

Lithosphere Strengthens PPAL Identity for Trusted Agent Interaction

The AI-native Layer 1 blockchain platform advances persistent identity infrastructure to support verifiable interactions between autonomous agents across Web4 ecosystems.



London, United Kingdom Aug 12, 2026 (Issuewire.com) - [Lithosphere](https://www.lithosphere.network) has strengthened its PPAL identity infrastructure to support more trusted interactions between autonomous agents operating across decentralized environments. The advancement expands the platform's identity capabilities as Lithosphere continues building the infrastructure required for intelligent applications and agent-driven Web4 systems following its Pre-TGE.

PPAL provides a persistent identity layer designed to help autonomous agents maintain recognizable identities across applications and blockchain environments. Integrated with Lithic AI-native execution, DNNs decentralized naming, MultX cross-chain coordination, LEP100 standards, and LITHO utility, the framework connects identity with the broader infrastructure required for agent activity.

The advancement addresses a key requirement for autonomous systems: establishing consistent identity as agents execute tasks and coordinate with decentralized services. By connecting persistent identity with naming, execution, and verification infrastructure, Lithosphere provides developers with a framework for building applications where agent interactions can remain identifiable across distributed environments.

Lithosphere continues expanding its Layer 1 ecosystem around infrastructure that supports practical autonomous activity. Strengthening PPAL adds another component to the platform's broader

architecture for agent discovery, cross-chain coordination, and verifiable execution across Web4 applications.

[J. King Kasr](#), Chief Scientist at KaJ Labs, noted that persistent identity is essential for autonomous systems expected to coordinate across decentralized networks. According to Kasr, connecting identity with execution and verification creates a stronger foundation for trusted agent interaction and scalable Web4 applications.

About

Lithosphere is an AI-native Layer 1 blockchain platform developed by KaJ Labs to support intelligent decentralized infrastructure. Through technologies including Lithic, PPAL, DNNS, MultX, LEP100, and LITHO, the platform delivers scalable execution, persistent identity, cross-chain interoperability, and autonomous coordination for Web4 ecosystems.

Media Contact

KaJ Labs

*****@kajlabs.com

8888701291

4730 University Way NE 104- #175

<https://kajlabs.com>

Source : Kajlabs

[See on IssueWire](#)