



TuumIO Ledger: Overview and Public Information

At TuumIO, we are committed to transparency and security in all aspects of our platform. Our blockchain infrastructure, the **TuumIO Ledger**, plays a vital role in ensuring the integrity and scalability of the ecosystem. Below, we provide a detailed overview of the TuumIO Ledger, its technical foundation, and how it operates to support our decentralized application networks and community.

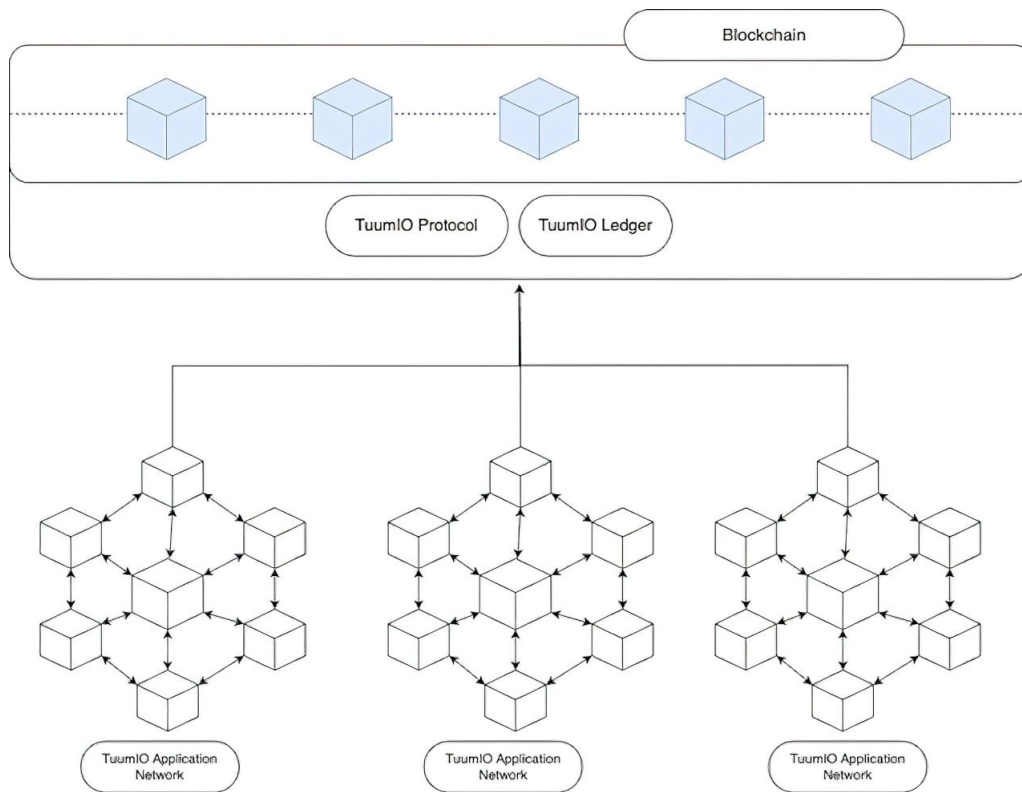
Blockchain Type and Infrastructure for TuumIO Ledger

The **TuumIO Ledger** is built on a **Go Ethereum (geth)-based permissioned blockchain**. This technology provides a highly secure, scalable, and flexible environment for decentralized applications (dApps) and networks within the TuumIO ecosystem.

- **Consensus Mechanism:**
The ledger employs a **Proof of Authority (POA)** consensus algorithm. POA is well-suited for permissioned networks, where trusted validators are responsible for ensuring fast and secure transaction validation. This consensus model enables high throughput while maintaining the highest levels of security.
 - **Operating Entity:**
The TuumIO Ledger is operated in collaboration with **Kaleido**, a trusted permissioned blockchain infrastructure provider. Kaleido ensures that our infrastructure runs smoothly and efficiently, offering enterprise-grade performance and security for all network participants. More information about Kaleido can be found [here](#).
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TuumIO Platform and TuumIO Application Networks

TuumIO is a comprehensive **Web3 platform suite**, evolving from the foundation of the **Solve.Care platform**. Designed to empower both developers and users, TuumIO provides a robust, decentralized infrastructure for applications across various industries, ensuring privacy, security, and user control.



- TuumIO Application Networks:**
 A **TuumIO Network** consists of wallet applications, decentralized apps, and user-operated **TuumIO Nodes**. Each application network interacts with blockchain, allowing the ledger to record all relevant events and activities taking place within the application network. This enables full transparency and auditability on blockchain.

Event Ledger

Every TuumIO network activity is recorded as transactions on event ledger smart contract. The event ledger scanner provides the transaction details of a specific application network activity.

Users can access detailed records of transactions and network activities through the **Event Ledger Scanner**. This scanner provides near real-time transaction information for all the interactions within the TuumIO networks. Explore the **Event Ledger Scanner** [here](#).

What's Next?

We are continuously working to enhance the TuumIO ecosystem. In the near future, we will be releasing a new version of our Whitepaper, which will include further details about the TuumIO Networks, its architecture, and the broader capabilities of the platform. We look forward to sharing this comprehensive document with the community soon.

For any additional questions or more detailed information, please feel free to reach out to us at:

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