

Lithosphere Advances Machine-to-Machine Infrastructure for Agent Economies

The AI-native Layer 1 blockchain platform strengthens execution and coordination infrastructure to support autonomous machine interactions across emerging Web4 agent economies.



London, United Kingdom Aug 26, 2026 ([Issuewire.com](https://www.Issuewire.com)) - [Lithosphere](#) has advanced its machine-to-machine infrastructure to support autonomous interactions across emerging agent-based economies. The development strengthens the platform's AI-native Layer 1 architecture for intelligent systems that require execution, identity, discovery, verification, and cross-chain coordination without continuous human intervention.

Lithosphere's infrastructure brings together Lithic AI-native execution, PPAL persistent identity, DNNS decentralized naming, MultX cross-chain coordination, LEP100 standards, and LITHO utility. This integrated architecture provides autonomous agents with the technical foundation required to identify services, coordinate activity, and execute interactions across decentralized environments.

As agent economies develop, machine-to-machine activity requires infrastructure capable of supporting persistent and verifiable interactions between independent systems. Lithosphere continues building around these requirements, connecting identity and discovery with execution standards that allow intelligent applications to coordinate across distributed blockchain networks.

The advancement extends Lithosphere's broader focus on practical infrastructure for autonomous Web4 applications. By strengthening the relationship between execution, verification, and cross-chain

coordination, the platform is preparing its ecosystem for increasingly complex agent-driven activity and machine-based interactions.

[J. King Kasr](#), Chief Scientist at KaJ Labs, noted that machine-to-machine coordination will be an important component of autonomous digital economies. According to Kasr, connecting execution, identity, discovery, and verification provides the infrastructure agents need to interact reliably across decentralized 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.

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