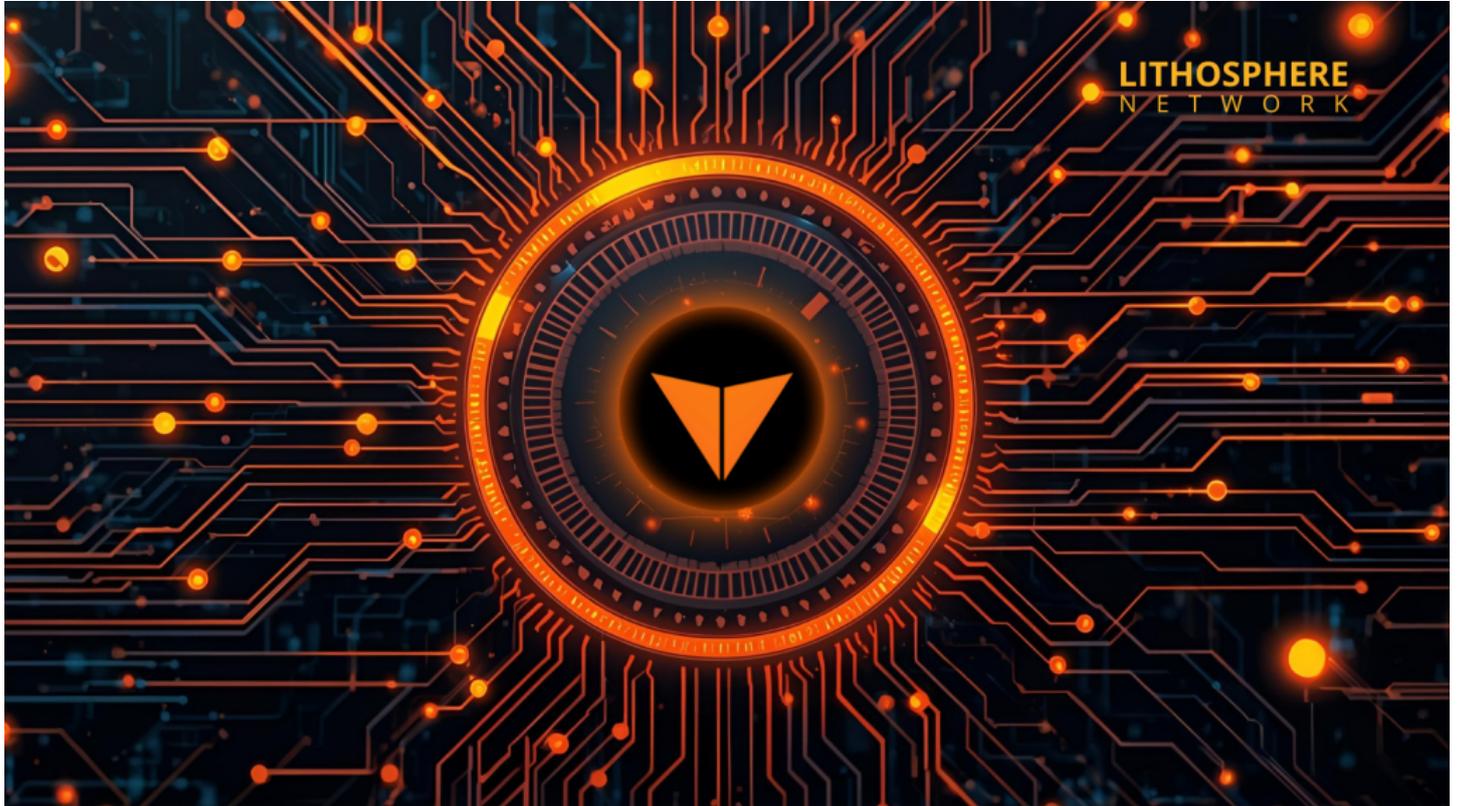


# Lithosphere Expands LEP100 Framework for Verifiable AI Execution

The AI-powered blockchain platform enhances its LEP100 framework to support verifiable AI execution and strengthen trustless coordination across decentralized systems.



**London, United Kingdom Mar 30, 2026 (IssueWire.com) -** [Lithosphere](#), an AI-driven blockchain infrastructure platform, has expanded its LEP100 framework to advance verifiable AI execution within decentralized environments. The framework focuses on enabling intelligent systems to operate with provable accuracy, ensuring that AI-driven processes can be validated without compromising transparency or security.

The expanded LEP100 framework introduces mechanisms that allow AI execution outputs to be verified through structured validation processes. By embedding verification into execution layers, Lithosphere enables decentralized applications to rely on AI-driven logic while maintaining trustless confirmation of outcomes across blockchain networks.

This approach strengthens how decentralized systems manage automated decision-making and data processing, particularly in scenarios requiring both intelligence and verifiability. The framework supports scalable execution while preserving system integrity, enabling developers to build applications that depend on reliable AI outputs within decentralized ecosystems.

[J. King Kasr](#), Chief Scientist at KaJ Labs, emphasized that verifiable execution frameworks are essential for advancing intelligent decentralized systems. According to Kasr, integrating validation mechanisms into AI workflows ensures that automated processes remain trustworthy, transparent, and

aligned with decentralized principles.

The expansion of the LEP100 framework aligns with the broader transition from Web3 infrastructure toward Web4 systems architecture, where verifiable AI execution, intelligent automation, and interoperable infrastructure form the foundation for scalable decentralized applications.

## **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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