



## SOURCE SYSTEMS



## CURRENCY MINT

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# CRYPTOCURRENCY 101

Before we begin to talk about why our cryptocurrency is unique, we must first discuss the specifics about traditional cryptocurrency is and the issues behind it.

## Blockchain

A blockchain is a continuously growing list of records, called blocks, which are linked and secured using cryptography. Each block typically contains a cryptographic hash of the previous block, a timestamp and transaction data. By design, a blockchain is inherently 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". For use as a distributed ledger, a blockchain is typically managed by a peer-to-peer network collectively adhering to a protocol for validating new blocks. Once recorded, the data in any given block cannot be altered retroactively without the alteration of all subsequent blocks, which requires collusion of the network majority.

## Distributed Ledger

A distributed ledger is a consensus of replicated, shared, and synchronized digital data geographically spread across multiple sites, countries, or institutions. There is no central administrator or centralized data storage.

A peer-to-peer network is required as well as consensus algorithms to ensure replication across nodes is undertaken. Each computer participating in the cryptocurrency mining has this distributed ledger stored on its computer and is constantly checking the validity of new entries against the other ledgers stored on other mining equipment.

## Cryptocurrency Mining

Cryptocurrency mining is the process by which transactions are verified and added to the public ledger, known as the blockchain, and the means through which new Bitcoin are released. Anyone with access to the internet and suitable hardware can participate in mining. The mining process involves compiling recent transactions into blocks and trying to solve a computationally difficult puzzle. The participant who first solves the puzzle gets to place the next block on the blockchain and claim the rewards. The rewards, which incentivize mining, are both the transaction fees associated with the transactions compiled in the block as well as newly released bitcoin.

## Alt Coins

Developers discovered that they can incorporate more data into the blockchain than just transaction history. They began to pass simple snippets of code and progressed all the way to passing specific protocols or even applications in between the blockchain to different users. This discovery gave rise to the thousands of alternative coins we have today.

## Issues

There are several pertinent issues when it comes to traditional cryptocurrency technology.

- Large file size
  - The blockchain is roughly 10gb and must be uploaded and downloaded at the start of every new block
- Scalability
  - The distributed ledger is stored on thousands of computers across the world, it is not feasible to require computers to keep handling this ever-growing file
- Costs
  - Due to the large file size, there are lots costs associated with it. According to multiple studies, it costs about \$3000 to mine a single Bitcoin
- Transaction times
  - It takes on average 43 minutes with times ranging up to 3 days to transfer a single Bitcoin
- Security
  - Due to recent advances in quantum computing, the NSA has stated that Bitcoins blockchain can be decrypted in 18 months. Meaning that whoever decrypts it can alter the blockchain and reallocate other's Bitcoins into their wallets.

# CURRENCY MINT DIFFERENCE

We have developed a new way to generate cryptocurrencies that transcends all the current cryptocurrencies to ensure that we have the safest, most advanced and stable cryptocurrency on the market today. This is not a fork of any other cryptocurrency or a replica of a different blockchain – we have developed this infrastructure from the ground up. Using technologies such as quantum entropy, we have developed our own blockchain that eliminates the need for a distributed ledger and mining. Our coin is unique in the sense that our value is derived from intrinsic value and not just speculative demand. We have the ability to back our coin by any type of asset available on the market.

We are only offering this proprietary cryptocurrency generation as a service to select users. Use our technology as your own and create a cryptocurrency that propels you into the future. Currently, we are only accepting users that plan to use this cryptocurrency the way it is designed – to create the most powerful and flexible asset-backed securities.

## [Blockchain](#)

Our blockchain is designed so that each coin has its own individual separate cryptographic chain. Similar to a DNA strand, our blockchain keeps evolving as the coins are moved around from user to user.

## [Distributed Ledger](#)

Due to the uniqueness of our blockchain solution, we have eliminated the need for a distributed ledger. Due to this advancement in technology, our blockchain file size will never grow too large. After years of trading and usage, the blockchain file size will consume about as much memory as the profile picture on Facebook.

## [Minting of the Coin](#)

We designed a specialized computer to mint up to one billion coins using a technique called quantum entropy. This computer is never connected to the internet and is destroyed upon completion of generating these coins. Therefore, making it impossible to replicate or counterfeit coins.

Quantum Entropy is an important concept because it focuses on the randomness of the generation process – the more random the minting process is, the more difficult it is to replicate the coins later.

## [Cold Storage Treasury Vault](#)

Once the coins are minted, they are sent through a proprietary verification system in which all serial numbers are recorded to prevent counterfeiting. After the verification process, they are moved into a cold storage treasury vault. Again, this vault is not connected to the internet and will only release coins into the market based on a special mathematical formula we have determined to avoid hyperinflation.

### User Obtains Coin

Before a user receives coins from the vault they undergo a separate verification system (KYC Database) to ensure that individuals are not using our coin to launder money or commit fraud. Once the user obtains the coin from our treasury vault the DNA strand begins to evolve recording every transaction that is made. By creating our own application available on both computers and smartphones, coins can easily be transferred and received within seconds.

### Actual Possession

We have developed a specialized database that enables **actual possession** instead of custodial possession. Upon putting your money in the bank, you only have custodial possession of it. You can access your money, but the bank is possessing your money. The only thing comparable to actual possession is holding cash. You can transfer it easily and once you spend it, it is gone.

This is what we recreated, **actual possession**. You can easily take your coins offline and store them in any medium of your choosing (CD, Floppy Disk, USB Drive, local computer storage). This eliminates the need for a distributed ledger and prevents double spending, both of which are the two largest problems with traditional cryptocurrencies.

### User Management

Use our powerful online platform to manage all coins within the ecosystem. Design how you want to dispense coins from the treasury and have the ability to track all activity as well as blacklisting users and/or coins for illicit activities. Use the portal to set up different authentication requirements for your users.

### Identity Management

Every user has a premium built-in identity management system designed to keep funds safe. If a user is logged into an account and a transfer of funds was made from a different device, all accounts are immediately logged out. Additionally, funds can be rolled back into an account upon providing proof of fraudulent activity.

Each profile is provided with a recovery key for situations regarding proof of identity. With our proprietary technology, your funds will always be safe and secure.

# CURRENCY MINT AS A SERVICE

We are currently offering this proprietary cryptocurrency minting as a service to select users.

Use our technology as your own and create a digital asset cryptocurrency that propels you into the future. Currently, we are only accepting users that plan to use this cryptocurrency the way it is designed – to create the most powerful and flexible asset-backed securities.