

“The last 10 years has been a social experiment that justified the relevance and necessity of blockchains. Now it’s time for industry-ready solutions.”

SILUR - Co-founder of QANplatform, mathematician, previous Ethereum contributor

Website: qanplatform.com

Seat: Lóótsa tn 5, 11415 Tallin, Estonia, European Union

Offices: Hungary, European Union

Industry: New generation crypto platform

Employees: 25+

Development started: Q4 2018

Company founded: Q2 2019

Utility token: QARK (DEO @ Decentralized Exchange, IEO @ BitBay.net)

Invested so far: \$2.4m

Burnt so far: \$1.5m

Funds requested in pre-sale: \$12m

Use of requested funds: Product Development from 80% readiness to 100% by Q4 2020, further expansion – international developer community & corporate partnership

Team:

SILUR
(**Endre ABRAHAM**)
Head of Cryptography

Johann POLECSAK
CTO

Viktoria HAJDU
CPO

Istvan A. MOLNAR
COO

Lorand FORIS
CLO

The Problem

The crypto world is at crossroads - continue to run vital transactions on insecure, outdated, slow, archaic blockchain platforms (e.g. Ethereum) or reform and adopt a new generation blockchain platform that provides quantum security, simplifies business processes and is easily programmable.

Our Solution

QAN is the first quantum-proof, secure, fast and multilingual crypto platform that runs smart contracts in all major languages and meets the real demands of industries adopting crypto.

The unique Proof-of-Randomness (PoR) protocol behind it was built with ease-of-use and fast scalability in mind, focusing on the universal usability of the platform.

Main Product Features:

QAN has mapped out all the key features needed by industry players, developers and platform users, and combined them into one powerful solution. These features are:

- **Quantum Security:** The first quantum-proof blockchain platform that resists the most advanced cyber-attacks in the years to come, based on Lattice cryptography - which means it's resilient to quantum attacks.
- **User-Friendly:** All major languages accepted to write smart contracts. Developers can write smart contracts in the language they already know, thus ensuring fast adoption.
- **Low Energy:** Far less computing resources and low energy consumption thanks to the unique consensus - Proof-of-Randomness (PoR).
- **Speed and Scalability:** 100 times faster than Ethereum - TPS 97k for enterprise (POA) chains.
- **5G and IoT-Friendly:** Heavy research on 5G-friendliness to benefit from 5G technology.
- **Complete Ecosystem:** Each participant is financially motivated [node providers, smart contract developers (generic and specific), validators].
- **Easily Adoptable for Businesses:** Fixed transaction prices in FIAT to ensure planning predictability for company CFOs.

Market - Industries: Fintech, Logistics, AI

A number of industries is already prepared for blockchain and crypto adoption — but, unfortunately, 10 years later the crypto platforms still do not meet these demands. Most industries that are using fast adopting blockchain technologies are already ahead with their demands compared to what the most used platforms can provide today. And it is only the tip of the iceberg. There are many dependent industries which would fast adopt blockchain once the major incumbents of their industry start using it and demand the same from their partners.

Competition – Solving the “Blockchain Trilemma” of Vitalik Buterin:

“Existing blockchains can offer at most two of the following three properties: Security, Scalability and Decentralization”. But without all three, we cannot build a truly borderless economy that blockchain originally promised. Some new generation blockchain platforms do provide solutions for one or two, but not all three of these issues since all three cannot be solved at the same time. At QAN we currently focus on security and decentralization and will address the scalability issue with a general Sharding framework - with an ease of development, high security and scalability. So all other new generation platforms are competition but none of them is truly industry-ready yet.

Business Model:

The business model builds on the advantages of the new platform. The concept builds on the scarcity and necessity of a new platform which answers all the real needs of today's crypto world, such as high transaction speed, quantum-proof security and industrial 5G/IoT-readiness.

Due to the attractiveness of the offering, the general usage - via writing smart contracts and applications - of the platform will generate interest in the associated token (QARK), which will correspondingly increase in value.

The platform also generates income directly from users:

First, if a developer prepares a smart contract that is reused by others, he receives a fee in exchange (royalty).

Second, the new user will have to pay for the use of the existing code - but only for the newly written, 'added' portion of the code.

Third, the platform compensates miners for generating new tokens.

Fourth, the platform also rewards those who provide data storage capacity. In each case, the platform receives a fee from the various users of the platform.

Sales and Marketing:

The platform responds to real needs of the industry. As a result it is the company's expectation that the key features - superior transaction throughput speed, universal accessibility in traditional coding languages, fixed transaction prices in FIAT and quantum hardness are all important keywords in today's crypto environment.

As a result, it is anticipated that word-of-mouth in the tight-knit developer community will be a key factor in distributing the news about QAN. In addition, CentrumCircle.com, who is running the token issuance, teamed up with BitBay.net and a Decentralized Exchange to boost the news coverage and about this market entry. These two exchanges have a combined 2M+ reach, largely focusing on the hard to access investor segment.