

PERFORMANCE REPORT

Solana Validator Performance

May 2025

Blockdaemon is the #1 staking provider for institutions, offering secure, risk-mitigated rewards across more than 50 blockchain networks. Blockdaemon secures \$10 billion in staked assets and delivers 99.9% uptime. This report analyzes current Solana-ecosystem trends and compares Blockdaemon's validator performance with the network average.

Market data provided by:

Blockdaemon APIs; Rated.network

- Blockdaemon empowers Fortune 500 enterprises, banks, custodians, and trusts with secure blockchain infrastructure, including nodes, staking, wallet solutions, and DeFi products.
- Blockdaemon is ISO 27001 certified—the gold standard for Information Security Management Systems—ensuring sensitive data is managed and secured through structured controls.
- Blockdaemon's compliance standards include OFAC requirements.
- Blockdaemon has successfully completed a SOC 2 Type II compliance examination.





Market Overview

Blockdaemon's average Protocol Reward Rate (PRR) for May was 9.13%, topping the network's 8.78%.

- SOL dipped to a monthly low of \$141.39 (May 6) and reached a peak of \$187.64 (May 23).
- From epoch 781 (May 2) to epoch 795 (May 30), total staked SOL grew from 394.3 million to 397.5 million—an increase of 0.8%.
- Roughly 116 million SOL churned across epochs 781–795; inflows and outflows were nearly equal, indicating redelegation rather than net withdrawals.
- Average stake size fell from 306 SOL per delegation (epoch 782, May 4) to 99 SOL (epoch 795, May 30), showing broader participation by smaller holders.

Source: [Solana Compass](#) – Epoch-level staking data (May 2025)



May Protocol Reward Rate (PRR)

Blockdaemon
PRR Average

9.13%

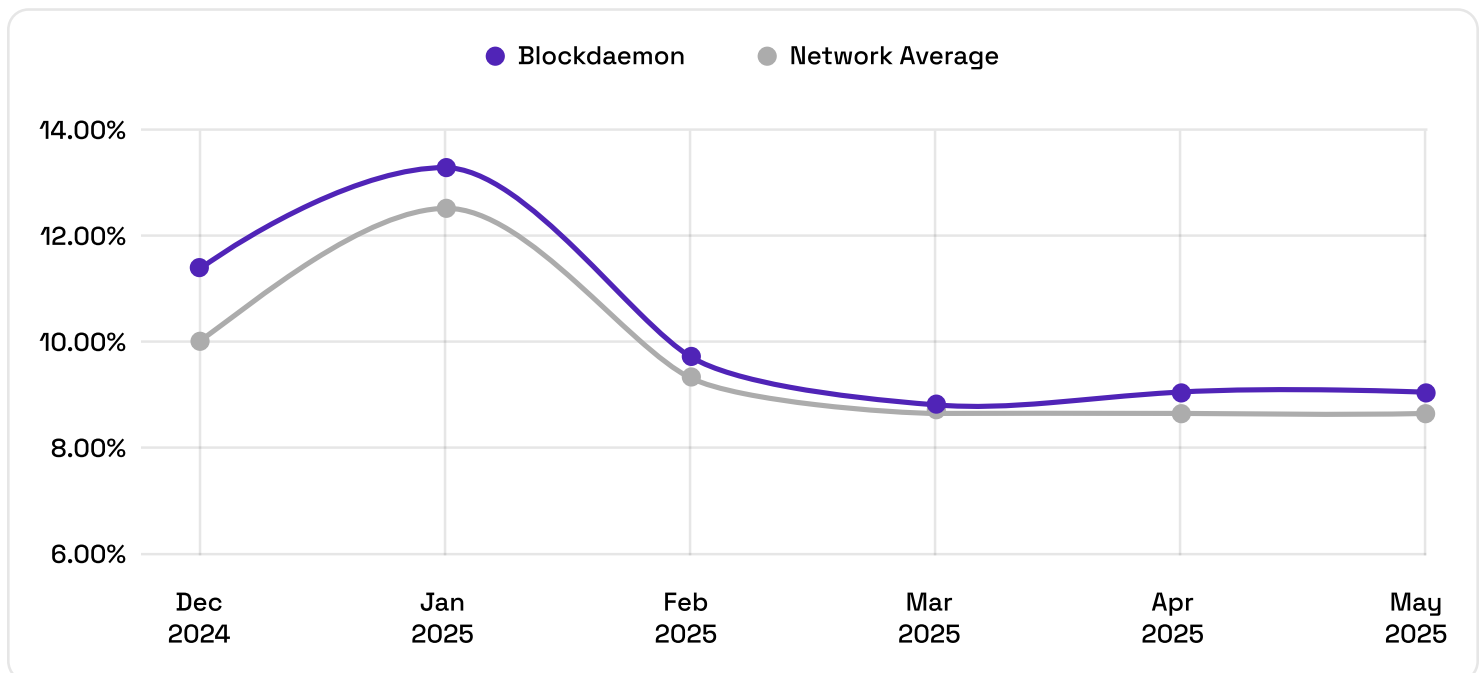
Network
PRR Average

8.78%

PRR (Protocol Reward Rate): An estimated annualized reward rate based on historical SOL-staking data and does not guarantee future results. Blockdaemon uses its own Staking Rewards Reporting plus Rated.network to track the PRR of every SOL validator it operates. PRR is calculated each epoch with the basic PRR formula:

$$[(365 \div \text{<days in epoch>}) \times \text{<gross commission + fees earned>}] \div \text{<total delegated>}$$

Blockdaemon has outperformed the network average for six consecutive months.





Solana Ecosystem Update

State of Network Stake

METRIC	VALUE	30 DAY CHANGE
ACTIVE VALIDATORS	1,203	-108
ACTIVE STAKE ACCOUNTS	969,554	-29,510

Source: [Rated.network](#) – 30-day rolling average (through Jun 18, 2025)

Validator-Client Distribution

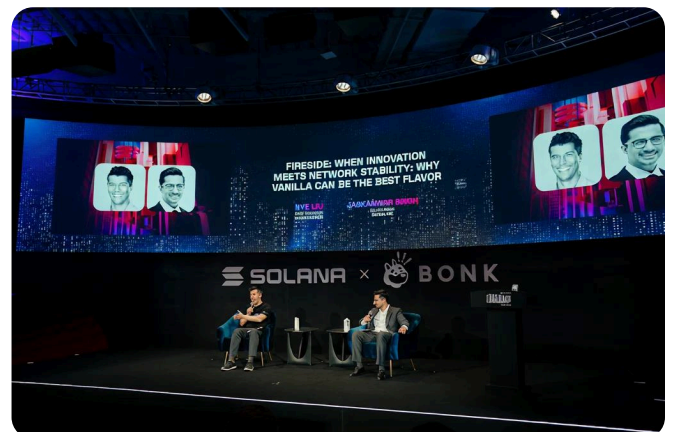
CLIENT IMPLEMENTATION	SHARE OF ACTIVE VALIDATORS
AGAVE	73.3%
JITO-SOLANA	25.54%
FIREDANCER	0.17%

Source: [Rated.network](#) – 30-day rolling average (through Jun 18, 2025)

Solana Accelerate

The Solana Foundation hosted Accelerate in May in New York City, with two tracks–Scale or Die for developers and Ship or Die for product teams. Blockdaemon Chief Engineer Nye Liu led a fireside chat in Scale or Die with Jas Singh, co-founder of Astralane. They discussed customization on Solana, trade-offs between decentralization and performance, and how to safeguard the ecosystem.

 [WATCH THE FIRESIDE CHAT HERE](#)





New Validator Directory

Blockdaemon launched our Validator Directory in May. The portal lists the company's active Solana validator, displays its PRR, and offers a one-click Delegate button that routes stakers to their chosen wallet or custodian.

The Validator Directory is available at app.blockdaemon.com.

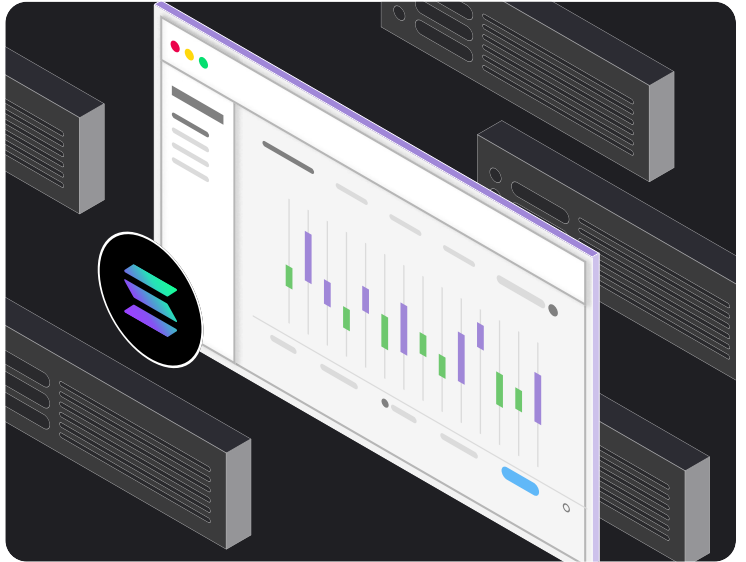
Note: Linked staking sites are third-party services; users remain responsible for their own due diligence and risk management.

New SOL Staking Rewards Endpoint


May's release added an API endpoint that returns precise reward data for any Solana validator:

- Validator address, network, and implementation type
- Total SOL currently staked
- Rewards over custom periods—epoch, week, month, all-time
- Rewards annualized as a PRR

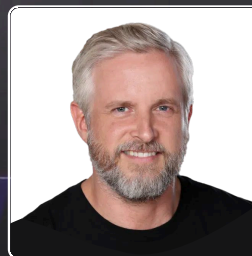
Stake pools, wallets, and analytics platforms can display these numbers without scraping on-chain data. Full documentation is at docs.blockdaemon.com.



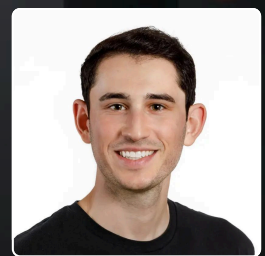
Meet the Daemons at **PERMISSIONLESS IV**

 Brooklyn, June 24–26

Main-stage: CEO Konstantin Richter joins Blockworks co-founder Jason Yanowitz for a fireside chat, “How to Build Through Bull & Bear Markets,”



Konstantin Richter
CEO & Founder,
Blockdaemon



Jason Yanowitz
Co-Founder,
Blockworks

VIP event: “Staked & Stirred” reception, June 24, 5:00 – 7:00 p.m. [REQUEST TO JOIN](#) (spots limited)

On-site contacts: Demetrios Skalkotos, Andrew Vranjes, Kaushal Sheth, Katie DiMento, Varun Gyanchandani, Jordan Eng, Camyar Matini, George Bakalis, and Luke Matich.



Staking with Blockdaemon



0 Slashing events
in the last 12 months



100%
machine uptime



99.9%
protocol uptime



Custom deployment
solutions



Slashing
Guarantee



24/7
Support

Public Rated.network view of Blockdaemon's Validator



Blockdaemon Validator

Vote account: FQwewNXahV7MiZcLpY6p1xhjUs2acVGQ3U5Xxc7FzV571

TOTAL AMOUNT STAKED

1.3M SOL

NETWORK PENETRATION

0.34%

DELEGATOR PRR

7.15%

RAVER

99.9%

EFFECTIVENESS BREAKDOWN

VOTING EFFECTIVENESS

99.9%

PROPOSER EFFECTIVENESS

100%

VOTING LATENCY

1.035

Public Rated.network view, only includes publicly-tagged Blockdaemon validators (not representative of whole fleet operated)

Why Choose Blockdaemon?

Risk Mitigation, Security & Crypto Optimized Infrastructure

- Proactive Security
- 24/7 Monitoring
- Vulnerability Management
- High Availability & Privacy By Default

Adherence to Highest Level of Compliance

- SOC 2 Type II & ISO 27001 Certified
- Proactive Leadership in Crypto Organizations
- Compliant with GDPR, UK GDPR, US (CCPA, etc)
- On-chain behavioral indicators and risk scoring

Chat with us today to discuss
your staking options.

[BOOK A MEETING](#) 

