

# **UNIKEYS**

We empower people to seamlessly and safely adopt digital assets into their lives.

# Unikeys All In One Ecosystem



Biometric Card Hardware Wallet

**Enabling 3FA Security** 

Frictionless Transaction Experience Enterprises Friendly (White Label)



# Hardware Wallets

### **A Rational Choice**

- Centralised exchanges vulnerability
- Private keys too exposed in hot wallets
- Interact In a trusted environment
- Own your cryptocurrencies
- Safeguard your private key



### Let's move from a cumbersome user experience where...

- Extra pin codes are required
- The mainstream usability is low
- Devices are not friendly user for all
- A handful of people can master all features

### ...to a world where hardware wallets can be...

- Used anywhere
- Friendly user
- Highly transportable
- Multifunction



# The UKey Card: A Unique Combination

### **Biometric Sensor**

A fingerprint sensor that enhances and secures the user experience. 2 fingers can be registered. The biometric data never leaves the card.

### **Transport It Anywhere**

The dimensions are the same as your banking card (ISO/IEC 7810). The UKey card is compatible with the ISO dimensions.

## **Energy Efficient**

The combination of high standard technology is guaranteed by a long lasting battery that doesn't need to be recharged.

### Robust Cryptography

Fingerprint templates and private data are stored in a certified secure element (EAL6+). Unikeys uses the most advanced cryptography standards.



## NFC/EMV

EMV and NFC are embedded into the card to comply with all point-ofsale readers. The communication is only enabled when your fingerprint is recognized.

# Rethinking Hardware Wallets

- The **fingerprint** becomes the pin code.
- The current contactless card protocol is highly vulnerable to hackers.
- The biometric authentication secures and highly improves the UX.





- The UKey card can host multiple crypto-assets
- From 2FA to **3FA** (Something I have, Something I know, Something I am).
- The most portable and **compact cutting edge** hardware wallet.



# Unikeys Pilots, Introduced at Ethereum Japan



### **Ethereum Wallet**

#### Goal

Utilize the UKey card to secure a private key and sign transactions on the Ethereum blockchain.

#### Remarks

- The UKey card enables the access to the app and to sign transactions.
- The User Experience has been praised by the community especially in comparison to the existing hardware wallets. The wallet was first introduced at the Fintech Week in London and at NYU in New York.





### Payment Channels Wallet

#### Goal

Showcase a seamless payment channels experience from a to z by enabling a smooth creation and utilization of payment channels.

#### Remarks

- The first worldwide implementation that showcases a payment made from a card and from a hardware wallet on top of Payment Channels. On this wallet, cryptocurrency payments are fully taking place instantly.
- A complete experience from the opening of the channels, the purchase at the merchant, to the withdrawal from the merchant.



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# The Unikeys Mobile Wallet

- Physical (QR) and Online Payments
- Live Price and Statistics
- Optional 3FA
- Possibility to Add ERC20 Tokens
- Multi-Signature Framework on Demand
- Scalable Infrastructure





# White Label Offerings



#### **Unikeys Enterprise Solutions**

Moving from simulations to real life implementations happens now

At Unikeys, we believe that implementing real blockchain powered solutions is about offering the ability for users to seamlessly and securely transact. We are committed to empower any enterprise or private blockchain/DLT ecosystems to move one step further by enabling users to store their assets into the most secure biometric card hardware wallet.



#### **EXCHANGES**

Simplicity of utilisation and the highest levels of security are gathered into our tailor made UKey cards. Whether it is for trading or sending funds anywhere around the world, the white labelled UKey cards give the real ownership of assets to customers.



# FINANCIAL INSTITUTIONS & GOVERNMENTS

Alternatives empowering users to sign transactions with a biometric card remove frictions and the dependence on tech savvy users. Unikeys' products flexibility and versatility can be leveraged to develop tailored products.



#### ICO/STO/IEO

The emergence of utility and security tokens have proved that the digitization of assets is definitely possible. The number of projects is increasing at a staggering path, however differentiation is key to the success of those teams.





# **Contact us**



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