Lithic Establishes Verifiable AI Execution Model for Autonomous Systems

The blockchain infrastructure platform introduces a verifiable execution model to support transparent and trustless AI-driven operations across decentralized environments.

London, United Kingdom Apr 13, 2026 (Issuewire.com) - Lithic, a blockchain platform focused on integrating artificial intelligence with decentralized infrastructure, has established a verifiable AI execution model designed to enhance trust and transparency in autonomous systems. The model enables AI-driven processes to produce outputs that can be independently validated without exposing underlying data or logic.

The execution model incorporates verification mechanisms that allow decentralized applications to confirm the accuracy and integrity of AI computations. By embedding validation into execution workflows, Lithic ensures that autonomous systems can operate reliably while maintaining privacy and security across distributed networks.

This framework supports the development of intelligent automation systems that require both adaptability and verifiability. By enabling trustless confirmation of AI outputs, Lithic strengthens how decentralized systems manage decision-making processes and complex workflows within blockchain environments.

J. King Kasr, Chief Scientist at KaJ Labs, emphasized that verifiable execution models are essential for advancing autonomous systems. According to Kasr, ensuring that AI-driven processes can be validated strengthens trust and enables more scalable deployment of intelligent systems across decentralized

ecosystems.

The development aligns with the broader transition from Web3 infrastructure toward Web4 systems architecture, where verifiable AI execution, autonomous coordination, and interoperable infrastructure form the foundation for scalable and trustworthy decentralized applications.

About

Lithic is a blockchain infrastructure platform focused on integrating artificial intelligence with decentralized technologies to support secure, automated, and verifiable execution across digital ecosystems.

Media Contact

KaJ Labs

*********@kajlabs.com

8888701291

4730 University Way NE 104- #175

https://kajlabs.com

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