

Zücoins

Next Generation cryptocurrency

Introducing: The next generation cutting-edge peer-to-peer cryptocurrency, solving the “blockchain trilemma” of security, scalability and decentralisation based on an autonomous and permissionless framework.

 zucoins.com



What are Zucoins?

Zucoins are next generation cryptocurrency, solving the “blockchain trilemma” of security scalability and decentralisation by using data fragmentation to achieve real-time peer-to-peer validation based on an autonomous and permissionless framework.



Can be securely stored or exchanged mobile 2 mobile in real-time



Audited by UL (<https://www.ul.com>).



Scales with the number of network participants.



A new peer-to-peer method of transactional validation.

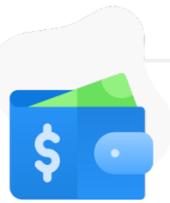
- ✓ No fees
- ✓ No miners
- ✓ Autonomous
- ✓ Permissionless
- ✓ Data fragmentation
- ✓ Ecofriendly
- ✓ Micro fractions
- ✓ Real-time transfers
- ✓ Mobile 2 mobile
- ✓ Third party assets
- ✓ Peer storage
- ✓ Rewards and benefits



Transactional system designed to work with an extendable set of metadata.

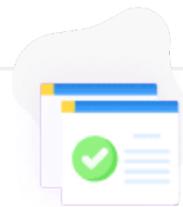
What makes Zucoins so special?

The SplitChain and Zucoin ecosystem use a transactional framework that works with other data & transaction types. This means that third parties can utilise the framework for their own decentralised transfer & verification of data. The ecosystem facilitates a reliable, verifiable & secure online transaction/exchange method for different data types.



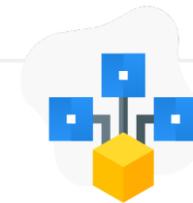
Payments

SplitChain, the protocol underpinning Zucoins, provides an answer to payment problems. SplitChain is working on supporting payments with a simple DIY self-managed integration, with real-time, secure processing. It provides opportunity to businesses to integrate with a new native protocol and take the lead in an emerging web3 industry.



Verification of Data

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Putting It All Together

The P2P Decentralised System not only handles decentralised exchanges of ownership, but also is capable of distributing verified data (for example, as readonly); a potential for a truly decentralised web, with strong redundancy of data storage. Uses could include personal cloud storage solutions, verifying sources of data and even managing augmented and virtual reality concepts such as collectible items, real estate, brands and product catalogues.

Plans also exist to index chosen metadata that could result in applications such as a decentralised mechanism for searching through this P2P Decentralised System, i.e. a decentralised search engine.

Why are Zucoins stored in a PWA?

PWA stands for [Progressive Web Application](#) – a website that looks and behaves just like a mobile app. Users can add it to the main screen of their smartphones. PWAs can send push notifications, access the hardware of the mobile device, and even work offline or in an unstable connection. The Zucoin wallet is a PWA.

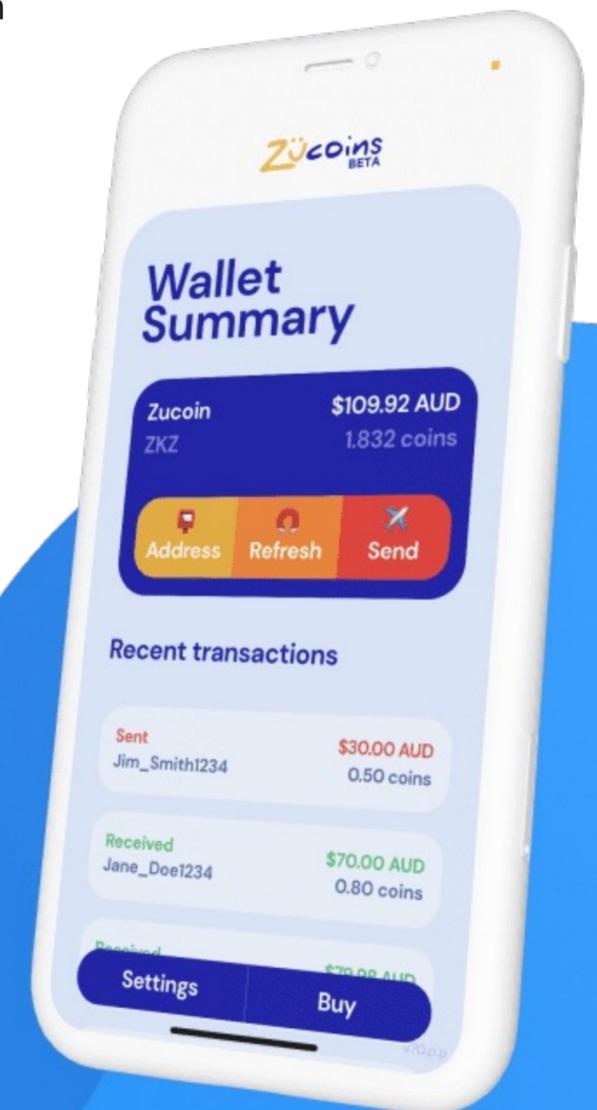
Crucial Benefits

1. Availability in the offline mode

Mobile apps don't display content properly if the internet connection is limited or there's no connection whatsoever. Websites, on the other hand, are often self-contained and allow users to use them while not online. As a result, they offer greater availability and drive engagement. Progressive Web Apps (PWAs) offer the same benefits as websites in the above example.

2. Mobile-like behaviour

PWAs are designed like mobile apps, but offer advantageous website functionalities like dynamic data and database access. Most PWAs benefit from existing frameworks and UX/UI that allow providing superior user experiences compared to websites. Still, PWAs work like websites and are indexable by search engines, which helps in boosting their exposure on the market.



3. Smooth installation

To install a PWA, users can download the app directly onto their device from a website. A PWA gets its own icon on phones and tablets, just like a mobile app.

4. No app store submissions or approvals

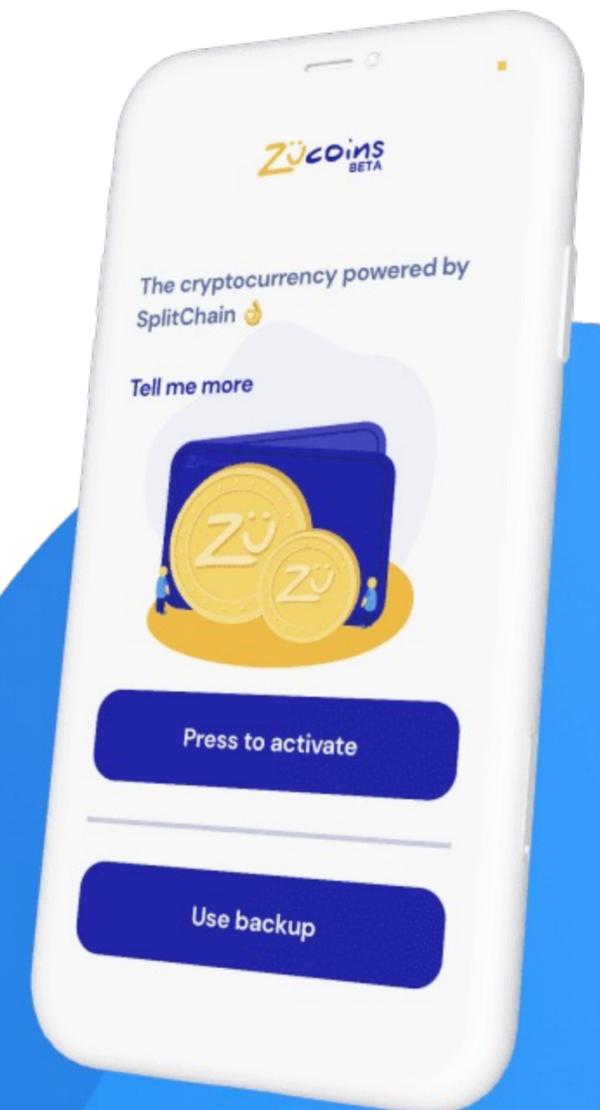
You don't need to publish PWAs on the Google or Apple app stores. As a result, businesses don't have to go through the long and tedious app store submission and approval process. Also, teams can push new updates without waiting for any approvals – the updates are automatically downloaded and updated when users relaunch the app.

5. No app store fees or commissions

Both Google and Apple charge a 30% commission fee on paid applications as well as in-app purchases. For subscriptions made within an application, Google and Apple take a 30% cut during the first year of an in-app subscription while a 15% commission is charged in successive years. By using a decentralized PWA, no fees are payable to Google or Apple which leaves a greater distribution of fees amongst Peers in the Splitchain.

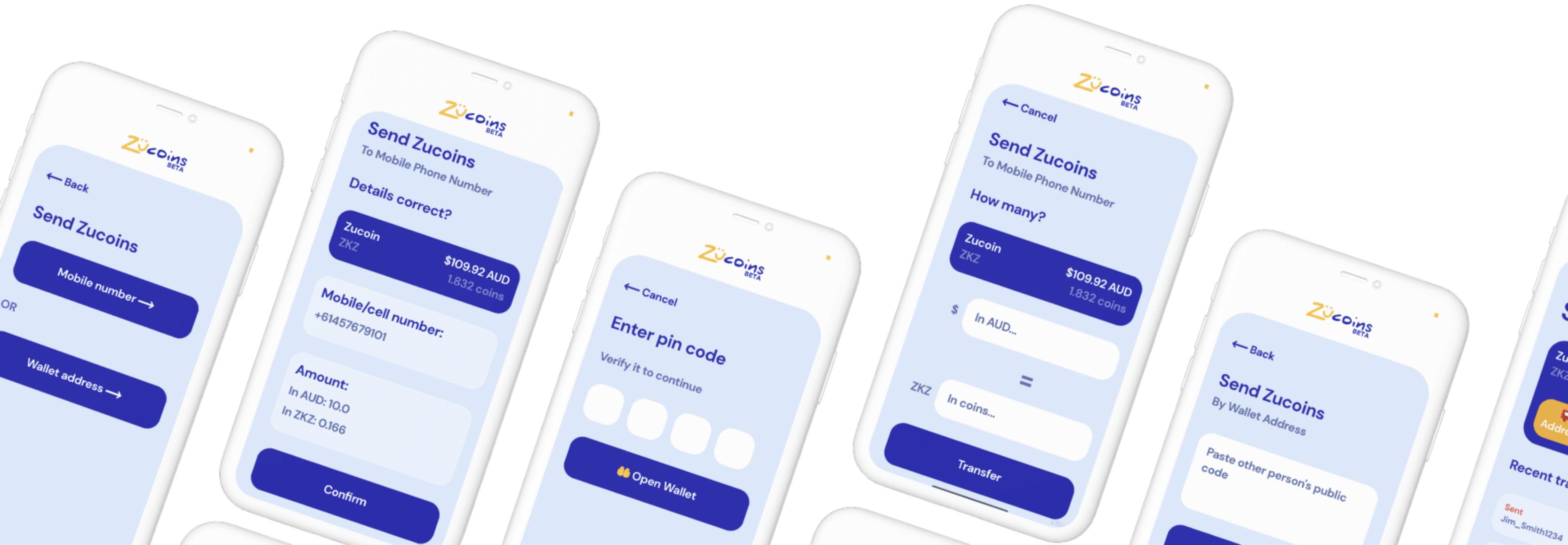
6. Use of hardware features

PWAs allow implementing different mobile features, such as push notifications. The best thing is that developers have full control over their implementation, potentially offering businesses new marketing and sales channel. Moreover, PWAs can take advantage of the hardware features of mobile devices such as geolocation or camera.



How PWAs benefit desktop users

Progressive Web Apps can also be installed on desktop devices like native apps. PWAs stand to bring desktop users many different benefits. For starters, they're smaller in size than native desktop apps. They easily update in the background, so there's no need to encourage users to update their apps on their own. PWAs take no time to install and are reliable.



Cryptocurrency Comparison

	 Zucoins	 Bitcoin
Ticker Code	ZKZ	BTC
Framework	Autonomous and permissionless P2P data fragmentation of storage and real-time transfers at no cost.	Data blocks governed by delayed mining consensus and validation for rewards.
Finite Supply	100 Million only	18.5 Million but an additional 2.5 million BTC to be created from miners until around 2140
Market Capitalisation	AUD10 Billion	AUD588.77 Billion
Price	AUD100.00 (as at 28/06/2022)	AUD29,451.28 (as at 28/06/2022)
Storage	Based on the 'P2P Distributed Power of Trust', a new peer-to-peer method of transactional validation, Zucoin's framework has the additional potential to be utilised by third parties for a variety of different transaction and data types.	Decentralised storage of distributable ledger blocks.

Cryptocurrency Comparison

	Zucoins	Bitcoin
Ledger Updating	Real-time Peer-to-Peer ledger updating via secured data fragmentation without traditional slow miner verification and authentication using SplitChain.	Updating of ledger via proof-of-work requiring honest computing majority of miners to verify BTC transactions by completing a block in return for 12.5 BTC rewards.
Transaction Verification & Authentication	Real-time per each ZKZ transaction.	Extended delays of between 10 minutes and 3 hours per each BTC transaction.
Transaction Fees	No transaction fees.	Average transaction fee of USD28.00 reaching highs of USD48.00.
Processing Speeds	ZKZ: 100,000+ transactions per second. Real-time processing speeds using Peer-to-Peer ledger updating via secured data fragmentation. Not fixed speed. More network participants = more throughput.	BTC: 3.3-7 transactions per second. Slow and cumbersome processing caused by network congestion, delayed consensus amongst miners when verifying and authenticating multiple block ledgers and being completely reliant upon thousands of decentralised BTC nodes to update and store BTC transaction data.

Cryptocurrency Comparison

	Zucoins	Bitcoin
Security	Safe and secure, using revolutionary SplitChain technology that fragments data through the network.	BTC has no intrinsic value. Increasing complexity of wallets and overall system make security holes more likely and harder to fix.
Recoverability	Transfers require 2SA, where you not only cryptographically sign the transaction to the correct peer, but also physically send it to the intended recipient before it expires. Each wallet can additionally be backed up.	There is no mechanism to recover stolen or lost BTC. If the wallet file gets stolen or lost, all BTC are lost forever.
User Friendly Technology	Simplified and user friendly ZKZ Wallets made possible with revolutionary technology.	BTC Wallets are technically challenging with private and public keys with best practices to protect BTC being overwhelming to everyday user.
Commercial Application	Zucoins is designed to be expandable for other use cases. Zucoins are capable of being used across all industry sectors, from buying a simple cup of coffee, to physical assets like a house, digital assets...	BTC is incredibly slow, hugely expensive, and very impractical, has limited scalability and is intrinsically valueless. Hence, BTC will never function as an efficient medium of exchange amongst merchants and consumers...

Cryptocurrency Comparison

Commercial Application
(continuation)

 **Zucoins**

... like artwork or in-game characters, or real-time transfers between friends and family across the globe, without any fees or FX charges.

Energy Consumption & Sustainability

Minimal additional energy consumption compared to other cryptocurrencies due to the Peer-to-Peer fragmented storage and zero miner involvement.

 **Bitcoin**

...eager to commercially interact on a global scale.

Bitcoin electricity demand is hovering around 143 terawatts per hour, significantly outpacing electricity consumption of several countries including Argentina.

Zücoins



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