Para／elChain

ParallelWallet
Beta Release

A summary of what this Beta includes.

ParallelWallet is the world's first **multi-biometrics crypto wallet** powered by ParallelChain Lab's proprietary blockchain and AI technologies. Each of you will create your **Personal ParallelChain** simply by creating an account.

Go password-less with our Face, Palm, and Voice recognition technologies. Send and receive tokens across multiple blockchains including Bitcoin, Ethereum and Binance Smart Chain, **more effortlessly** and **securely than ever.**

A ParallelChain-native wallet that supports storage, transfer and **staking** of XPLL and other ParallelChain-standard assets or NFTs.

Key features of ParallelWallet Beta:

- <u>Send and receive tokens across multiple blockchain **testnets**, including **Bitcoin**, **Ethereum**, and **Binance Smart Chain**</u>. This Beta supports testnet ERC-20 and BEP-20 versions of TST and USDT.
  [DO NOT use real tokens in ParallelWallet Beta, you will lose them forever. Only use **TESTNET TOKENS**.]

- **Password-less** crypto wallet user experience.

- Create your **unique bio-key** with a combination of face, palm, and voice biometrics.

- **Bulletproof storage** for your tokens, protected by your unique bio-key.

- Create and own your **Personal ParallelChain** where all your private data are securely stored.

- Track the latest **news** and **developments** of ParallelChain, and engage with the community.

- Built-in live **price charts** and **market data**.

What's new in this Beta release?

Thanks to all the feedback provided by our **community members** in the closed-beta, we have identified a few key areas for improvements.

In this Beta release, we focused on **user experience** and **biometric performance** enhancements.

Our team had also made the app more visually appealing with a **fresh look**.

We will go through all the changes in detail below:

Added: Multi-factor biometric authentication.

Our goal is to build an **ultra-secure** crypto wallet for you to store funds in, **without the complexity or sacrificing on security and privacy**.

It is made possible by leveraging our biometric recognition together with blockchain technologies.

You can now secure your wallet with **more than 1 biometric**, along with the option to update your biometric authentication settings **(1, 2 or 3 factors)** anytime.

Be in control and comfort, as only your **Personal ParallelChain** holds mathematical representations of your biometrics data.

Added: **Testnet** ERC-20, BEP-20 tokens support.

ParallelWallet Beta supports both **ERC-20** and **BEP-20** versions of **TST, USDT** tokens on the **Ethereum Rinkeby testnet** and **Binance Smart Chain testnet**.
[DO NOT use real tokens in ParallelWallet Beta, you will lose them forever. Only use **TESTNET TOKENS.**]

We will continue to increase the wallet's token coverage based on **community polls** and **requests**. Make sure to let us know about your favourite coins when the poll begins!
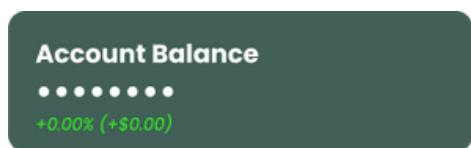
Added: The ability to complete the registration of biometrics later.

For those who do not have the time to complete registration in one-go. We added the ability for you to **resume your biometrics registration** progress. You can do parts of the registration, quit the app, and then come back later to continue.

This version also fixes the "roadblocking" bug that some of our testers had encountered during the closed-beta.

Added: Private mode and email notifications.

Account Balance
● ● ● ● ● ● ● ●
+0.00% (+$0.00)

We added a "**Private Mode**", which you will be able to activate on your settings page. The USD value and portfolio balance will not appear on the UI when the mode is enabled. **Long press** on the "Hidden" field to view your balance while active.

This feature should allow you to show off your ParallelWallet to your family and friends while maintaining your privacy.

Email notifications will be sent to you when core actions and events are triggered, with the option to turn it on or off in settings. By default, the wallet will send out notifications when the following actions/transactions occur:
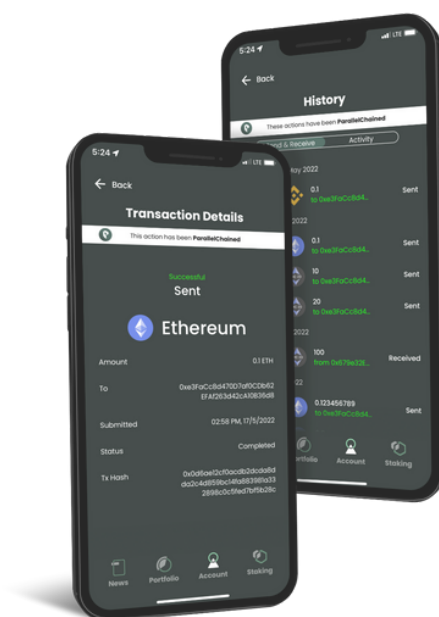
- Login success
- Change of authentication method
- Token received
- Token sent

Added: Storage of user data and activities on your Personal ParallelChain.

All wallet data, including your: biometrics, transactions records, authentication attempts, settings changes, wallet addresses, and user activities, are **recorded on your Personal ParallelChain.**

An **end-to-end cryptographically verifiable** audit trail of wallet activities will be made available to you and only you.

Equipping you with the tools to stay informed of any unauthorised access or suspicious behaviours on your wallet.
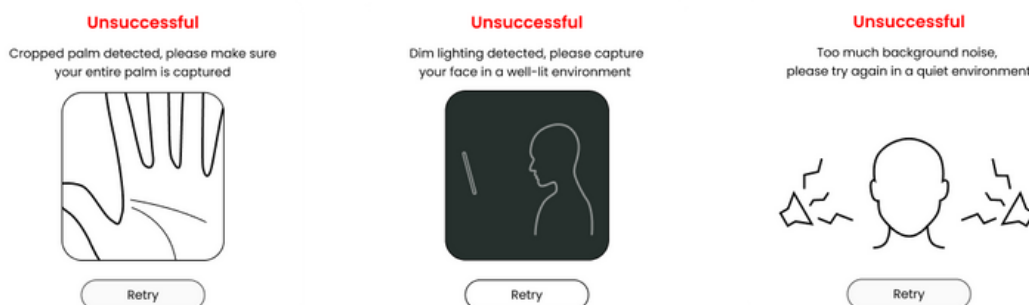
Added: "Last Sent" address on coin withdrawal page.

To save you **time** and **effort** during copying and pasting between apps, the **last sent address** will be shown to you when you withdraw tokens.

When sending tokens to the same wallet address as before. **Simply copy the address** to your clipboard, and then paste it up top at the "Recipient" field to submit the withdrawal request.

Added: Biometric error messages and feedback

To help you make adjustments and find out why did biometric errors occur. We have added more informative error messages, feedback, and suggestions when you are unable to authenticate or register your biometrics. **E.g. Cropped palm detection, dim lighting detection, background noise detection** and more.

This feature should help to increase your biometric authentication success rate. By providing the feedback and guidance needed for you to make adjustments.

Apart from the new features described in the sections above, we made further enhancements to our existing features, including the following.

Fixed

Removed **roadblocking bugs** during the registration process.

Ensured app is **no longer crashing** when entering an empty email during sign-up.

Ensured the **full deposit wallet address** is shown to you on the deposit page.

Removed spacing and **UI issues** on smaller screens.

Improved

2-3x Faster loading time for biometric authentications.

Increased Face, Palm, and Voice ID **recognition accuracy**.

Improved usability of Voice ID registration.

User interface overhaul to give a **sleeker look**.

ParallelWallet
A blockchain in your pocket.

Beta testing in July 2022.

Available on TestFlight

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