

## Lithosphere Advances PPAL Identity Infrastructure for Web4 Users and Autonomous Agents

The AI-powered blockchain platform strengthens PPAL identity infrastructure to support secure, persistent identity for users and autonomous agents across Web4 ecosystems.



**Singapore, Singapore Jul 1, 2026** ([Issuewire.com](https://www.issuewire.com)) - [Lithosphere](https://www.lithosphere.network), an AI-driven blockchain infrastructure platform, has advanced its PPAL identity infrastructure to support persistent digital identity for both Web4 users and autonomous agents. The enhancement is designed to improve identity continuity, secure interactions, and intelligent coordination across decentralized blockchain environments.

The upgraded PPAL framework enables users and AI-powered agents to maintain verifiable digital identities while interacting across decentralized applications and multichain ecosystems. By strengthening identity infrastructure, Lithosphere helps simplify participation while supporting trusted communication between individuals, applications, and intelligent systems.

The initiative also reinforces Lithosphere's broader Web4 strategy by integrating identity with decentralized execution and autonomous coordination. Persistent identity enables users and agents to access blockchain services more efficiently while maintaining continuity across distributed environments. As AI-native applications continue to expand, identity infrastructure is becoming increasingly important for scalable ecosystem participation.

In addition, PPAL provides a foundation for emerging use cases involving decentralized identity, autonomous agents, and intelligent digital services. The infrastructure is designed to support long-term

interoperability while enabling secure interactions across blockchain networks.

[J. King Kasr](#), Chief Scientist at KaJ Labs, noted that persistent identity will become one of the defining components of future decentralized ecosystems. According to Kasr, intelligent identity infrastructure allows users and autonomous systems to participate more securely while supporting the continued evolution of Web4 technologies.

The initiative aligns with the broader transition toward Web4 systems architecture, where persistent identity, intelligent coordination, and interoperable blockchain infrastructure enable next-generation digital experiences.

## 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

[See on IssueWire](#)