

QUANTUM SCALE
BLOCKCHAIN

WHITEPAPER

V.0.1

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ESSENTIAL FEATURE

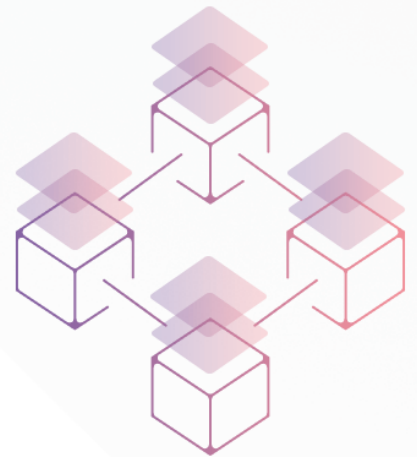
INTRODUCTION

QUANTUM SCALE BLOCKCHAIN

Quantum Scale Blockchain

A quantum-scale technology that can process tremendous transactions, this technology is coupled with advanced blockchain technology that can process data transactions into smart virtual machines, fast data trackers, low fees, fast transaction, quantum based technology, mass transactions, full decentralization, with no bloat.

- Low cost transaction
- Speed Transaction
- Dex Exchange



THE QUANTUM WITH ADVANCE BLOCKCHAIN

In physics, a quantum (plural: quanta) is the minimum amount of any physical entity (physical property) involved in an interaction. The fundamental notion that a physical property may be "quantized" is referred to as "the hypothesis of quantization".[1] This means that the magnitude of the physical property can take on only discrete values consisting of integer multiples of one quantum.

The word quantum comes from the Latin quantus, meaning "how great". "Quanta", short for "quanta of electricity" (electrons), was used in a 1902 article on the photoelectric effect by Philipp Lenard, who credited Hermann von Helmholtz for using the word in the area of electricity. However, the word quantum in general was well known before 1900.[2] It was often used by physicians, such as in the term quantum satis. Both Helmholtz and Julius von Mayer were physicians as well as physicists. Helmholtz used quantum with reference to heat in his article[3] on Mayer's work, and the word quantum can be found in the formulation of the first law of thermodynamics by Mayer in his letter[4] dated July 24, 1841.

The concept of quantization of radiation was discovered in 1900 by Max Planck, who had been trying to understand the emission of radiation from heated objects, known as black-body radiation. By assuming that energy can be absorbed or released only in tiny, differential, discrete packets (which he called "bundles", or "energy elements").[8] Planck accounted for certain objects changing colour when heated.[9] On December 14, 1900, Planck reported his findings to the German Physical Society, and introduced the idea of quantization for the first time as a part of his research on black-body radiation.[10] As a result of his experiments, Planck deduced the numerical value of h , known as the Planck constant, and reported more precise values for the unit of electrical charge and the Avogadro-Loschmidt number, the number of real molecules in a mole, to the German Physical Society. After his theory was validated, Planck was awarded the Nobel Prize in Physics for his discovery in 1918.

THE QUANTUM APP

Quantum App is an application that is connected and integrated with quantum blockchain dApps, Exchanges , Wallet and Block Explorer.

This is a Quantum Wallet Application that can be used to transact tokens, Sending and Receive for Mobile devices and will continue to be improved for better functionality. This will be a separate App from Quantum App.

50000 QSL

BALANCE TOTAL

YOUR ADDRESS WALLET

Q414F87H4J2N429G971ND3

RECEIVER ADDRESS

Q90K326G7NC6M5F9VD9V7

AMOUNT QSL

4000

FEE

0.0005

SEND OS!

THE BLOCKCHAIN

Blockchain formation. The main chain (black) consists of the longest series of blocks from the genesis block (green) to the current block. Orphan blocks (purple) exist outside of the main chain.

Bitcoin network data

A blockchain,[1][2][3] originally block chain,[4][5] is a continuously growing list of records, called blocks, which are linked and secured using cryptography.[1][6] Each block typically contains a cryptographic hash of the previous block,[6] a timestamp, and transaction data.[7] By design, a blockchain is resistant to modification of the data. It is "an open, distributed ledger that can record transactions between two parties efficiently and in a verifiable and permanent way". [8] For use as a distributed ledger, a blockchain is typically managed by a peer-to-peer network collectively adhering to a protocol for inter-node communication and validating new blocks. Once recorded, the data in any given block cannot be altered retroactively without alteration of all subsequent blocks, which requires consensus of the network majority.



QUANTUM

THE FEATURE



Quantum App

Quantum App is an application that is connected and integrated with quantum blockchain dApps, Exchanges, Wallet and Block Explorer.



Quantum Mobile Mining

Quantum Mobile Mining is a smart mobile miner app, adapted to mobile devices with both Android and iOS operating systems.



Quantum Blockchain

Quantum Blockchain uses advanced blockchain technology that enables fast transactions, low cost, mobile mining and no bloat.



Quantum Exchange

Quantum Exchanger is the same exchange system as most other crypto exchange, but with additional features and decentralized.

THE ENHANCED TECHNOLOGY

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DECENTRALIZED

BLOCKCHAIN SYSTEM



THE MEANING OF DECENTRALIZED

Decentralization is the process by which the activities of an organization, particularly those regarding planning and decision-making, are distributed or delegated away from a central, authoritative location or group.[1] Concepts of decentralization have been applied to group dynamics and management science in private businesses and organizations, political science, law and public administration, economics and technology.

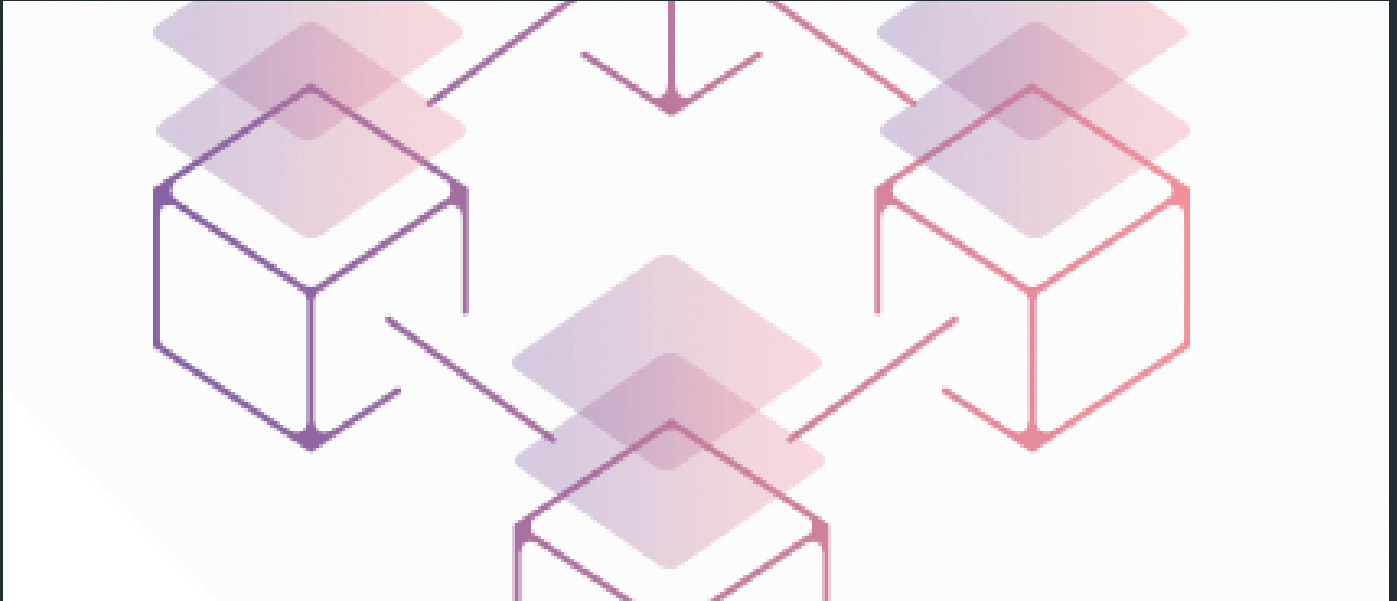
The word "centralization" came into use in France in 1794 as the post-French Revolution French Directory leadership created a new government structure. The word "decentralization" came into usage in the 1820s.[2] "Centralization" entered written English in the first third of the 1800s;[3] mentions of decentralization also first appear during those years. In the mid-1800s Tocqueville would write that the French Revolution began with "a push towards decentralization...[but became,] in the end, an extension of centralization." [4] In 1863 retired French bureaucrat Maurice Block wrote an article called "Decentralization" for a French journal which reviewed the dynamics of government and bureaucratic centralization and recent French efforts at decentralization of government functions.

" large number of developing and transitional countries have embarked on some form of decentralization programmes. This trend is coupled with a growing interest in the role of civil society and the private sector as partners to governments in seeking new ways of service delivery...Decentralization of governance and the strengthening of local governing capacity is in part also a function of broader societal trends. These include, for example, the growing distrust of government generally, the spectacular demise of some of the most centralized regimes in the world (especially the Soviet Union) and the emerging separatist demands that seem to routinely pop up in one or another part of the world. The movement toward local accountability and greater control over one's destiny is, however, not solely the result of the negative attitude towards central government. Rather, these developments, as we have already noted, are principally being driven by a strong desire for greater participation of citizens and private sector organizations in governance." [27]

Most newspapers are businesses, and they pay their expenses with a mixture of subscription revenue, newsstand sales, and advertising revenue (other businesses or individuals pay to place advertisements in the pages, including display ads, classified ads, and their online equivalents). Some newspapers are government-run or at least government-funded; their reliance

BLOCKCHAIN

PEER TO PEER NETWORK



WHAT IS BLOCKCHAIN

"The practical consequence [...] for the first time, a way for one Internet user to transfer a unique piece of digital property to another Internet user, such that the transfer is guaranteed to be safe and secure, everyone knows that the transfer has taken place, and nobody can challenge the legitimacy of the transfer. The consequences of this breakthrough are hard to overstate."

- Marc Andreessen

With a blockchain, many people can write entries into a record of information, and a community of users can control how the record of information is amended and updated. Likewise, Wikipedia entries are not the product of a single publisher. No one person controls the information.

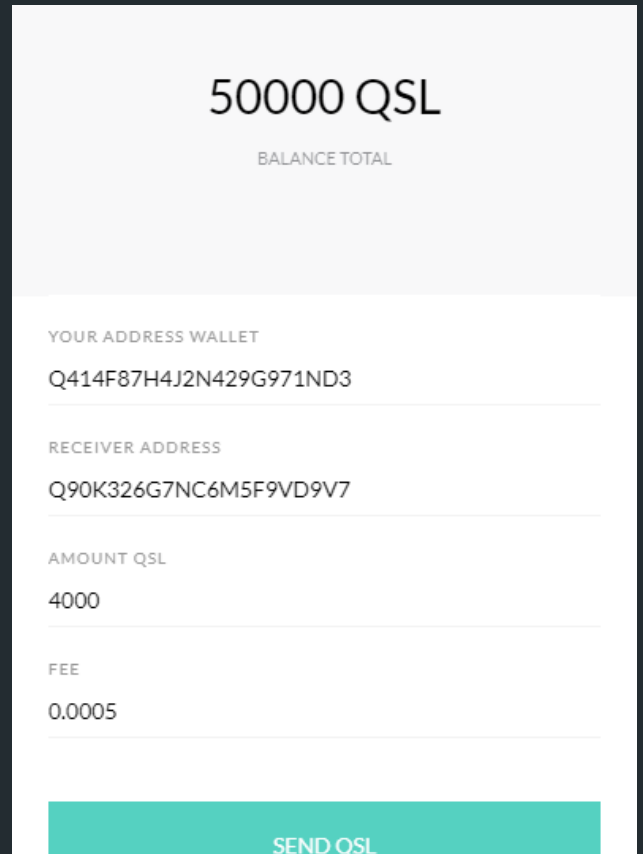
Descending to ground level, however, the differences that make blockchain technology unique become more clear. While both run on distributed networks (the internet), Wikipedia is built into the World Wide Web (WWW) using a client-server network model.

In the case of blockchain technology, private key cryptography provides a powerful ownership tool that fulfills authentication requirements. Possession of a private key is ownership. It also spares a person from having to share more personal information than they would need to for an exchange, leaving them exposed to hackers.

THE WALLET APP

This is a Quantum Wallet Application that can be used to transact tokens, Sending and Receive for Mobile devices and will continue to be improved for better functionality. This will be a separate App from Quantum App.

it is Coming Soon



Main Info

Block #

Price: Gas Limit: 4,712,388 m/s Block Time: 25 second(s) Cost

Most Recent Blocks in the Ethereum Network

Miner	Size	Date
0xf3b9d2c81f2b24b0fa0acaaa865b7d9ced5fc2fb	7.311 kB	Jun 23, 2018
0x2a65aca4d5fc5b5c859090a6c34d164135398226	0.541 kB	Jun 23, 2018
0xea674fdde714fd979de3edf0f56aa9716b898ec8	1.468 kB	Jun 23, 2018
0x2a65aca4d5fc5b5c859090a6c34d164135398226	0.541 kB	Jun 23, 2018
0x63a9975ba31b0b9626b34300f7f627147df1f526	1.687 kB	Jun 23, 2018
0xea674fdde714fd979de3edf0f56aa9716b898ec8	0.936 kB	Jun 23, 2018

SMART BLOCK EXPLORER BASED APP

The background is black with several thick, bright pink lines forming a complex, abstract geometric pattern. The lines create a series of overlapping rectangles and squares, some of which are partially cut off by the edges of the frame. The overall effect is a modern, minimalist aesthetic.

QUANTUM SCALE

ENHANCED QUANTUM WITH ADVANCE BLOCKCHAIN

www.quantumscale.org