



Lyrium (LYR) - LitePaper

Privacy. Fairness. Decentralization.

Version 1.0 - October 2025: Prepared by the Lyrium Core Team

1. The Vision

Lyrium is a privacy-focused digital utility coin that restores the principles of fairness, freedom, and decentralization to digital exchange.

Built on the CryptoNote protocol and powered by Proof-of-Work, Lyrium ensures that everyone can mine, transact, and participate equally, no matter who they are or where they live.

The project's mission is simple: create a private, fair, and sustainable network utility that anyone can use and anyone can help secure.

2. What Makes Lyrium Different

Privacy by Default

Every transaction on Lyrium is private and unlinkable.

Ring signatures and stealth addresses protect both sender and receiver details, ensuring privacy without intermediaries.

Fair Proof-of-Work

Mining is open to everyone - GPU and CPU users alike.

Lyrium's adaptive PoW algorithm evolves periodically to stay ASIC-resistant, ensuring no single entity can dominate network power.

Fast, Low-Cost Transactions

Blocks are produced every 60 seconds.

Transactions confirm quickly and maintain low fees through efficient design and balanced emission.

Sustainable Tail Emission

Lyrium's emission model supports longevity.

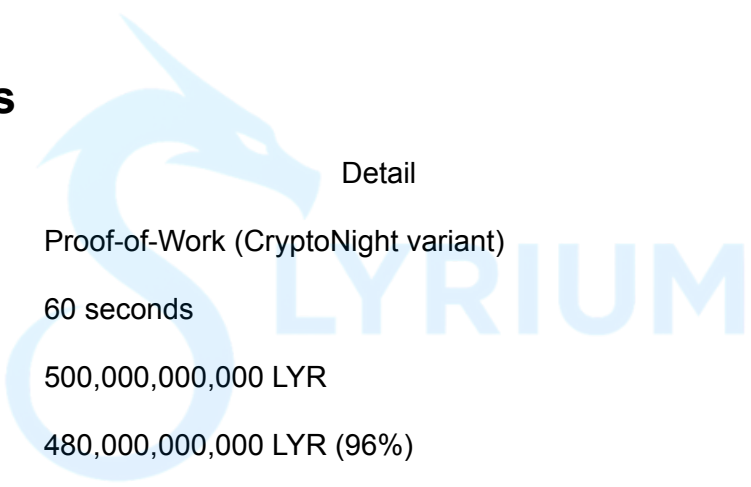
Even after the primary supply is mined, a small, ongoing block reward continues - keeping participation incentivized and the network secure without high inflation.

Decentralized Architecture

Lyrium's peer-to-peer layer uses encrypted, asynchronous communication.

There are no validators, no checkpoints, and no centralized authority - only open consensus.

3. Key Facts



Attribute	Detail
Consensus	Proof-of-Work (CryptoNight variant)
Block Time	60 seconds
Base Supply	500,000,000,000 LYR
Mineable Supply	480,000,000,000 LYR (96%)
Founder Allocation	20,000,000,000 LYR (4%)
Initial Reward	1,000 LYR per block
Emission Model	CryptoNote decay + perpetual tail emission
Minimum Fee	5.00 LYR
Privacy Layer	Ring Signatures, Stealth Addresses, One-Time Keys
Governance	Community-driven, on-chain voting planned

4. Why It Matters

Centralized systems continue to erode privacy and digital autonomy.
Most blockchains trade decentralization for convenience - or privacy for scalability.

Lyrium proves that both are possible: a fast, private, and fair Proof-of-Work network that rewards participation, not capital.

By integrating privacy and fairness at the protocol level, Lyrium empowers users to transact freely, mine equitably, and participate securely - without permission.

5. Roadmap Highlights

- Public Mining Pools - Launch open GPU/CPU mining infrastructure.
- Lyrium Node Box - Plug-and-play hardware for home participants.
- Governance Activation - Enable on-chain voting for proposals and upgrades.
- Cross-Chain Bridges - Build interoperability with major networks.
- Zero-Knowledge Extensions - Introduce advanced cryptographic privacy enhancements.

Each milestone emphasizes openness, sustainability, and inclusivity.

6. Community and Ecosystem

Lyrium is open source and community-led.

Developers, miners, and contributors maintain nodes, wallets, and services that strengthen the network ecosystem.

Join the network:

- Website: lyriumcore.com
- Explorer: explorer.lyriumcore.com
- GitHub: (released after presale)

7. Summary

Lyrium is not a financial product or investment - it is an open network utility that powers private and decentralized transactions.

By combining cryptography, sustainable Proof-of-Work, and transparent governance, Lyrium ensures privacy and fairness remain accessible to everyone.

Private. Fair. Decentralized. Forever.

Compliance Statement

LYR is a utility coin for the Lyrium network. It provides access to network operations such as mining, transaction verification, and decentralized participation. It is not designed or marketed as an investment, security, or store of speculative value. Participation may be subject to regional laws and regulations.



Appendix: LitePaper 2025 v1.1 Update (November 2025)

Section 5 – Roadmap Highlights (Addition)

- Tiered ICO Program (Q4 2025 – Q3 2026): The Lyrium ICO is a three-phase public distribution program to:
 - Tier 1 – Early Access (€ 0.0012 / LYR): Initial phase for core supporters and infrastructure funding.
 - Tier 2 – Expansion Phase (€ 0.0024 / LYR): Community and partnership round that opens when Tier 1 ne
 - Tier 3 – Public Phase (€ 0.0040 / LYR): Final public stage of the ICO, open to all participants worldwide.

Each tier opens sequentially after the previous one is nearly completed. All coins originate from the public m

Section 6 – Community and Ecosystem (Revision)

GitHub: (released after the ICO concludes)

Lyrium's ICO consists of three consecutive tiers, each forming part of a single fair-launch distribution program

Compliance

LYR is a utility coin used to power transactions on the Lyrium network. It is not an investment or security. Pa