

Lithosphere Establishes Foundation for Autonomous Agents Onchain

The AI-powered blockchain platform introduces foundational infrastructure to support autonomous agent coordination and execution across decentralized Web4 systems.



Singapore, Singapore May 11, 2026 ([IssueWire.com](https://www.IssueWire.com)) - [Lithosphere](#), an AI-driven blockchain infrastructure platform, has established a foundational framework for autonomous agents operating onchain, designed to support intelligent coordination and automated execution across decentralized ecosystems. The infrastructure enables autonomous systems to interact directly with blockchain environments while maintaining verifiable and scalable operations.

The framework introduces mechanisms that allow autonomous agents to execute tasks, process data, and coordinate workflows within decentralized networks. By embedding intelligent automation into onchain infrastructure, Lithosphere enables agents to operate with greater consistency and transparency across distributed systems.

This approach supports scalable interaction between decentralized applications, smart contracts, and AI-driven systems. The infrastructure is designed to enable autonomous agents to manage complex operational workflows while maintaining interoperability across blockchain environments.

[J. King Kasr](#), Chief Scientist at KaJ Labs, noted that autonomous onchain agents represent an important step in the evolution of decentralized infrastructure. According to Kasr, enabling intelligent systems to coordinate and execute tasks directly within blockchain environments supports the development of more adaptive and scalable Web4 ecosystems.

The development aligns with the broader transition from Web3 infrastructure toward Web4 systems architecture, where autonomous coordination, intelligent execution, and interoperable decentralized infrastructure form the foundation for next-generation digital ecosystems.

About

Lithosphere is an AI-powered blockchain platform designed to support scalable decentralized applications through intelligent automation, advanced validator infrastructure, and interoperable blockchain technologies.

Media Contact

KaJ Labs

*****@kajlabs.com

8888701291

4730 University Way NE 104- #175

<https://kajlabs.com>

Source : Kajlabs

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