

Project Rating Update

Horizen

Unchanged

B Stable Outlook

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Current Stage

Horizen aims to solve the privacy leakage problem of transactions. It is a privacy protection development platform built by adding a super node network and using zk-SNARKs technology.

At present, the progress of the Horizen project is in line with its roadmap, the wallet of each operating platform has been launched, the secure node network has been set up, and the third edition of the white paper has been published and an improved consensus mechanism has been developed to withstand 51% attacks. In terms of DApps development, only ZenChat, an instant messaging application developed by the core team, has been launched. ZenPub for media publishing and ZenHide for web browsing are still in the development stage.

TokenInsight provides customized service such as project code analysis and project community analysis, etc. For more information, please contact bd@tokeninsight.com or visit tokeninsight.com

Horizen 2018 Performance

Ledger hardware wallet - ZenCash hardware wallet support

✓ Completed

Q 2 ZenCash support has been officially added to the digital currency hardware wallet Ledger Nano S, which is one of the most popular hardware wallets on the market. Ledger Nano S currently supports digital currencies including BTC, ETH, LTC and ZenCash.

Research and development against 51% attacks

✓ Completed

Q 3 Horizen project suffered a double spend attack in June, which led the development team to research and to develop an improved consensus mechanism that imposes penalties of block delivery delay and updated the third edition white paper.

The Horizen SuperNode launch

✓ Completed

Q 4 The task of the Horizen SuperNode is to manage the encrypted network and system functions, track and measure the uptime of the security node, and so on. It takes 500 ZenCash to become a super node and users can get a 10% mining bonus.

HORIZEN

Rating **B**

Outlook	Stable
Label	Platform
Total Supply	N/A
In Circulation	4,599,888

Score

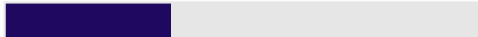
TEAM



PROJECT



ECOSYSTEM



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AAA: The technical foundation is extremely solid and project risk is extremely low.

AA: The technical foundation is very solid and project risk is very low.

A: The technical foundation is solid and project risk is relatively low.

BBB: Technical feasibility is very good and project risk is controllable.

BB: Technical feasibility is good and the risk of the project is moderately controllable.

B: Technical feasibility is moderate and project risk is limited to a controllable extent.

CCC: The technical foundation or idea has certain problems and the project has relatively large risks.

CC: The technical foundation or idea has considerable problems and the project carries large risks.

C: The technical foundation or idea has substantial problems and the project suffers from extremely large risks.

D: The project is riddled with problems and carries an extremely high risk of failure.

Risk

Horizen employed cutting-edge technology, such as zero knowledge proof, to improve the security and privacy of transactions. Its bottom level architecture takes advantage of both Bitcoin and Equihash algorithms, which mitigates its risks. As ZEN token transactions are not transparent due to its privacy-oriented feature, the project might be highly regulated in the future.

Summary

Team

Co-Founder, Robert Viglione

- Jun 2017 - Present: Co-Founder of ZenCash, President of the Zen Blockchain Foundation
- Jul 2014 - Present: PhD Candidate in Finance, University of Southern Carolina
- 2005 - 2008: MBA in Finance and Marketing, Loyola Marymount University

Founder, Rolf Versluis

- May 2017 - Present: Founder and Board member at Zen Blockchain Foundation
- Jun 2016 - Present: Owner at Block Operations LLC
- 1985 - 1989: BS in Electrical Engineering, United States Naval Academy

Project

Horizen is a blockchain platform with a leading-edge privacy technology that provides everyone with privacy and complete control of their digital footprints. Horizen has a sustainable funding model with protocol-level solutions.

Privacy

Built on zero-knowledge Succinct Non-interactive Arguments of Knowledge (zk-SNARKs) technology with a decentralized secure node architecture.

Security

Besides zk-SNARKs, the Horizen architecture includes encryption at the node level.

Untraceability

Shielded transactions are fully encrypted, yet can be verified as valid under the network's consensus.

Ecosystem

Market Cap: \$ 90,357,273

Ranking: 76

ZEN: Allows for easy transfer of value by using regular (T) and private (Z) addresses

ZenChat: Secure messaging application and can be used as a standalone product or embedded within ZenWallet

ZenPub: Gives users the ability to anonymously publish data, documents, and media in a way that is resistant to censorship

ZenHide: Utilize Domain fronting, which is a versatile censorship circumvention technique that hides the remote endpoint of a communication



TokenInsight

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