applications on top of the blockchain, while maintaining high efficiency and low overhead.

## 5.6. G6 Ops Manager - Node and Infrastructure Control Layer

The **G6 Ops Manager** is the control layer built on top of the G6 OS, working closely together with the G6 MW. It is responsible for overseeing node lifecycle operations, hardware orchestration, and system-wide performance management. While G6 OS provides the foundational runtime environment, the Ops Manager acts as its operational brain - enabling Blockchain Administrators to monitor, configure, and optimize both individual nodes and full networks. This opens up an entirely new era in blockchain: **Managed Blockchains.**

### Key Functions:

- **Node Lifecycle Management:** Easily deploy, restart, decommission, or update nodes and services across the network.
- **System Monitoring:** Real-time resource tracking across all active infrastructure.
- **Security & Patch Management:** Schedule and automate OS-level patches, node software updates, and security protocol enforcement without disrupting blockchain activity.
- **Hardware Scaling Tools:** Built-in support for dynamic resource allocation, auto-scaling node groups in cloud or hybrid environments.

This layer is especially valuable for validators and enterprise deployments, allowing the management of blockchain networks and services. A secure console and GUI-based interface to keep the system at peak performance.

The G6 Console is the primary web-based interface that empowers both technical and non technical users to interact with the Gen6 ecosystem. Designed for clarity and ease of use, the Console brings together critical tools, dApp access, identity control, and developer utilities in one seamless interface. The Console plays a key role in delivering Gen6's Web2.5 experience, abstracting away blockchain complexity while giving users and blockchain administrators powerful tools for digital autonomy, event creation, and community engagement.

## 5.7. G6 SDK - G6 Software Development Kit

Gen6 SDK acts as the primary interface for interacting with the Gen6 Middleware (MW) API, providing developers with the tools to build and integrate decentralized applications on the Gen6 blockchain. The SDK facilitates seamless communication between applications and the middleware, enabling the execution of blockchain logic, triggering Web2 service interactions, and leveraging performance-enhancing features like caching, transaction pre-validation, and load balancing. By using the SDK, developers can easily connect blockchain events to external systems, automate workflows, and optimize application performance while ensuring smooth integration with the blockchain's core functionalities.

## 6. Flagship Product: Fono Event Platform

Gen6 Event Platform, called “Fono”, is more than a dApp: it is a real-world validation of Gen6’s solutions. Built to eliminate fraud, fake accounts, and central points of failure in event management, it brings together all core components of the Gen6 ecosystem: cryptographic identity, digital signatures via RealSeal, web3 ticketing, distributed storage, and immutability. By enabling users to create, verify, and participate in authentic events, without needing intermediaries or even blockchain knowledge, the platform proves Gen6’s security, scalability, and usability. It is the perfect live use case to showcase how Gen6 makes decentralization not just functional, but frictionless.

### Why did we choose an event platform as the flagship product?

In the entertainment and sports industries, ticket counterfeiting is one of the biggest challenges in today’s digital market. Selling fake tickets not only disappoints buyers, but also causes significant revenue losses for organizers and artists. Counterfeit tickets waste buyers' money, reduce organizers’ earnings, compromise event security, and damage brand reputations. Additionally, fake users who deceive real participants and manipulate reviews and ratings further undermine the platform’s credibility. Gen6 App aims to completely eliminate ticket fraud and digital scams, while ensuring that ticket sales and event organization are fast, transparent, and secure.

### How does it achieve this?

Gen6 App uses blockchain technology to authenticate tickets and manage events transparently. Each registered user and event is assigned a unique cryptographic identifier, ensuring that tickets and events carry a single, non-replicable digital code. This cryptographic ID guarantees that tickets cannot be faked and that every transaction is trackable and transparent.

Furthermore, Gen6 App offers a decentralized system that enables ticketing and event management without the need for intermediaries or centralized servers to process data. This ensures that users are not dependent on any central authority or platform that could manipulate transactions. Additionally, the system automatically filters out fake users and bots, ensuring that only real participants can attend events and that reviews and ratings remain authentic and trustworthy.

## Key Early Features

- **Web OAuth Login Support**

In addition to wallet-based login, the platform supports Web2-style authentication via OAuth (e.g., Google, Facebook), allowing users to sign up and access core features without needing a crypto wallet - ideal for newcomers and broader adoption.

- **NFT-Based Ticketing**

Event organizers can issue verifiable, non-falsifiable NFT tickets. If users can't attend, they can resell their tickets on-chain in a secure, transparent way, reducing scams and counterfeits. Hosts can use their own mobile devices to scan and validate QR tickets.

- **POAP System (Proof of Attendance Protocol)**

Attendees receive cryptographically signed digital proofs that verify their participation. Organizers can attach perks, rewards, or gated content to POAPs.

- **On-Chain Identity & Avatar System**

Building the reputation of a real, verified user, who can buy/resale tickets, rate or review events, reducing manipulation and fake engagement. Each user controls their own identity.

- **Decentralized Storage Integration**

Event images, media, and metadata are stored securely and with legal compliance, ensuring that event details are preserved and verifiable 24/7 whenever it is needed.

## Engagement Incentive Tools for Event Organizers

We're excited to introduce future engagement tools designed to help event organizers create more interactive and rewarding experiences. From custom event tokens to gamified social features, prize games, and prediction markets, these innovations will deepen community connection and boost participation. These features are planned for later development and will be launched carefully, ensuring compliance and quality. This section gives a preview of the exciting possibilities ahead.

## Dynamic Token Rewards Linked to Events

Our platform offers event organizers the option to create custom event tokens that complement NFT tickets or POAPs. A powerful use case is associating specific ticket types with a predetermined amount of these tokens, which attendees receive upon purchase. These tokens can then be spent within the event ecosystem, for example, to redeem exclusive merchandise, access premium experiences, participate in mini-games, or unlock special festival activities. This creates an engaging, tangible reward system that adds real value to ticket ownership and enhances attendee interaction.

By integrating token rewards directly with ticket purchases, organizers can incentivize early sales, reward loyal fans, and create memorable experiences, all while driving token utility and circulation within their event community.

## Gamified Social Experiences

Our platform provides event organizers with tools to connect diverse communities (gamers, creators, and event-goers) through digital collectibles, exclusive in-game rewards, and real-time social gifting during live events. Imagine exclusive in-game items, NFTs, or digital rewards dropping during meetups or festivals, often sponsored by major brands.

These rewards can be directly tied to event tickets or on-site POAPs validated at entry, encouraging physical attendance and enhancing the live experience. Adding to this, our interactive gifting system enables participants to surprise each other or reward hosts with tokens or exclusive digital items during live events.

By leveraging these features, organizers can deepen engagement, boost on-site participation (or even off-site virtual events), and amplify community outreach, turning events into interactive, memorable experiences that blend digital assets with real-world moments.

## Lucky Box & Lucky Wheel

Event organizers can add an extra layer of fun by offering attendees chances to win prizes or cool merchandise through interactive games like Lucky Boxes and Lucky Wheels. Each ticket purchase includes a sweepstakes ticket to join the game. Organizers choose whether to enable this feature and decide the prizes, keeping full control over the experience.

***Prediction Market for Events****

*As a potential future enhancement further down the pipeline, our prediction market feature would let attendees place friendly bets on event-related outcomes—like who'll win, how many people will show up, or other fun possibilities. Inspired by platforms like Polymarket, this feature aims to add a playful twist that encourages engagement and sparks friendly competition. Organizers would have the flexibility to customize prediction options to fit their event, creating a unique and interactive experience.*

**optional features (heavily depends on the certain regulations in the gambling industry).*

# Revenue Model

The platform's monetization is built on delivering clear value through diverse revenue streams while preserving user freedom and decentralization. By balancing event-related fees, advertising, partnerships, and marketplace services, the ecosystem remains financially sustainable without compromising accessibility.

Importantly, a significant portion of generated revenues is reinvested back into the platform's treasury to fuel ongoing development, enhance features, and support rapid scaling, especially critical during the initial growth phase. This reinvestment strategy ensures the platform's long term growth, innovation, and resilience. The platform's revenue model is structured around several key streams designed to enable rapid scalability while generating consistent income from multiple sources:

**1. Event-Related Revenue**

A percentage of revenue from paid events organized through the platform will be collected by the platform. This includes ticket sales and other event-related services, such as promotions or premium experiences.

**2. Advertising Revenue**

The platform can generate additional income through advertising opportunities, such as banner ads, sponsored event placements, and featured listings. Event organizers and brands may pay for greater visibility and premium positioning across the platform, offering mutual benefits for targeted marketing and brand exposure.

**3. Private Chain Product Revenue Redistribution**

A portion of the revenue from the project's private chain's "Trust as a Service" offering will be redistributed into the public chain treasury. This supports the sustainability of the ecosystem and fuels ongoing development.

**4. Licensing and Strategic Partnerships**

The platform can also monetize through various licensing agreements and strategic collaborations. By partnering with other companies or platforms, it can expand its reach and generate additional revenue streams from integrated services or co-branded solutions.

**5. Secondary Ticket Marketplace:**

To enhance ticket liquidity and user flexibility, the platform supports a secure resale marketplace. This feature encourages a dynamic ecosystem while contributing to platform sustainability.

***Subscription Fees***

*A subscription model may be introduced, providing premium features and enhanced tools for both organizers and users but our intentions are to not implement such a revenue model as we advocate freedom and support event organisers.*

## Treasury-Backed Event Sponsorship

To foster real-world adoption and strengthen community engagement, the **Gen6 Treasury** will actively allocate funds to support events organized through the platform - ranging from small community meetups to large-scale festivals and industry conferences.

All event sponsorships will be awarded through a proposal-based application process, where organizers can submit detailed plans outlining the event's goals, expected reach, target audience, and required budget.

### How it Works:

**Proposal Submission:**
Event organizers submit a structured proposal including timeline, budget breakdown, expected attendance, and key performance indicators (KPIs) such as ticket sales, community engagement metrics, or media coverage.

**Funding Allocation in Two Phases:**

Phase 1 – Pre-Event Funding (50%)
Upon approval, half of the requested funds will be distributed in advance to cover essential pre-event costs such as venue booking, logistics, or promotional materials.

Phase 2 – Post-Event Reward (50%)
The remaining funds will be released after successful delivery and verification of KPIs, ensuring accountability and results-driven sponsorship. This post-event audit encourages quality execution and measurable impact.

### Goals of the Program:

- Encourage meaningful and decentralized event creation
- Provide financial and strategic support to organizers at all scales
- Drive platform adoption and real-world interaction with blockchain tools
- Promote the Gen6 ecosystem through visible, high-impact gatherings

This initiative ensures that community-led efforts are not only recognized but also materially supported, enabling a thriving event economy within the Gen6 infrastructure.

## 7. Core dApps – Gen6.Me, Real Seal, Ncrypt

While the Gen6 app and event creator stands as the flagship product, Gen6's broader vision includes foundational tools that address everyday digital needs: verifiable communication and secure data storage. Both tools are tightly integrated with the Gen6 identity system and can be used independently or embedded into third-party dApps.

**Gen6.Me** connects Web3 identities to Web2 domains via custom, personal linkfree pages. It allows users to manage and present their decentralized identities securely and privately, bridging blockchain-based credentials with everyday web presence - including the possibility to prove Gen6 Expert certificate holderships.

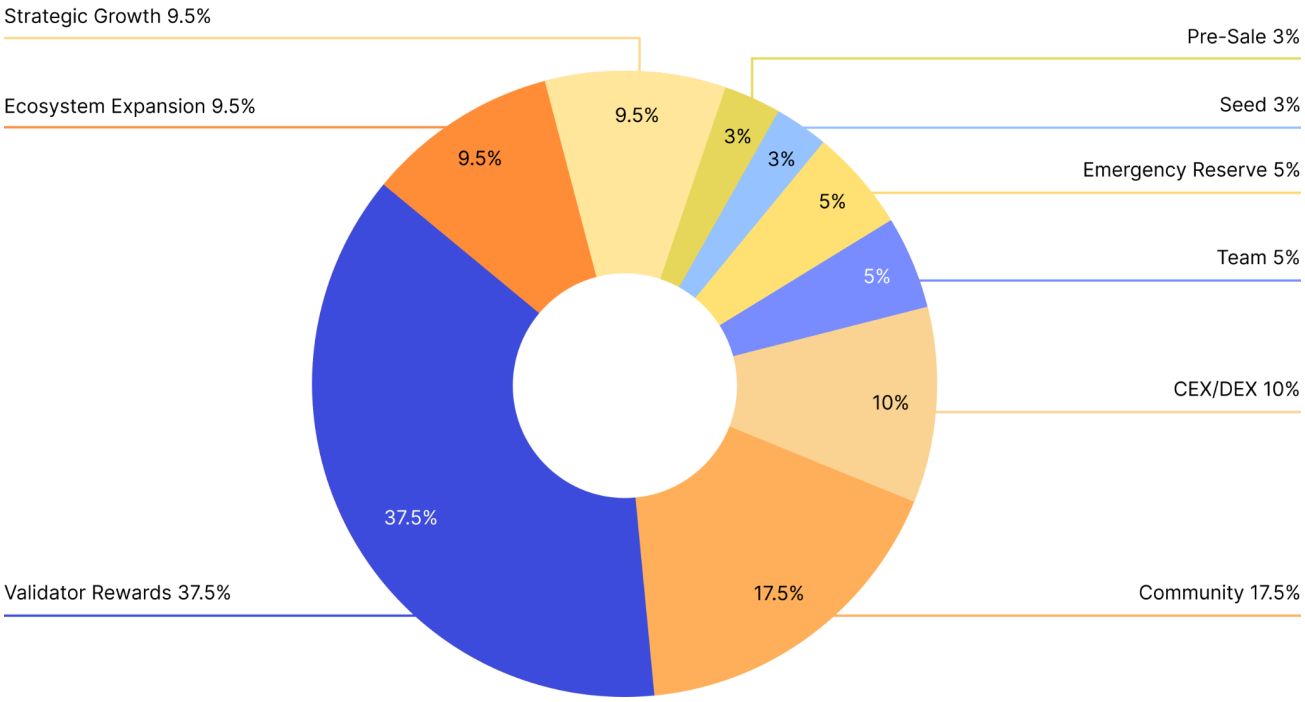
**Real Seal** lets users cryptographically sign messages, documents, or content to prove authorship and intent without intermediaries. It timestamps and stores signatures immutably on chain, enabling anyone to verify authenticity via public links or smart contracts. This is especially useful for journalists, researchers, legal professionals, and anyone needing proof of authorship.

**Real Seal IoT** is a modified version of the core Real Seal, for handling high number of signed hashes. It has its own API system and is able to integrate with IoT and embedded devices that are capable to sign messages.

**NCrypt (G6 Messager)** provides end-to-end encrypted, decentralized communication integrated with the Gen6 identity system. It ensures private, secure, and censorship-resistant messaging without relying on centralized servers.

Together, these core dApps form a cohesive digital identity and communication toolkit designed to be intuitive, developer-friendly, and interoperable, strengthening the foundation of the Gen6 ecosystem while providing users with secure, trustworthy digital experiences.

## 8. Tokenomics




The GSX token functions as a **protocol utility token** within the Gen6 ecosystem. Its primary purpose is to enable and coordinate participation across network security, service access, governance and ecosystem operations. GSX is not designed as an investment instrument and does not convey ownership, profit rights, or governance claims over Gen6 entities.

GSX has a fixed total supply of **80,000,000**, allocated across the core functions, incentives, reserves, and strategic growth pools that support the long-term development of the Gen6 ecosystem. The structure prioritizes network security, sustainable expansion, predictable vesting, and responsible management of early circulating supply.

## 8.1. Allocation Overview

### Validator Rewards — 37.5% (30,000,000 GSX)

Allocated to secure the network through long-term validator and delegator incentives. Rewards are distributed gradually based on network activity, providing a stable and predictable issuance curve.

### Community Allocation — 17.5% (14,000,000 GSX)

A reserve dedicated to ecosystem engagement and long-term community development, supporting staking rewards, contribution incentives, community programs, airdrops, developer support, and growth initiatives that strengthen participation and expand the Gen6 ecosystem.

### CEX & DEX Liquidity — 10% (8,000,000 GSX)

Reserved for centralized and decentralized exchange liquidity. Only a portion unlocks at TGE, with further deployment timed to maintain market stability and ensure smooth trading environments.

### Team — 5% (4,000,000 GSX)

**Vesting:** 24-month linear. Allocated to the core contributors building and maintaining the Gen6 ecosystem. The extended vesting period promotes long-term commitment and prevents early market pressure.

### Emergency & Stability Reserve — 5% (4,000,000 GSX)

**Vesting:** immediate. A reserve that ensures network continuity and security during unforeseen events, used only for emergencies such as infrastructure failures, regulatory or compliance requirements, urgent audits, security measures, or other critical operational needs. This allocation provides resilience and protects the network during exceptional events.

### Seed Round — 3% (2,400,000 GSX)

**Price:** 0.20 USD. **Vesting:** 18-month linear. Allocated to early strategic supporters, angel partners and contributors who participate in the foundational stage of the ecosystem's development.

## Pre-Sale — 3% (2,400,000 GSX)

**Price:** 0.50 – 1.00 USD. **Vesting:** immediate unlock, **or** launchpad-compatible vesting (e.g., 10–20% at TGE + 6–12 months linear). This round enables broad community access prior to exchange listings.

## Strategic Growth Fund — 9.5% (7,600,000 GSX)

**Vesting:** 24-month linear. A pool supporting external ecosystem expansion through strategic partnerships, enterprise integrations, cross-chain collaborations, validator onboarding incentives, institutional relationships, and market expansion initiatives, accelerating global reach and strengthening Gen6's strategic position.

## Ecosystem Expansion Reserve — 9.5% (7,600,000 GSX)

**Vesting:** 24-month linear. A reserve dedicated to internal ecosystem development, funding developer grants, hackathons, infrastructure builders, application incentives, ecosystem R&D, and community-driven innovation programs to support the continuous growth and evolution of the Gen6 network.

## 8.2. Vesting Summary

| Allocation | Vesting |
|---|---|
| Validator Rewards | Long-term emission model |
| Community | Multi-year gradual deployment |
| CEX/DEX Liquidity | Partial unlock at TGE |
| Team | **24-month linear** |
| Emergency & Stability Reserve | Immediate |
| Seed | **18-month linear** |
| Pre-Sale | Immediate or LP-compatible |
| Strategic Growth Fund | **24-month linear** |
| Ecosystem Expansion Reserve | **24-month linear** |

### GSX – Post-Presale Supply & Valuation Scenarios

| Scenario | Presale Tokens Sold | Estimated Circulating Supply (GSX) | Reference Price Used | Initial Market Capitalization (IMC) | Fully Diluted Valuation (FDV) |
|---|---|---|---|---|---|
| Moderate | 30% (720,000) | ~2,356,000 | $0.75 | ~$1.77M | $60M |
| Optimal | 60% (1,440,000) | ~3,076,000 | $0.75 | ~$2.31M | $60M |
| Best Case | 100% (2,400,000) | ~4,036,000 | $0.75 | ~$3.03M | $60M |

**Circulating supply components (for all scenarios):**

- Presale tokens sold
- Approximately 2% of total supply allocated to CEX/DEX liquidity (~1.6M GSX)
- Approximately 30 days of validator emissions (~36,000 GSX)
- Seed allocation excluded due to 18-month linear vesting

## Methodology Notes (Calculation Rationale)

- **Reference price selection ($0.75):**
  The presale price range is defined as **$0.50–$1.00.** A midpoint value of **$0.75** is used solely as a neutral reference for illustrative calculations. This does not represent a forecast, commitment, or valuation target.
- **Initial Market Capitalization (IMC):**
  IMC is calculated as: **circulating supply × reference price.** Circulating supply varies by scenario based on the proportion of presale tokens distributed.
- **Fully Diluted Valuation (FDV):**
  FDV is calculated as: **total token supply (80,000,000 GSX) × reference price.** Because total supply is fixed, FDV remains constant across scenarios.
- **Validator emissions:**
  Validator rewards are modeled at approximately **8 GSX per day per validator, assuming 150 validators,** resulting in ~36,000 GSX over a 30-day period.
- **Seed allocation treatment:**
  Seed tokens are excluded from circulating supply calculations due to an **18-month linear vesting schedule,** and therefore do not affect IMC at this stage.

## Scope clarification

These scenarios are illustrative supply-and-price sensitivity examples based on stated token distribution parameters. They are provided for structural transparency only and do not constitute predictions, projections, or financial representations.

## 9. Eco-Friendly Blockchain Solutions and Carbon Footprint Analysis

Gen6 employs devices designed to offer a highly eco-friendly solution for blockchain operations by prioritizing minimal energy consumption and a low carbon footprint. The average carbon emission factor used is 0.475 kg $CO_2$ per kilowatt-hour, based on data from countries with strict environmental regulations. These devices consume energy in different load phases: idle (8 watts), minimum load (20 watts), medium load (55 watts), and maximum load (80 watts).

Over a typical 24-hour period, the devices operate approximately 4 hours idle, 10 hours at minimum load, 7 hours at medium load, and 3 hours at maximum load, resulting in a daily energy consumption of about 0.857 kWh. Annually, this translates to roughly 312.8 kWh of energy used per device, corresponding to about 148.58 kilograms of $CO_2$ emissions per year.

It's important to note that the actual carbon footprint may vary depending on the regional energy production mix. The total environmental impact of a Gen6 infrastructure depends on the number of devices deployed, as the per-device emissions should be multiplied accordingly. In comparison, a typical gasoline car emits around 2,100 kilograms of $CO_2$ annually, while a single Bitcoin mining rig can emit between 900 and 2,100 kilograms per year. This means Gen6 devices have a significantly lower carbon footprint compared to traditional Bitcoin mining hardware, reflecting a conscious effort to reduce blockchain's environmental impact through efficient hardware design and energy management. This approach supports global sustainability goals while enabling decentralized technology to function responsibly.

**Sources:**

https://www.eea.europa.eu/en/analysis/indicators/co2-performance-of-new-passenger

https://www.epa.gov/greenvehicles/greenhouse-gas-emissions-typical-passenger-vehicle

https://news.climate.columbia.edu/2021/09/20/bitcoins-impacts-on-climate-and-the-environment

GSX runs on a blockchain using an energy-efficient Enhanced Proof-of-Authority (ePoA) consensus. This method requires minimal computing power by relying on a limited set of validators, greatly reducing energy use compared to traditional blockchains. *Key sustainability features include optimized data storage, dynamic validator activation, and support for renewable energy. Transactions consume very low energy—around 0.00035 kWh each - with an equally low carbon footprint. Overall, the platform prioritizes environmental responsibility by minimizing its carbon emissions and promoting transparent, audited sustainability efforts.*

# 10. Project Roadmap

The 2025 roadmap for Gen6 focuses on scaling its core infrastructure, enhancing the event management experience, and driving broader adoption across both retail and institutional audiences. Development is organized quarterly, with a clear progression from foundational launches to ecosystem growth and strategic expansion.

## Q1 2025 – Foundation and Gen6 Public Chain Launch

The first quarter is centered around finalizing core components and going live:

- Release of an updated, regulation-compliant whitepaper
- Partnership announcements
- Preparations for Native GSX issuance

## Q2 2025 – Feature Expansion and Real-World Integration

The second quarter focuses on maturing the platform and beginning real-world integrations:

- Feature improvements across the platform
- Launch of the second round validator sale
- Finalization of the private chain offering
- Features for the Event Management Platform
- Migration bridge through Validator support to bridge ERC20 to Native GSX
- Launch of the website redesign
- Launch of the first version of the Event Management Platform
- Initial decentralized applications (dApps) go live

## Q3 2025 – Ecosystem Growth and Governance

In the third quarter, efforts shift toward growing the broader ecosystem and launching governance:

- Onboarding of live partners
- Strategic ecosystem expansion
- Encouraging enterprise adoption

### Q4 2025 – Ecosystem Scaling and Visibility

The final quarter targets institutional credibility and public visibility:

- Gen6 Foundation
- Dedicated efforts to attract institutional adoption
- Presence at major industry conference
- Gen6 Community participation at events
- Continued marketing and brand development initiatives
- A focused marketing and public relations campaign

## 2026 Roadmap

### Q1 2026 – Market Entry

- Token pre-sale
- Token Generation Event (TGE)
- Global marketing initiatives
- Investor engagement rounds
- Mobile application release (RealSeal Lite, NCrypt Shield, Life in Gen6)
- Entry into the United States market
- FONO platform rollout

### Q2 2026 – Growth

- Ongoing customer acquisition activities
- Global Gen6 events and ecosystem presence
- Partner onboarding
- Blockchain implementations
- dApps feature improvements and enhancements

### Q3 2026 – Expansion

- Venture studio partnerships
- Private transaction functionality
- Target valuation milestone for **G6 Networks (B2B entity).** *(This valuation reference applies to the private operating company and not to the Gen6 public blockchain network.)*

### Q4 2026 – Secure Scaling

- Post-quantum security development
- Combined user base growth target: **1.1 million users**

### Roadmap Scope Note

This roadmap reflects planned development priorities and operational focus areas. Timelines and features may evolve based on technical progress, regulatory considerations, and ecosystem requirements.

## 11. Conclusion

Gen6 comes at a time when blockchain technology has a lot to offer but remains hard for most people to use. We focus on making blockchain work in the background, so users don't have to deal with complicated wallets, confusing setups, or unfamiliar interfaces.

Our platform aims to rebuild trust online by providing reliable tools for identity, communication, and event management, without depending on central authorities. Gen6 App, along with RealSeal, Gen6.Me, and Ncrypt, shows how blockchain can solve real problems users face today, without adding extra hassle.

Looking forward, Gen6 is not just another blockchain project. It is a step toward an internet where users control their own identities and data, communities can trust each other, and the technology simply works. We invite partners, developers, and users to join us in building this next phase of the internet, where humanity, trust and practicality come first.