TokenInsight
Global Token Data & Rating Agency

QUANTSTAMP

Rating B

Outlook	Stable
Label	Others
Total Supply	976,442,388
In Circulation	617,314,171

Score

TEAM

PROJECT

ECOSYSTEM

Analyst

Yalu Ge

data@tokeninsight.com

tokeninsight.com

31 Aug 2018

Risk

Quantstamp is a decentralized smart contract platform, with automated security auditing services. The automatic auditing of programs has certain limitations, thus, the process can hardly be fully automated. It has direct competition with centralized security auditing companies and smart contract development assistance projects.

Summary

Team

CEO, Richard Ma

- Bachelor in Electrical Computer Engineering, Cornell University
- 2017 - Present: CEO and Director of Quantstamp, manage product strategy, business development, engineering strategy, and hiring
- 2015 - 2017: Senior Quantitative Strategist of Tower Research Capital

CTO, Steven Stewart

- PhD Candidate in Computer Software Engineering, University of Waterloo
- 2017 - Present: CTO and Co-Founder of Quantstamp
- 2016 - 2017: Software Developer of Magnet Forensics

Project

Validation Protocol

The validation protocol for security audits rewards participants who provide compute resources for the purpose of running checks on smart contracts. These checks are run by validator nodes. The protocol ensures that the certification of smart contracts is part of the 'Proof-of-Audit'.

Security Audit Engine

The Security Audit Engine takes an unverified smart contract as input, performs the automated security and vulnerability checks, and produces a report. Verification results will be combined with a Proof-of-Audit hash with a version code used to track the scope of checks from that version of the security library.

Ecosystem

Market Cap: $ 27,311,032
Ranking: 143

Quantstamp Protocol

The Quantstamp protocol relies on a distributed network of participants to mitigate the effects of bad actors, provide the required computing power and provide governance. Each participant uses Quantstamp Protocol (QSP) tokens to pay for, receive, or improve upon verification services. Different types of participants: contributors, validators, bug finders, contract creators, contract users, voters.

Achievements

More than 100 Tokens Audited on Binance; 4 Regional Offices; Over 500 Academic Citations.

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.