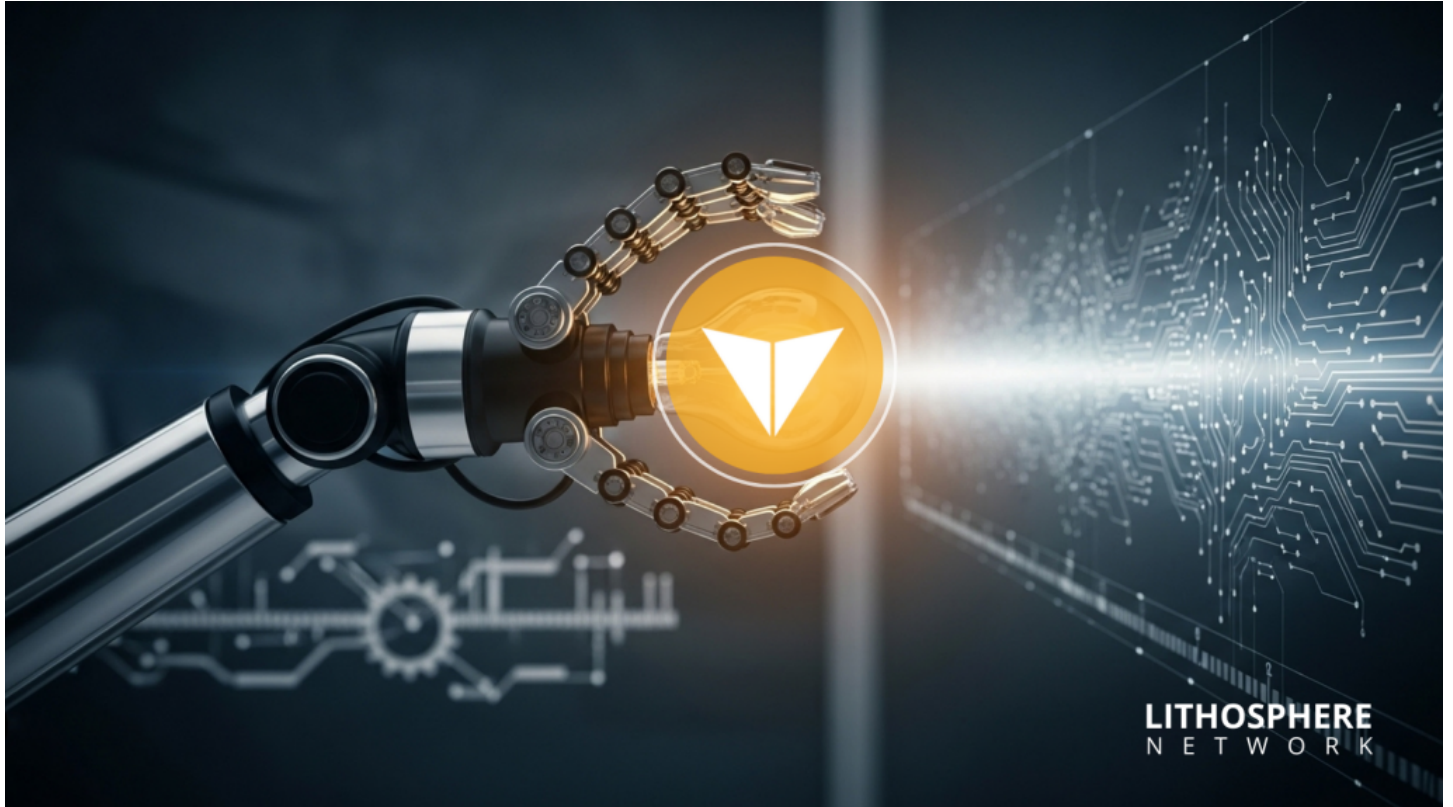


Lithosphere Advances Mainnet Launch Strategy With XRP Ledger Connectivity and Cross-Chain Web4 Support

The AI-native Layer 1 ecosystem strengthens its mainnet strategy around XRP Ledger connectivity, cross-chain coordination, and infrastructure for intelligent Web4 applications.



Singapore, Singapore Oct 4, 2026 ([Issuewire.com](https://www.issuewire.com)) - [Lithosphere](#) is advancing its mainnet launch strategy with XRP Ledger connectivity and broader cross-chain Web4 support, strengthening the infrastructure required for applications and autonomous systems operating across interconnected blockchain environments.

The strategy builds on Lithosphere's AI-native Layer 1 architecture, where cross-chain interoperability forms an important part of supporting applications that extend beyond a single network. XRP Ledger connectivity expands this approach by creating an additional pathway for interaction within the broader multi-chain digital asset ecosystem.

Lithosphere's mainnet infrastructure brings together Lithic for AI-native execution, PPAL for persistent identity, DNNS for decentralized naming and discovery, MultX for cross-chain coordination, LEP100 standards, and LITHO utility. These components are designed to provide a connected framework for developers building intelligent applications and autonomous agent systems across Web4 environments.

As blockchain ecosystems become increasingly interconnected, mainnet infrastructure must accommodate users, assets, applications, and intelligent systems operating across different networks. Lithosphere's cross-chain strategy focuses on establishing coordination pathways that can support this activity while extending the reach of its agent-focused architecture.

[J. King Kasr](#), Chief Scientist at KaJ Labs, noted that cross-chain connectivity is an important part of preparing infrastructure for increasingly interconnected Web4 applications. According to Kasr, combining XRP Ledger connectivity with Lithosphere's execution and coordination architecture strengthens the foundation for intelligent applications and autonomous agents operating across multiple blockchain environments.

About

Lithosphere is an AI-native Layer 1 blockchain platform developed by KaJ Labs to support intelligent decentralized infrastructure. Through Lithic, PPAL, DNNS, MultX, LEP100, and LITHO, the platform supports scalable execution, persistent identity, decentralized discovery, cross-chain interoperability, and autonomous coordination for Web4 ecosystems.

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