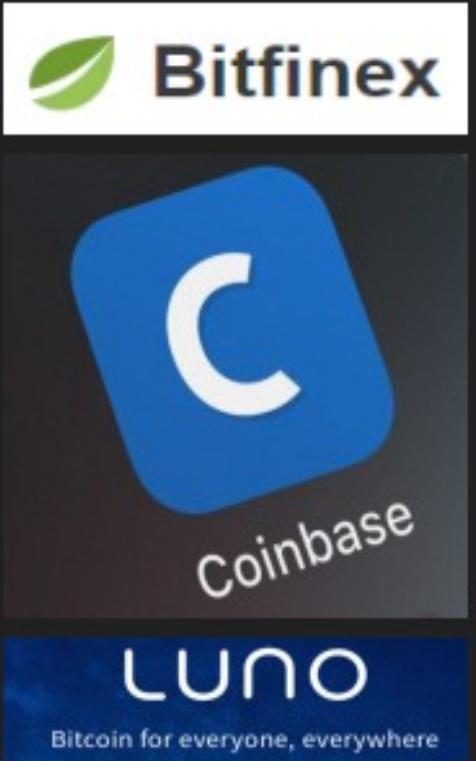


# Crypto ecosystem

# Cryptocurrency Exchanges



# Centralised Financial Services

### Get Your Nexo Card Now

Nexo is proud to provide its customers with the best card in the blockchain space

[Get Early Access](#)

Available on  

✓ Access your credit line worldwide ✓ Free additional virtual cards  
✓ Instant cashback on all purchases ✓ Payments in local currencies  
✓ Flexible repayment options ✓ No monthly/annual fees, no FX fees



### BlockFi Wealth Management

BlockFi provides the wealth management products cryptoinvestors need, all powered by blockchain technology.

[GET STARTED](#)

EARN INTEREST deposit today

BORROW USD get cash now

TRADE CURRENCY manage your allocations

### Cryptoback™

Cryptoback™ is the world's first reward programme that pays you back in Bitcoin. Transform your contactless Wirex Visa card into a Bitcoin-generating tool and earn 0.5% back in BTC on all in-store purchases.

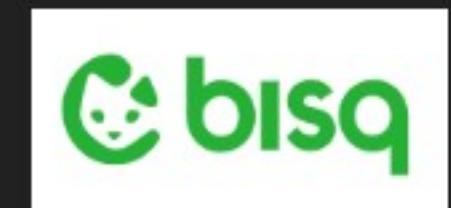
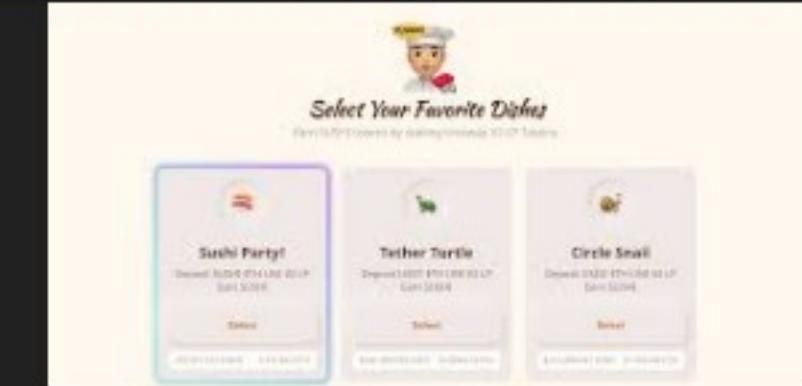
[Get your card now](#)



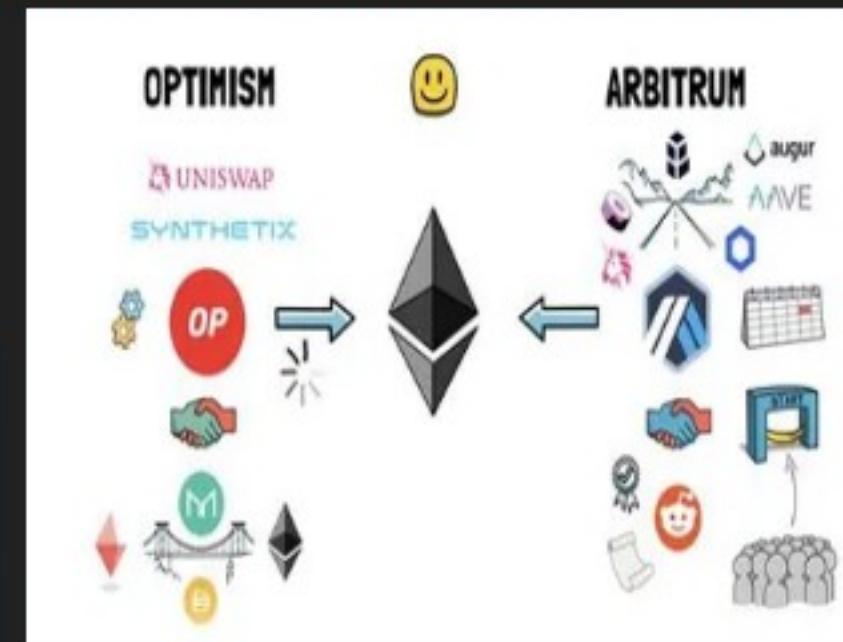
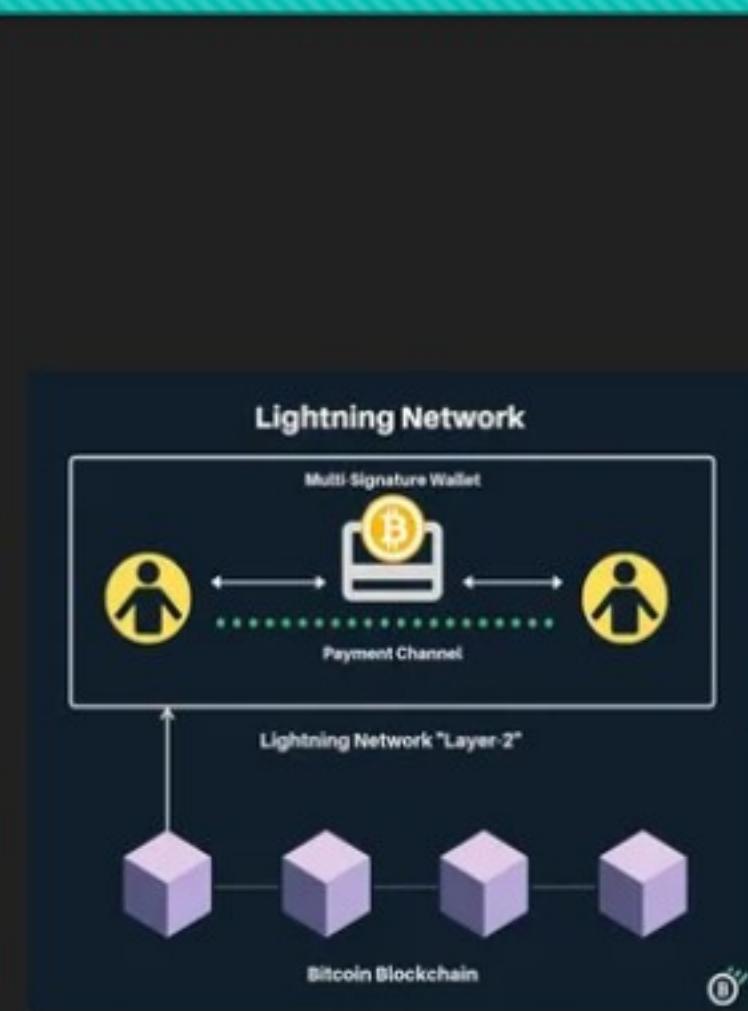
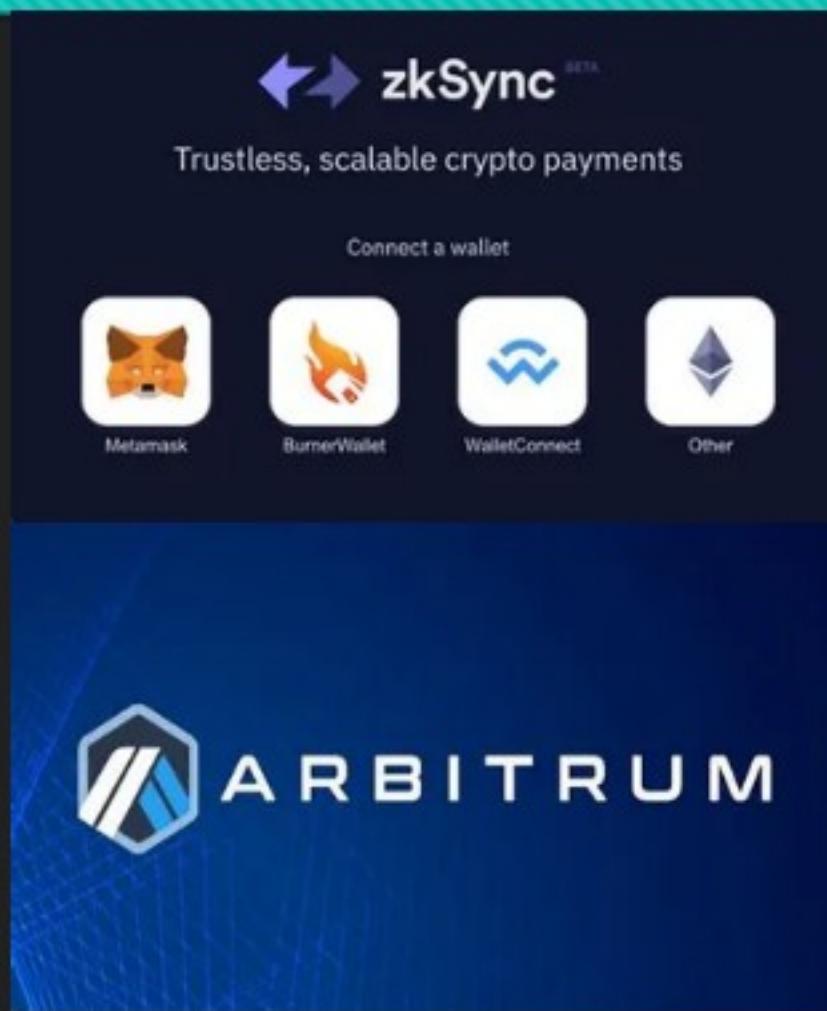
## A bank account connected to crypto

Manage everyday banking, trade cryptocurrencies and store Bitcoin and Ethereum in one account

# Decentralised exchanges, swaps & trading



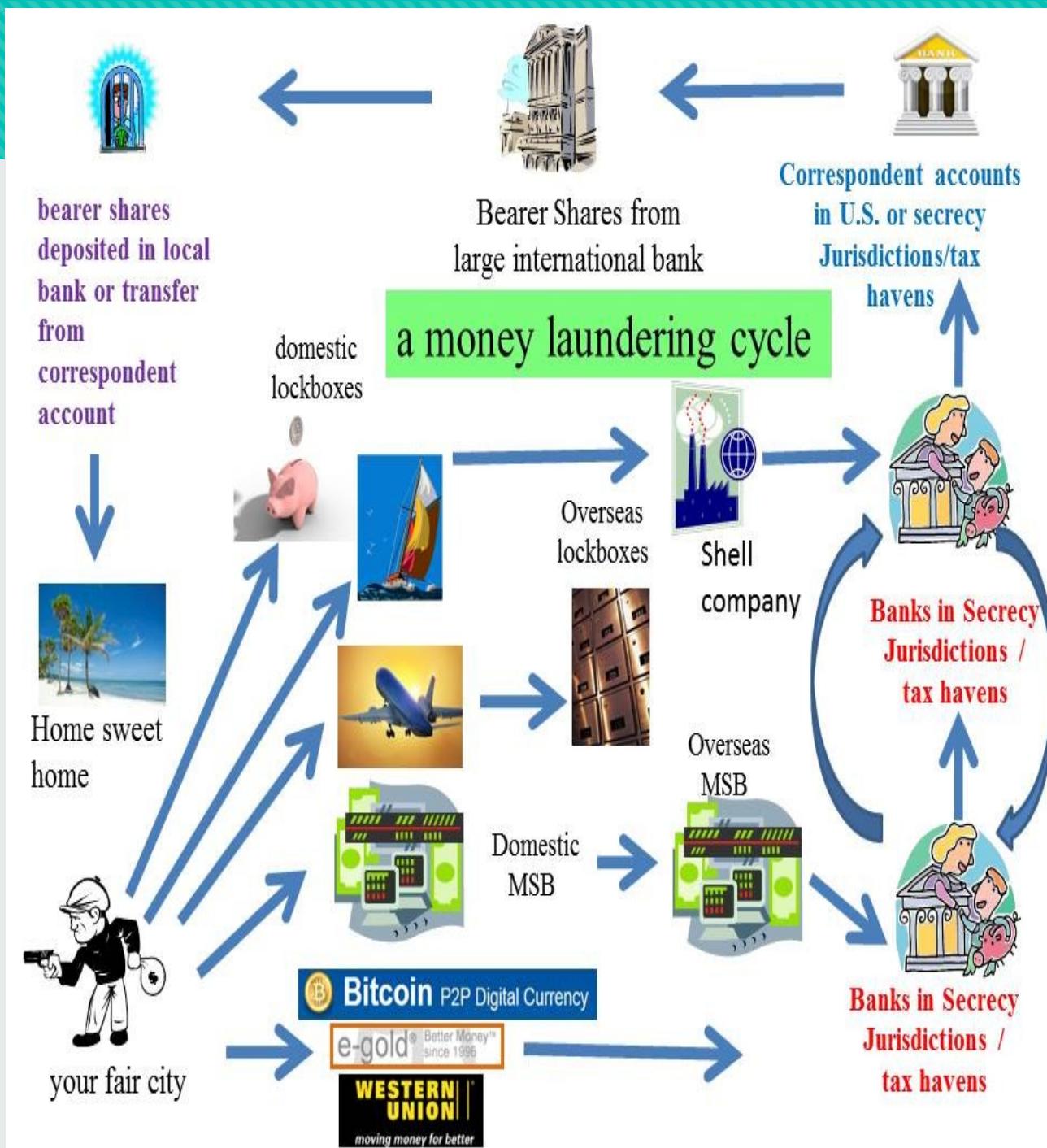
# Second layer networks



# Money laundering

The criminals carried out several money laundering schemes involving the transfer from fiat currency to virtual assets to hide the illegal origin of the proceeds. Some of the identified modi operandi used crypto ATMs and smurfing, a criminal method used to split illicit proceeds into smaller sums and placing these small amounts into the financial system to avoid suspicious transaction reporting.

- The Spanish Civil Guard (Guardia Civil) arrested eight people and charged eight more for involvement in the crypto money laundering ring.
- Seven houses were searched, including a money exchange office and an indoor cannabis cultivation plant.
- Eleven vehicles, €16 800, close to 200 cannabis plants, two crypto ATMs, computers, devices, jewels and relevant documents were seized.
- Spanish authorities froze four 'cold wallets' and 20 'hot wallets', to which €9 million was transferred, as well as several bank accounts.



# Hacking and money laundering

To perpetrate their scheme, one of the fraudsters—Potekhin—spoofed the websites of numerous legitimate virtual currency exchanges to collect users' login credentials and gain access to their real accounts. According to OFAC, the duo employed a variety of methods to move the legitimate funds out of users' accounts, including the creation of exchange accounts with fake or stolen IDs; swaps to different virtual currencies, such as Monero; and moving the virtual currency through multiple intermediary addresses.

Notable DeFi hacks in 2020 included:

- bZx
- Akropolis
- Axion Network
- Balancer
- Bancor DEX
- Bisq
- Cheese Bank
- COVER
- Eminence.Finance
- Harvest Finance
- Lendf.Me
- Opyn
- OUSD
- Pickle Finance
- Uniswap
- Value DeFi
- WarpFinance
- wLEO

**KuCoin Hack is Proof  
that Money Laundering  
Risk with DeFi is Rising**

**Regulatory risks grow for DeFi as a 'money laundering haven'**

# Hardware wallets

## BitBox01

Control your digital assets with the original BitBox, our minimalist hardware wallet and second factor authenticator.



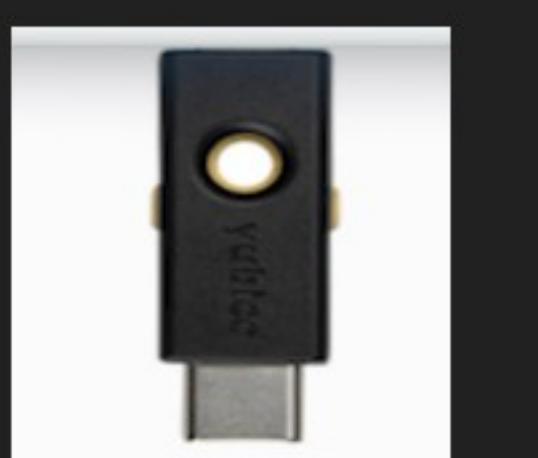
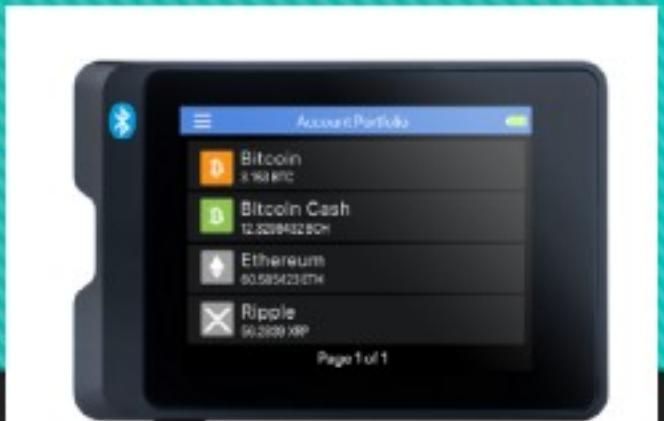
## BitBox02



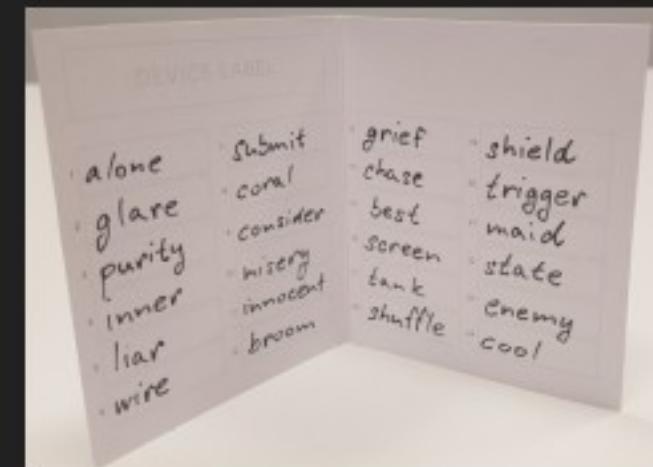
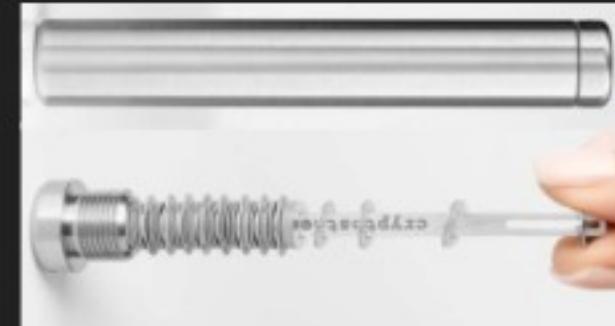
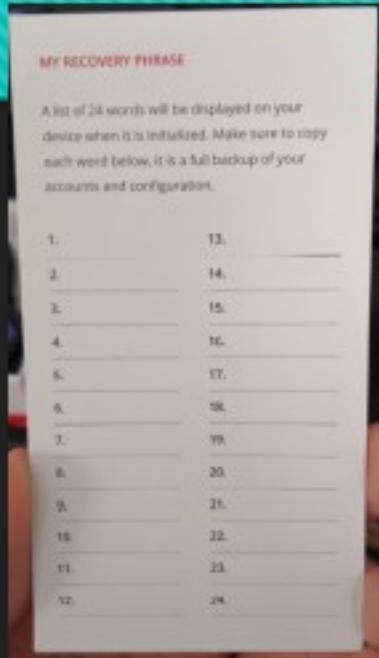
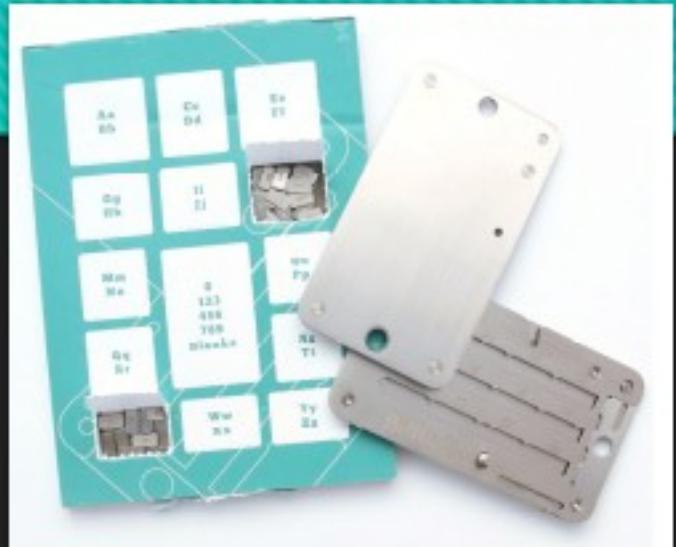
THE BITCOIN CREDIT STICK



# Often have an accompanying mobile or desktop app



# Recovery seed storage



# Mobile phones & apps



Ledger

B  
Blockfolio

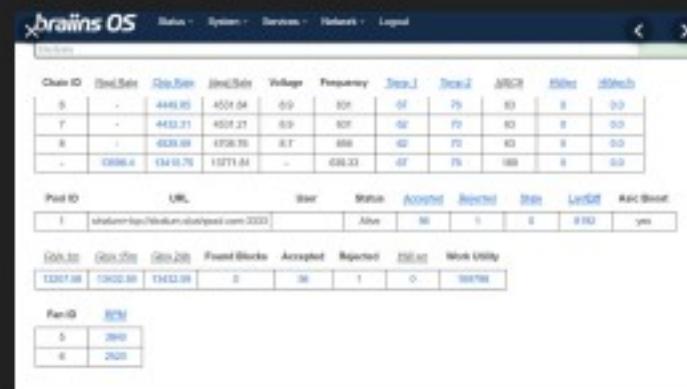
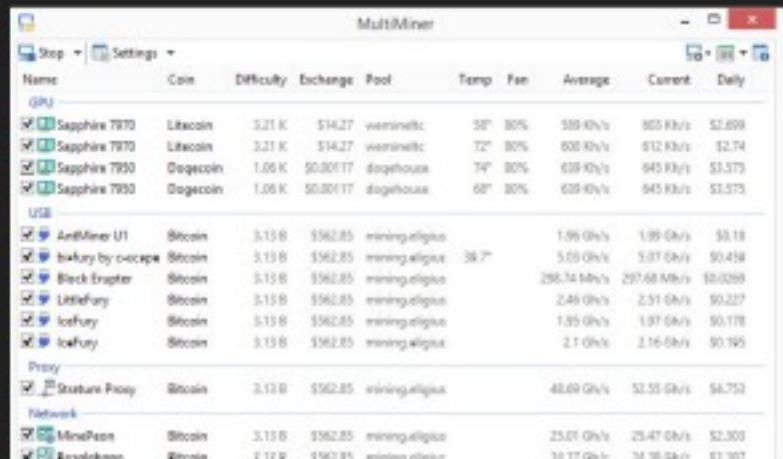
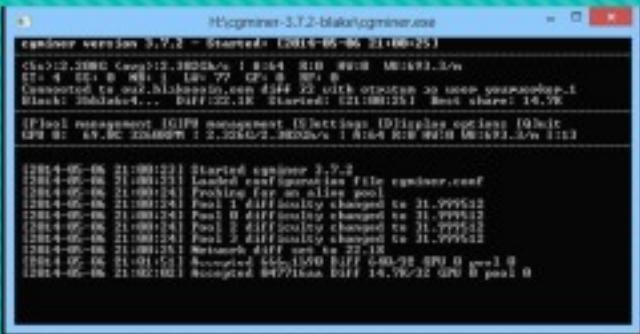
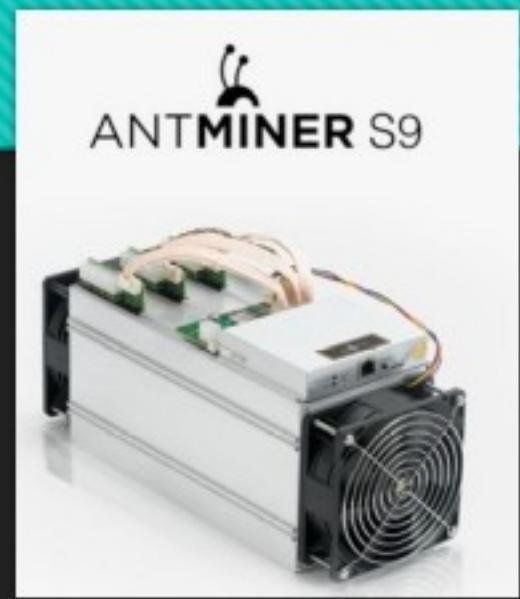


eclairmobile  
Lightning Network Bitcoin wallet



coiniom

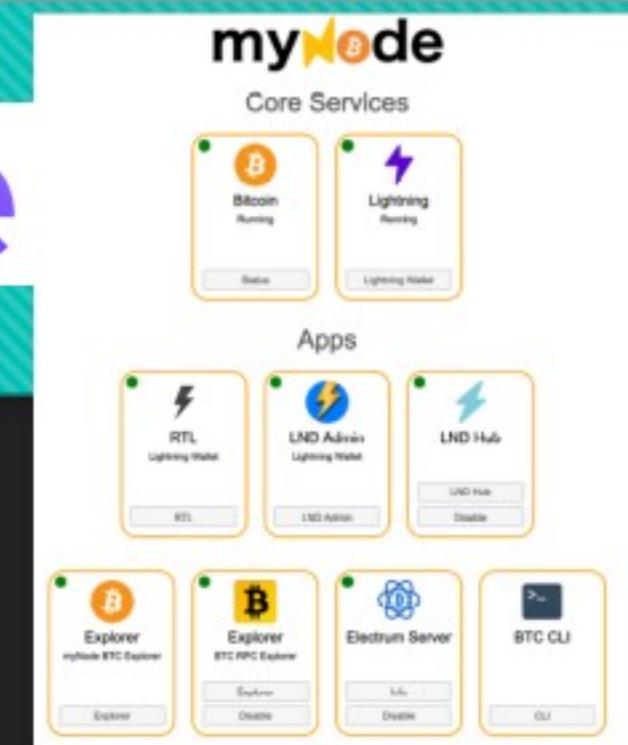
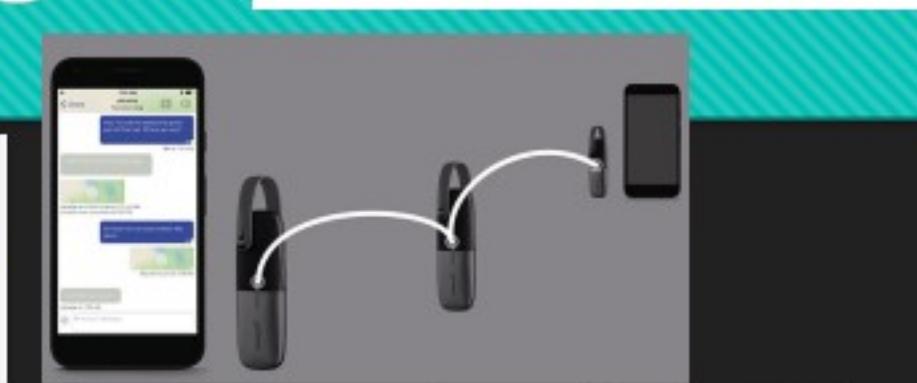
# Mining



# Hardware (Important to think anti forensic measures may be in place and to consider what's on device evidentially)



# Infrastructure



With Strike, Zap Rethinks Its Olympus Fiat-to-Bitcoin Feature

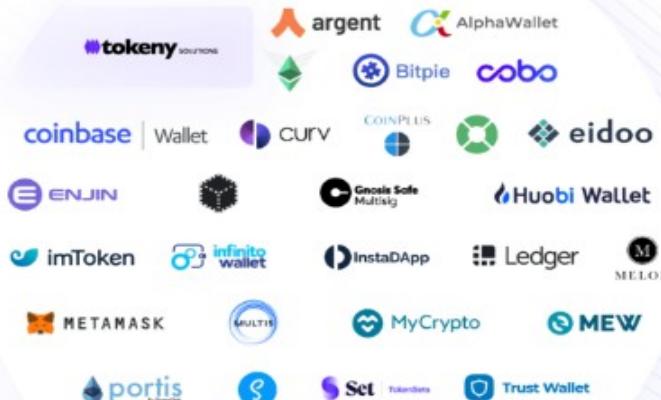
Blockstream  
SATELLITE

opennode

# Decentralized Finance (DeFi) Ecosystem

## Infrastructure

### Wallet & Asset Management



### Prediction Markets



### Lending



tokeny SOLUTIONS

0x, 0xcert, alchemy

blocknative

CARBON

Centrifuge

Chainlink

dfuse

Fabrx

Fortmatic

hummingbot

hydro

kyber network

loopring

libonomy

MELON

polygon

Polkadot

PayTrie

Provable

QuikNode

Ramp

Ren

Set

SOLANA

the graph

TORUS

TOTLE

TRANSAK

UMA

UNISWAP

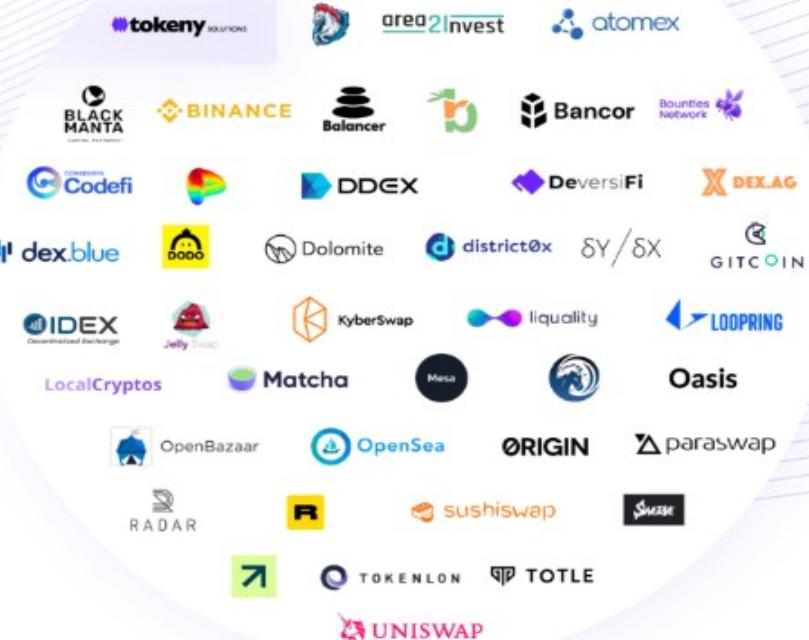
WalletConnect

Zap.org

### Assets Tokenization



### Marketplaces & Liquidity



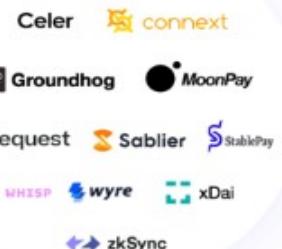
### Stablecoins



### Compliance & Identity



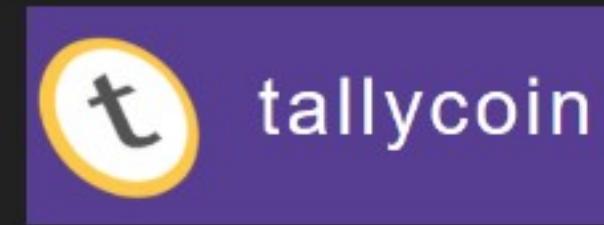
### Payments



# E-commerce, gambling, fund raising & more



host4coins



# Credential Stuffing, Carding and scams

## Cybercriminal 'Bitcoin Billionaire' JokerStash Retires

"Through the identification of UK customers of WeLeakInfo, we were able to locate and arrest those who we believe have used stolen personal credentials to commit further cyber and fraud offences," Paul Creffield from the NCA's National Cyber Crime Unit was quoted as saying.

"Of those 21 arrested – all men aged between 18-38 – nine were detained on suspicion of Computer Misuse Act offences, nine for Fraud offences and three are under investigation for both," said the agency. Some £41,000 (US\$55,000) worth of bitcoin was seized.



Bill Gates   
@BillGates

Everyone is asking me to give back, and now is the time.

I am doubling all payments sent to my BTC address for the next 30 minutes. You send \$1,000, I send you back \$2,000.

BTC Address -  
[bc1qxy2kgdygjrsqtzq2n0yrf2493p83kkfjhx0wlh](https://www.blockchain.com/btc/address/bc1qxy2kgdygjrsqtzq2n0yrf2493p83kkfjhx0wlh)

Only going on for 30 minutes! Enjoy!

1:34 PM · Jul 15, 2020 · Twitter Web App

1.2K Retweets and comments · 1.6K Likes



# Dark net marketplaces

HYDRA

Поиск... Москва 0 BTC darkghs16

Категории: Магазины Товары Записи Форум Обмен

1 BTC = 36 068 USD / 2 561 359 RUB

Сортировка: Рейтинг Цена

Категории: Марихуана, Бензина, Гвозди, План, Масло/Экстракты, CannabFood, Семена.

Шопы: Шопы VHQ АКАД, Gangbang shop, Шопы ICE-D-LATOR, Гашиш Belvia Kush.

Еще марихуана от этого магазина: Гашиш LOVE, Гашиш LOVE, Гашиш LOVE.

Поиск: Москва, Район/штат: Москва, Цена: от..., Кол-во: от..., Код: от..., Код: от..., Гидропоника H0 - OG Kush, ЧУМ Москва TOP 1 COCAINE.

**Brown Heroin 0.5g**

Brown Heroin Good stuff ; import from Rotterdam every week Fixed price here : 20\$ for 0.5g. Fast shipping.

Sold by zouavies - 950 sold since Nov 10, 2015

Vendor Level 7 Trust Level 6

Features	Product class	Physical package	Origin country
Unlimited	Unlimited	Ships to Payment	France Worldwide Escrow
Never			

mail1 - 3 days - USD +2.00 / item

Purchase price: USD 20.00

Qty: 1

0.0221 BTC / 1.8106 XMR

# Non fungible tokens (NFT's)



## First NFT by Terrorist sympathizer spreading Terror Message

According to Mario Cosby, a former federal intelligence specialist who specializes in blockchain currencies, "it's as censorship-proof as you can get." The NFT cannot really be removed, according to Mr. Cosby, who is currently working for blockchain analytics company TRM Labs.



\*TRM | Talks

### On NFTs: Opportunities and Risks

REGISTER NOW

Thursday, December 16  
12pm ET | 5pm GMT



Cody Berlin  
Chief Technology Officer, Autograph

### What does the Metaverse do?

The metaverse is the next generation of the internet: it enables creators to deliver connected, immersive experiences based around activities.



# Forums & Social media



A screenshot of a Twitter profile for a user named "ZachXBT" with the handle "@zachxbt". The profile picture is a white silhouette of a person's head. The bio reads: "On-chain sleuth. Rug pull survivor turned 2D detective". Below the bio, there are links for "donations: zachxbt.eth" and "investigations.nation.site", and a note that the user "Joined February 2015". A "Follow" button is visible in the top right corner. The background of the profile is a dark image of a person in a mask and hat standing in a city street at night.

A screenshot of the chainabuse website, which is a dark-themed platform for reporting crypto scams. The main heading is "chainabuse". Below it, a subtext reads: "The multi-chain platform for reporting scams, hacks and exploits to the crypto community." A "LEARN MORE" button is present. To the right, there are several blurred screenshots of the platform's interface showing various reports and user interactions. At the bottom, there is a "PROUDLY SUPPORTED BY" section with logos for various crypto projects: TRM, SOLANA, CIRCLE, OpenSea, AAVE, CIVIC, HEDERA, and BINANCE.US.

# Remittances and Bitcoin economies

## Bitcoin and Gift Cards Are Powering a Million Dollar Remittance Market in Africa

Ahlborg dove into the complexities of the use case in his article "Paxful is the Most Important Bitcoin Company You Aren't Paying Attention to." It typically works like this: An African immigrant will purchase gift cards out of the country (typically from the U.S.) for cash; they will send a picture of this gift card and proof of purchase to a friend or family member back home; the recipient makes a trade on Paxful, selling the gift card (typically at a discount) for bitcoin; they then take this bitcoin and trade it for their local currency and transfer this into their bank account.



### Lunch

Uncategorized / By BBadmin

El Zonte river cleaning team got paid in Bitcoin and learned how easy it is to use spending it on pupusas at Mama Rosas Pupusaria. Mama Rosa's pupusas are amazing. Bring your appetite and bring your Bitcoin because they don't take credit cards. #bitcoinpupusaria



# Initial Coin Offerings

- These are commonly referred to as ICO's. They are a fundraising mechanism in which new projects sell their underlying crypto assets in exchange for bitcoin or Ethereum. It is somewhat similar to an Initial Public Offering (IPO) in traditional financing where investors purchase shares of a company.
- The first ICO was held by Mastercoin in July 2013 and Ethereum also carried out an ICO a year later in 2014. It was however in 2017 that the concept really took off with huge sums of money being raised in very short time frames. In May, the ICO for a new web browser called Brave generated about \$35 million in under 30 seconds.
- All of this activity was unregulated and unlicensed. Anyone and everyone could announce an ICO and cheaply put the infrastructure in place using the Ethereum platform. As a result this became a hotbed of activity for fraudsters.
- Many used social media to generate interest and then carried out exit scams to steal investments. Others promised the world and pumped the price of their asset (of which they were a majority holder) before cashing out. The price then crashed and investors were left carrying the now worthless asset. Testament to this can be seen in the fact that almost half of all ICO projects from 2017 had failed by February 2018.

# Initial Coin Offerings cont.

- Since this time a significant crackdown from certain jurisdictions has marginalised the ICO concept. The SEC in the USA classes them as Security sales and has took legal action against a number of projects who raised money through ICO's.
- Social media platforms such as Facebook and Twitter have also banned adverts relating to ICO's and in some cases cryptocurrency all together.
- There are now alternative vehicles which fit within regulations that provide a similar means of fundraising. These are Security Token Offerings (STO's), Digital Security Offerings (DSO's), tokenised IPOs.
- Another form of fundraiser called an Initial Exchange Offering is also becoming an option. This is operated by an exchange on behalf of a project and potentially provides a number of benefits. If it is a well known and reputable exchange then prospective investors have some assurances that an exit scam will not take place.
- The exchange also implement background checks on the projects seeking an IEO and take payment for listing a project. Investors will also go through a KYC/AML process with the exchange which provides compliance. Further to this projects can be listed immediately on exchanges improving liquidity.

# DeFi Tokens

- Efforts have been made to replicate fair/decentralised issuance of tokens. These have revolved around rewarding contributors, airdrops, open sale with no premies. Some tokens are also released to those utilising platforms to “stake” or provide liquidity.
- In these instances it is unlikely that any KYC/AML process will have been completed. The use of decentralised exchanges (DEX’s) also allows for the unregulated trading of such tokens. For many projects the token will provide access to certain features or be used in governance decisions.