Keymaker Coin

Whitepaper v0.5

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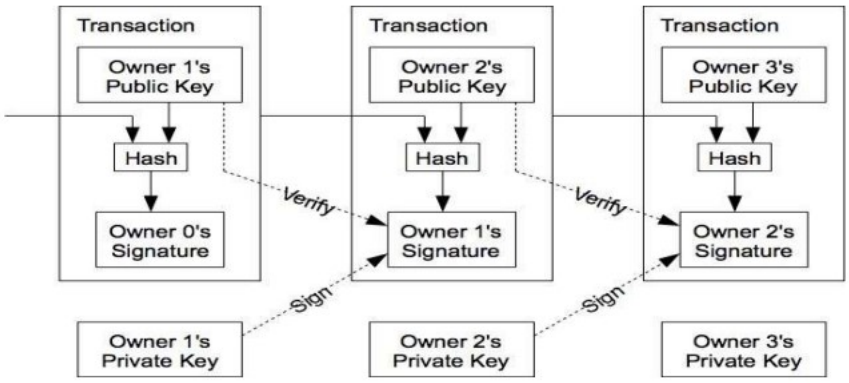
Introduction

Since the early days of Bitcoin, blockchain technology has been lauded as a game changing innovation. But what is Blockchain, and where did it come from? A blockchain is a computerized database of all cryptocurrency transactions, to put it simply. When new blocks of recordings are uploaded to it as "finished" chunks, it continues to grow. Each block has a timestamp, a cryptographic hash of the previous one, and transaction data.



The Blockchain is used by Bitcoin nodes to distinguish between valid Bitcoin transactions and attempts to spend previously spent currencies again. So, where did Blockchain come from? The very first Blockchain was conceptualized by an anonymous person or group of people known as Satoshi Nakamoto in 2008. Nakamoto proposed the creation of a new electronic cash system that would be resistant to fraud and double spending. His/ her/ their idea was to build a decentralized system that did not require a central authority. In 2009, Nakamoto released the initial version of the Bitcoin software and the Genesis block of the Bitcoin blockchain. Bitcoin is the most famous cryptocurrency, but there are many others that have been created in the years since.

How does Blockchain make a difference in today's date? Blockchain technology has the potential to revolutionize the way we interact with the digital world. By creating a decentralized, secure and transparent way of handling data, it has the ability to change the way we interact with the internet and with each other. Here are three ways that Blockchain is making a difference in the world today.

1. **Increased security:**

   One of the most important applications of Blockchain is its ability to provide increased security. A secure and fast network is extremely valuable to our entire operation. This is what protects us and our uses from malicious threats. Our system is and will always be tested and monitored to make sure we do what is necessary to keep everyone and their transactions safe. Keymaker is HTTP, HTTPS, TCP, and UDP protected to make sure your transactions and data will always be safe By creating a decentralized network, it becomes much more difficult for hackers to target a single point of entry. Additionally, the use of digital signatures and cryptographic hashes makes it nearly impossible to tamper with data on the Blockchain.

2. **Improved transparency:**
   Another benefit of Blockchain technology is its ability to increase transparency. By storing data on a decentralized network, it becomes much more difficult for businesses to hide or manipulate information. This could have a major impact on industries such as supply chain management, where tracking data is essential.

3. **Faster transactions:**
   The Keymaker block time-spacing is set at 1 minute, making it not only more than 10 times faster than Bitcoin, but also able to handle more than 3 times the number of transactions. The block difficulty is calculated using an algorithm that relies on exponential adjustments, and the difficulty is adjusted at every block. Using this algorithm makes block times more predictable and less prone to big spikes

What is Proof of Stake?

Consensus in Bitcoin is achieved by requiring generated blocks to contain a proof that the miner which generated the block solved a computational hard task. Proof-of-stake (PoS) aims to replace the way of achieving consensus in a distributed system; instead of solving the Proof-of-Work, the staker which generates a block has to provide a proof that it has access to a certain amount of coins before being accepted by the network. Generating a block involves sending coins to oneself, which proves the ownership. The required amount of coins (also called stake) is specified by the network through a difficulty adjustment process similar to PoW that ensures an approximate, constant block time. As in PoW, the block generation process will be rewarded through transaction fees and a supply model specified by the underlying protocol; which can also be seen as interest rate by common definition. The initial distribution of the currency is usually obtained through a period of PoW mining.

In order to stake with Keymaker Coin, you must have your Keymaker wallet running, you must change this option “staking=1” in your config file or if you encrypt your wallet you must add this command to the console walletpassphrase [password] [99999999999]. Keep at least 1 KEY currently in your wallet. Validators are chosen for each block. You’re more likely to be chosen to validate a block with the more non-pending coins you possess.

Future and Purpose

Trust in financial institutions is at an all-time low, yet the cryptocurrency revolution kicked off by Bitcoin hasn’t materialized for the masses. After years of opportunity, most cryptocurrency projects have failed everyday users by under-delivering on promises and over-complicating digital assets. Keymaker aims to pick up where Satoshi Nakamoto’s vision of a bank-less, financially independent, and peer-to-peer electronic cash system left off. Keymaker is

simple to use, scalable to the financial uses of billions of people worldwide, secure — and most importantly, easy to adopt for existing enterprise, payment, and retail applications.

The future of blockchain technology looks very bright. With the advent of new technologies and the increasing adoption of Blockchain by businesses and individuals, the possibilities for the technology are endless. Blockchain is a distributed database that allows for secure, transparent and efficient transactions. The potential for Blockchain is vast, and it has already begun to disrupt many industries.

The banking and financial sector is one of the most obvious industries that stand to be disrupted by Blockchain. With Blockchain, there is the potential for eliminating the need for intermediaries, such as banks, in financial transactions. This would not only make transactions more efficient but would also reduce costs.

Fees & Liquidity

With Keymaker Coin becoming the median of transactions and used as an option to pay for listing fees, Keymaker Coin will always have intrinsic value. Another worry of our operation is the value of the coin we use as our median of transaction. The coin will be used as a method of payment for any available pair within the Keymaker decentralized exchange.

The Keymaker Name

Some may wonder if we found our name from a Matrix film however our name came from our mining software. Since our software has the ability generate terabytes of keys to solve bitcoin puzzles. Just solving one puzzle is worth millions. This whitepaper better describes this software in the Keyminer and Keymaker Pool headings.

Algorithm

The algorithm that Keymaker uses is Curve25519, also known as “Curvehash”. With the algorithm we’ve chosen, the use of GPU/CPU. Diffie-Hellman function suitable for a wide variety of applications. On 11/30/2022 we will add MinotaurX algorithm for our CPU miners by splitting the block count between Curvehash GPU at 20%, MinotaurX CPU at 30% and Proof of Stake at 50% which should help with POS

Staking

Proof-of-stake (PoS) aims to replace the way of achieving consensus in a distributed system; instead of solving the Proof-of-Work, the staker which generates a block has to provide a proof that it has access to a certain amount of coins before being accepted by the network. Generating a block involves sending coins to oneself, which proves the ownership. The required amount of coins (also called stake) is specified by the network through a difficulty adjustment process similar to PoW that ensures an approximate, constant block time. As in PoW, the block generation process will be rewarded through transaction fees and a supply model specified by the underlying protocol; which can also be seen as interest rate by common definition. The initial distribution of the currency is usually obtained through a period of PoW mining.

In order to stake, you must have your Keymaker wallet running, You must "**staking=1**" added to your config file or if you encrypt your wallet you must use the "**walletpassphrase [password] [timeout]**" command. This command is safe to use since it keeps part of your wallet encrypted while allowing only the staking process to proceed. Keep at least 1 KEY currently in your wallet. Validators are chosen for each block. You're more likely to be chosen to validate a block with the more non-pending coins you possess.

Reward Blocks

The reward distribution of this coin with POW and POS rewards. POW will mine for a total of 30 years before ending in 2053. POS will continue to mint for the life of the coin.

Year	POW Rewards	POS Rewards
2022	20.00000000	1.1000
2023	10.00000000	0.9900
2024	5.00000000	0.8910
2025	2.50000000	0.8019
2026	1.25000000	0.7217
2027	0.62500000	0.6495
2028	0.31250000	0.5846
2029	0.15625000	0.5261
2030	0.07812500	0.4735
2031	0.03906250	0.4262
2032	0.01953125	0.3835
2033	0.00976563	0.3452
2034	0.00488281	0.3107
2035	0.00244141	0.2796
2036	0.00122070	0.2516
2037	0.00061035	0.2265
2038	0.00030518	0.2038
2039	0.00015259	0.1834
2040	0.00007629	0.1651
2041	0.00003815	0.1486
2042	0.00001907	0.1337
2043	0.00000954	0.1204
2044	0.00000477	0.1083
2045	0.00000238	0.0975
2046	0.00000119	0.0877
2047	0.00000060	0.0790
2048	0.00000030	0.0711
2049	0.00000015	0.0640
2050	0.00000007	0.0576
2051	0.00000004	0.0518
2052	0.00000002	0.0466
2053	0.00000001	0.0420
2054		0.0375

Coin Distribution

Coin name:	Keymaker Coin
Ticker:	KEY
Total Supply:	21,024,000 KEY
Total Premine:	6,000,000 KEY
Block Maturity:	40 confirmations
Block Time:	60 Seconds
P2P Port:	12421
RPC Port:	12422

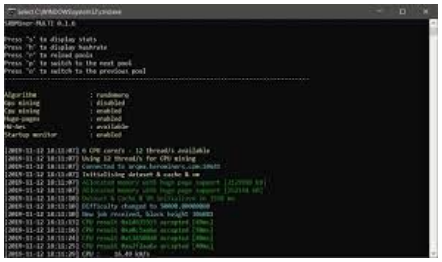
Premine

The total amount of premine is 5,000,000. 50% will be held for liquidity for new exchanges and yield farms. 40% will be used for rewards to those using Keyminer. Once this coin is established with value, 5% will be considered for charity and another 5% for further development of this coin. One million of the premine will be used for an ongoing airdrop systems and rewards.

Mining Software

1. Wildrig-multi - This miner works best with GPU while mining KEY from the pool.

2. Srbminer-multi – This miner also works well and is works well with CPU mining but can also be used for GPU mining.



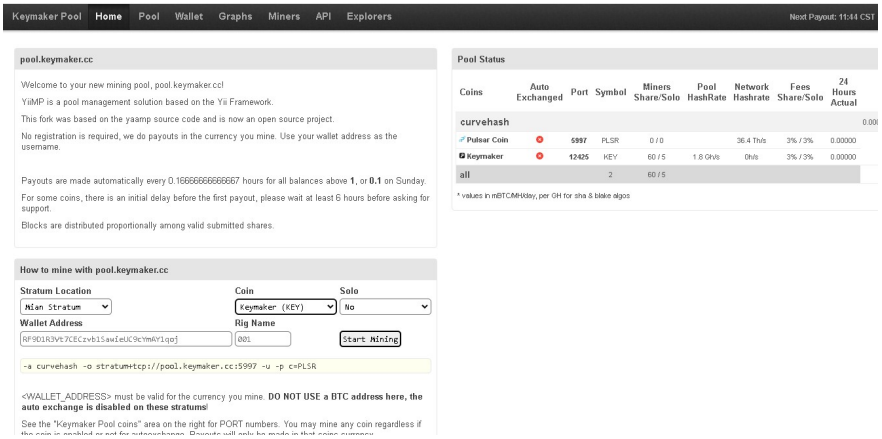
3. Keyminer – This miner is designed to bring liquidity from other blockchains to the Keymaker blockchain. There are three basic mining operations for the Keyminer.

    - GPU – Used in mining the most profitable like ETC.
      CPU - This option will use xmrig to mine Monero.
      Collision – For mining puzzle transactions on the bitcoin blockchain.

Pools

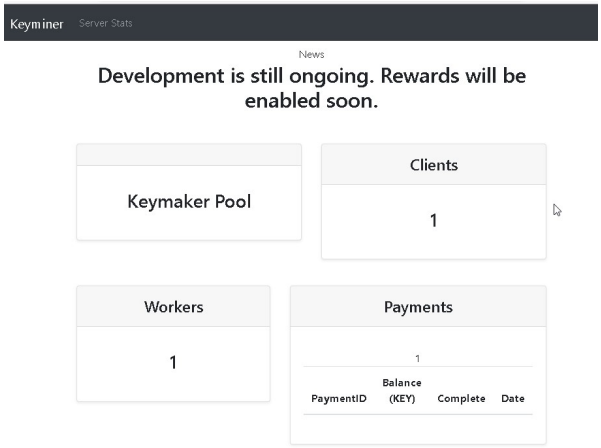
1. Yiimp Pool

A yiimp pool will be maintained to kickstart the mining process and allow for further development for the Keymaker miner. Mining software such as Wildrig-multi and Srbminer-multi should be used with this pool



Keymaker Pool

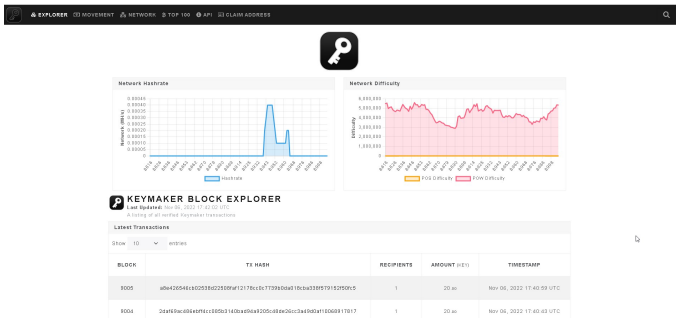
We have developed new type of pool called Keymaker Pool that will allow mining of other blockchains for Keymaker rewards. The software used for mining is called Keyminer. Rewards mined from the other blockchains will be added to the Keymaker chain liquidity for improved price and token liquidity. Mining rewards should be equal or better than the current yiimp rewards of the Keymaker Pool.



Explorer

- **Home/Explorer:** Displays latest blockchain transactions
- **Movement:** Displays latest blockchain transactions that are greater than a certain configurable amount
- **Network:** Displays a list of peers that have connected to the coind wallet in the past 24 hours, along with useful addnode data that can be used to connect your own wallets to the network easier
- **Top 100:** Displays the top 100 richest wallet addresses, the top 100 wallet addresses that have the highest total number of coins received based on adding up all received

transactions, as well as a table and pie chart breakdown of wealth distribution. Additional support for omitting burned coins from top 100 lists

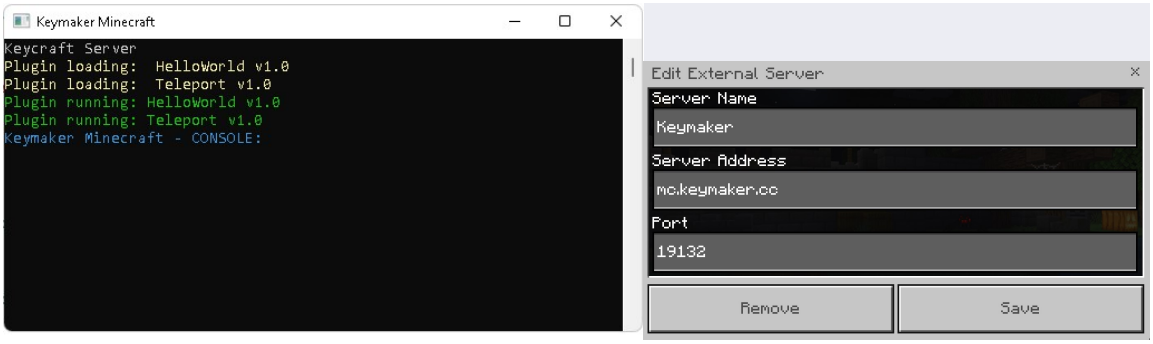


Keymaker AI Trader

This service will be enabled on an exchange holding Keymaker and will actively trade based on AI algorithms using the API for the exchange. The development of this software which is called Keytrader for short will allow us to build a bridge to other blockchains and also help to integrate other applications and services.

Keycraft

Keycraft is a new type of Minecraft server: this is the first of its kind where users are rewarded when the server grows, and we integrate blockchain technology to create a play and earn ecosystem. We are creating a sustainable economy using blockchain technology and our favorite video game. This software is in the early stages of development with this screen shot of a proof of concept which has potential to interact with a blockchain providing rewards to players who find or achieve a goal.



Wallet

The Keymaker wallet will allow you to send, receive and hold funds. Holding funds in your wallet will earn rewards from Staking if you turn staking on with the keymaker.conf file. The wallet also includes debug options for console commands and tracking nodes.

Exchange

The Keymaker Exchange will be built with the newest most reliable software which based on open-sourced exchange software found on Github. More details about this to be released on a future whitepaper revision.

BEP 20 Token

More details about this to be released on a future whitepaper revision.

PancakeSwap

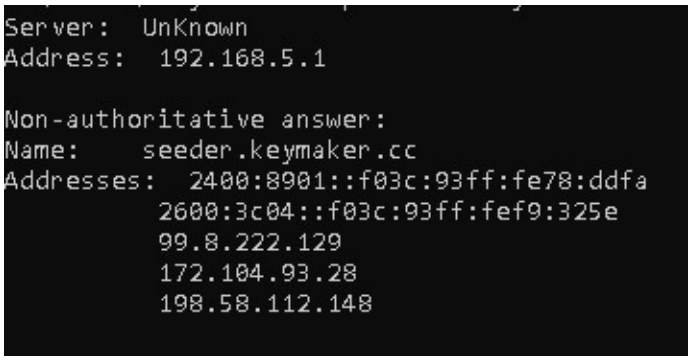
More details about this to be released on a future whitepaper revision.

Zero Dump Policy

We take pride in our work and in this coin and we know we are trusted by many to hold and keep a value. Trust is earned and we will strive to earn trust of the community. We have many great plans for this coin. We take every effort to consider if a change will cause a unstable element to the economy of this coin. Our premine funds will only every be used to better the coin and reward our faithful holders.

Keymaker Seededer

Our seeder us found out seeder.keymaker.cc. Currently the seeder is looking for any live nodes to add to clients as full node. The seeder will randomly add a few nodes for end users to receive a connection. This is hardcoded into the coded so that bad actors with misbehaving nodes will automatically be banned.


Server: UnKnown
Address: 192.168.5.1
Non-authoritative answer:
Name: seeder.keymaker.cc
Addresses: 2400:8901::f03c:93ff:fe78:ddfa
2600:3c04::f03c:93ff:fef9:325e
99.8.222.129
172.104.93.28
198.58.112.148

Charity

We would like to give back and by doing so we will use 5% of the premine to use for charities in the future. The funds will be liquidated in small amounts over time to not disrupt trading activity and only if the coin is on a gaining in overall value. If the coin is decreasing in value, we will hold off on any charities.

1. We would like to help those who are less fortunate or have little after loss from disaster. In the past the developers of this project provided funds to charitable organizations to help others like those affected by disaster in the Philippines due to typhoon in December 2021.

Providing donated goods in the Philippines

2. African education. We plan to help families in Africa to build better and stronger families by use of education programs that help teach skills that will better families in the school and workplace (https://www.planusa.org/).
3. Funding for education programs for helping families with mental health, depression, and suicidal teens (https://supporting.afsp.org/).
4. Animal shelters are need help with animals. Funds will be made available to help animals who have no home and need care.

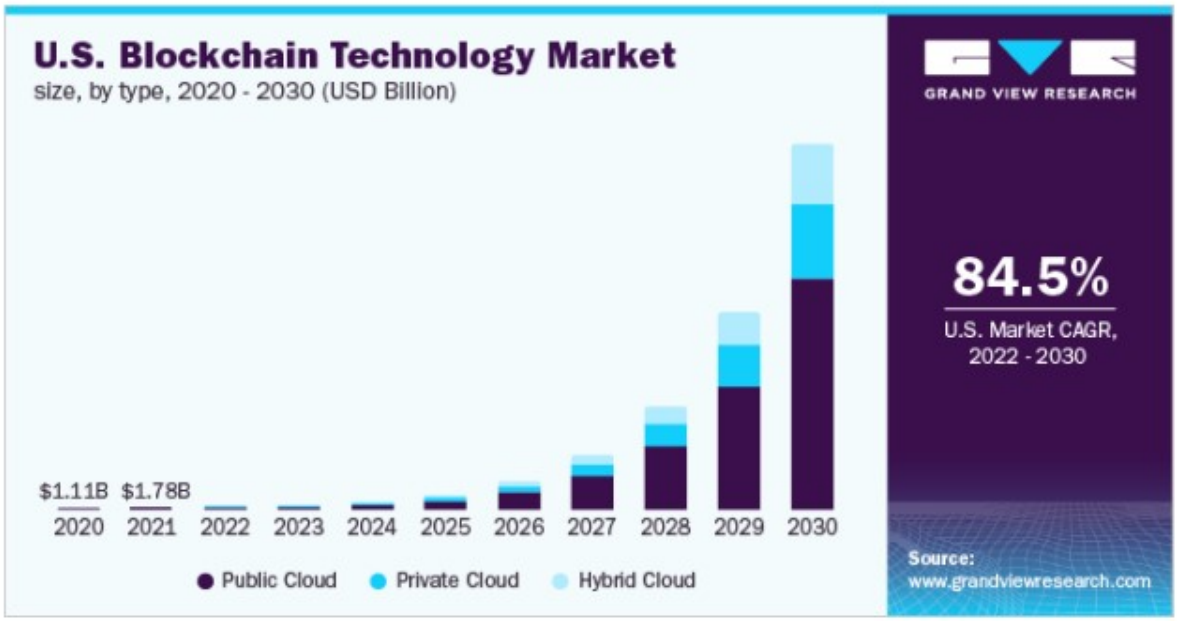
“We make a living by what we get. We make a life by what we give.

Winston Churchill

Market Overview

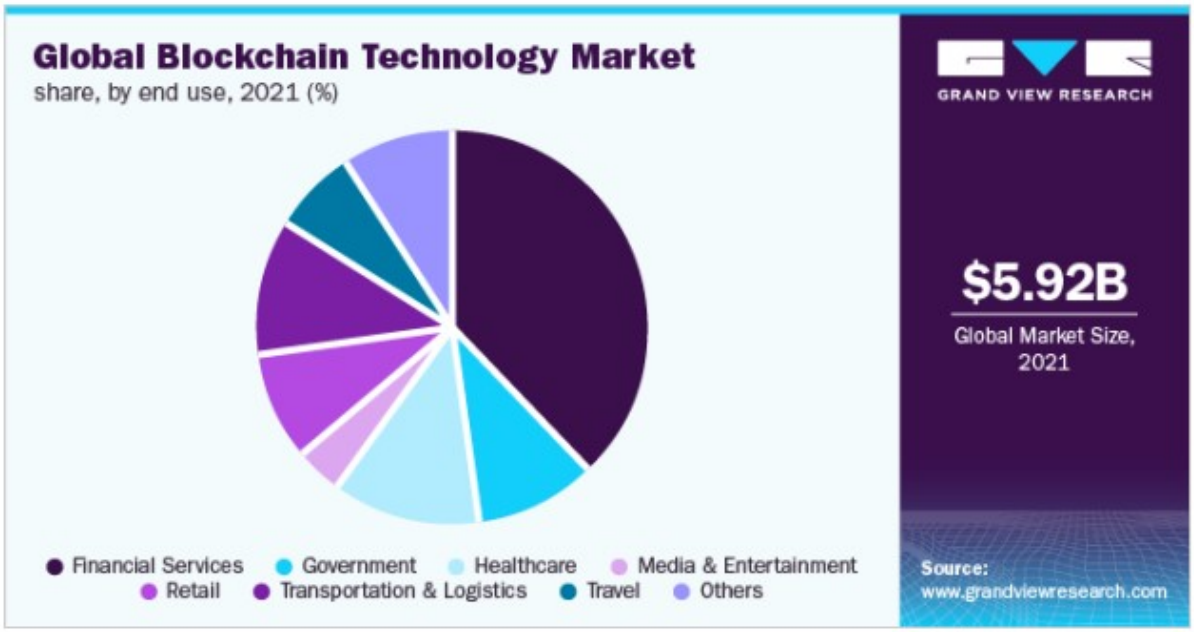
In 2021, the market for blockchain technology was estimated to be worth USD 5.92 billion. From 2022 to 2030, the market is projected to expand at a CAGR of 85.9%. The market expansion can be ascribed to rising venture capital investment in blockchain technology businesses. For instance, Circle Internet Financial Ltd., a blockchain technology provider, declared in May 2021 that it had secured USD 440 million in funding from institutional and strategic investors. The business invested this money in internal growth and market enlargement. There will likely be further prospects for market expansion as a result of the legalisation of cryptocurrencies in nations like El Salvador and Ukraine.

The legalization of cryptocurrency has been a hot topic of debate in recent years. For businesses, the legalization of cryptocurrency presents an opportunity to invest more in blockchain technology. Blockchain is the underlying technology that powers cryptocurrencies like Bitcoin, Ethereum etc. By investing in blockchain technology, businesses can tap into a new and growing market. And for investors, the legalization of cryptocurrency opens up a whole new world of opportunity. With more countries embracing cryptocurrency, the potential for growth is enormous.


U.S. Blockchain Technology Market
size, by type, 2020 - 2030 (USD Billion)
$1.11B
$1.78B
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
Public Cloud
Private Cloud
Hybrid Cloud
GRAND VIEW RESEARCH
84.5%
U.S. Market CAGR, 2022 - 2030
Source: www.grandviewresearch.com

Blockchain Technology Market Report Scope

Report Attribute	Details
Market size value in 2022	USD 10.02 billion
Revenue forecast in 2030	USD 1,431.54 billion
Growth rate	CAGR of 85.9 % from 2022 to 2030
Base year of estimation	2021
Historical data	2017 - 2020
Forecast period	2022 - 2030
Quantitative units	Revenue in USD million/billion and CAGR from 2022 to 2030
Report coverage	Revenue forecast, company market share, competitive landscape, growth factors, and trends
Segments covered	Type, component, application, enterprise size, end use, region
Regional scope	North America; Europe; Asia Pacific; South America; Middle East & Africa
Country scope	U.S.; Canada; Mexico; U.K.; Germany; France; China; Japan; Australia; India; Brazil; Saudi Arabia; UAE
Key companies profiled	IBM Corp.; Microsoft Corp.; The Linux Foundation; BTL Group Ltd.; Chain, Inc.; Circle Internet Financial Ltd.; Deloitte Touche Tohmatsu Ltd.; Digital Asset Holdings, LLC; Global Arena Holding, Inc. (GAHI); Monax; Ripple
Customization scope	Free report customization (equivalent to up to 8 analysts working days) with purchase. Addition or alteration to country, regional, and segment scope
Pricing and purchase options	Avail of customized purchase options to meet your exact research needs. Explore purchase options



Conclusion

Keymaker Blockchain is a distributed ledger technology that offers a unique, secure and efficient way to record and manage data. Despite its potential, Blockchain is still in its early stages of development. Keymaker blockchain has been a great experiment in the world of distributed ledger technology. The team has worked hard to bring this technology to the mainstream and I believe they have succeeded. The Keymaker blockchain is a great example of how blockchain can be used to power a distributed network. Current financial discourse suggests the imminence of a cashless society, a concept that arose from the global popularization of digital financial services and the development of technologies with the potential for application in financial markets. Cash is simply too expensive in terms of security, transfer, creation, etc. to be feasible for the next generation of money and we are seeing the adoption of digital money by governments and institutions at a rapid rate.