

Lithosphere Advances AI-Native Infrastructure for Scalable Web4 Systems

The AI-powered blockchain platform enhances its infrastructure to support intelligent automation, scalability, and coordination across decentralized networks.



London, United Kingdom Apr 19, 2026 (Issuewire.com) - [Lithosphere](#), an AI-driven blockchain infrastructure platform, has advanced its AI-native infrastructure to improve scalability and intelligent coordination across decentralized ecosystems. The development focuses on embedding artificial intelligence directly into core network layers, enabling more adaptive and efficient system operations.

The AI-native infrastructure integrates machine learning capabilities into blockchain processes, allowing the network to optimize execution workflows, manage resources dynamically, and respond to changing conditions in real time. This approach enhances the performance and reliability of decentralized applications operating across the ecosystem.

Lithosphere's infrastructure is designed to support cross-chain environments, enabling developers and organizations to build scalable applications that operate across multiple blockchain networks. By combining AI-driven automation with decentralized architecture, the platform helps streamline complex processes and improve coordination across distributed systems.

[J. King Kasr](#), Chief Scientist at KaJ Labs, emphasized that AI-native infrastructure is essential for advancing decentralized technologies. According to Kasr, embedding intelligence into core systems allows blockchain networks to scale more effectively while supporting more sophisticated applications.

The advancement aligns with the broader transition from Web3 infrastructure toward Web4 systems architecture, where AI-orchestrated coordination, intelligent automation, and interoperable frameworks form the foundation for scalable and adaptive decentralized 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.

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Source : Kajlabs

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