

Lithosphere Builds Trusted Coordination for Autonomous Web4 Systems

The AI-native Layer 1 blockchain platform strengthens identity, execution, and verification infrastructure to support trusted coordination across autonomous Web4 environments.



Seattle, Washington Aug 27, 2026 ([Issuewire.com](https://www.issuewire.com)) - [Lithosphere](#) has strengthened its infrastructure for trusted coordination across autonomous Web4 systems, advancing the framework that enables intelligent agents and decentralized applications to interact across connected blockchain environments. The development reinforces the platform's focus on combining verifiable execution with persistent identity and cross-chain coordination.

Lithosphere brings together Lithic AI-native execution, PPAL persistent identity, DNNS decentralized naming, MultX cross-chain coordination, LEP100 standards, and LITHO utility within an integrated Layer 1 architecture. These components provide autonomous systems with infrastructure for establishing identity, discovering services, executing tasks, and coordinating activity across decentralized networks.

Trusted coordination becomes increasingly important as autonomous agents interact without continuous human oversight. By connecting identity and naming with execution and verification, Lithosphere provides developers with a framework for building applications where agent activity can remain identifiable and structured throughout distributed workflows.

The advancement builds on Lithosphere's continued development of agent-ready infrastructure following its Pre-TGE. Strengthening coordination across these technology layers supports applications

designed for persistent machine interaction, autonomous services, and increasingly interconnected Web4 ecosystems.

[J. King Kasr](#), Chief Scientist at KaJ Labs, noted that trusted coordination is fundamental to autonomous systems operating across decentralized networks. According to Kasr, combining identity, execution, verification, and interoperability creates a stronger foundation for intelligent agents to coordinate reliably across Web4 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 delivers scalable execution, persistent identity, cross-chain interoperability, and autonomous coordination for Web4 ecosystems.

Media Contact

KaJ Labs

*****@kajlabs.com

8888701291

4730 University Way NE 104- #175

<https://kajlabs.com>

Source : Kajlabs

[See on IssueWire](#)