\$2 trillion

of crypto assets are held in single key accounts

that's about the same amount as all USD in cash circulation, globally







introducing

KSIG.UK

by KPAY

An air-gapped, offline, multisig signing solution

Building trust together eliminating single points of failure

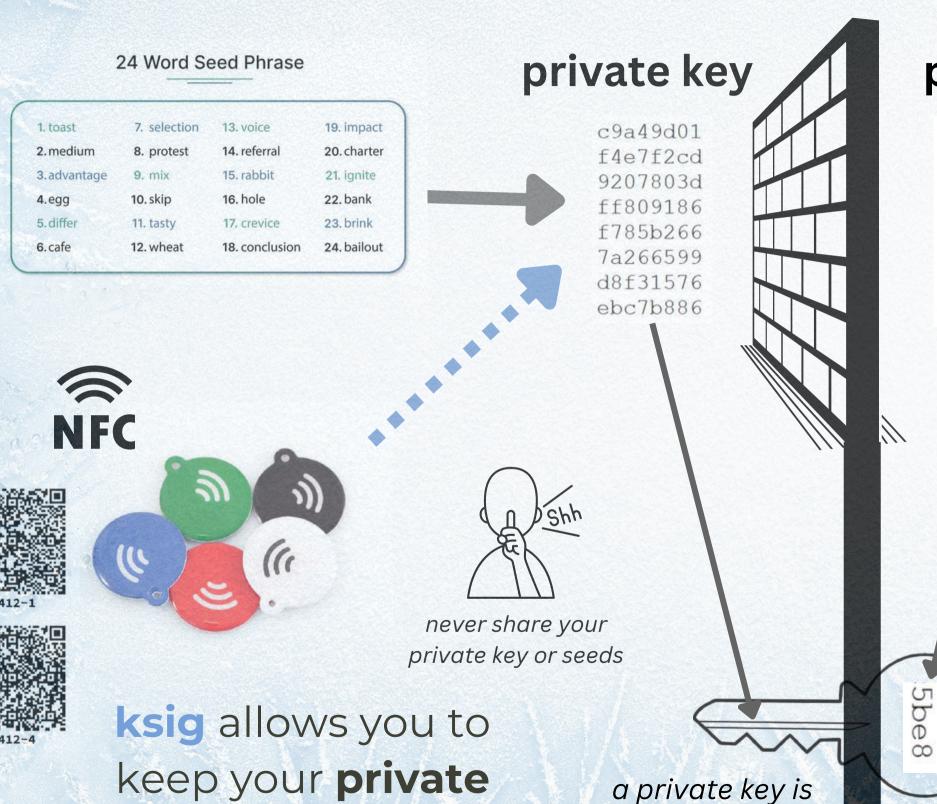


QUANTUM RESISTANT AI AGENT READY



ksig.uk offline signing & cold key storage

like the key cuts



keys in COLD storage

public key

anyone can see your public key

32d9c631 d8ff6914 7e5bbf66 2e51d163 d553c99d c4ad57b6 a128a69e 595c5be8



a public key is like a label on a key - it identifies the key



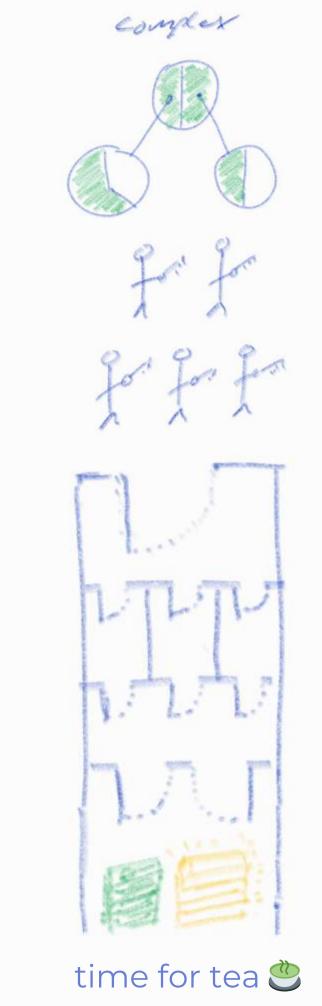
ksig.uk



2 keys, 2 doors enter via **either** door



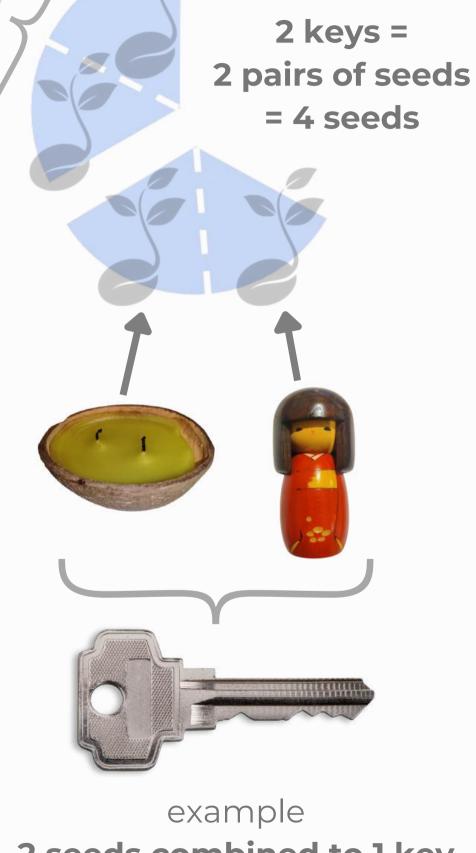
3 keys, 6 doors enter thru **any 2** doors



2/3 threshold key

key threshold level is what is seen **publicly** on Hedera

Hedera native threshold keys provide high security and redundancy if seeds are lost or stolen



2 seeds combined to 1 key ~ root hash

keys vs seeds

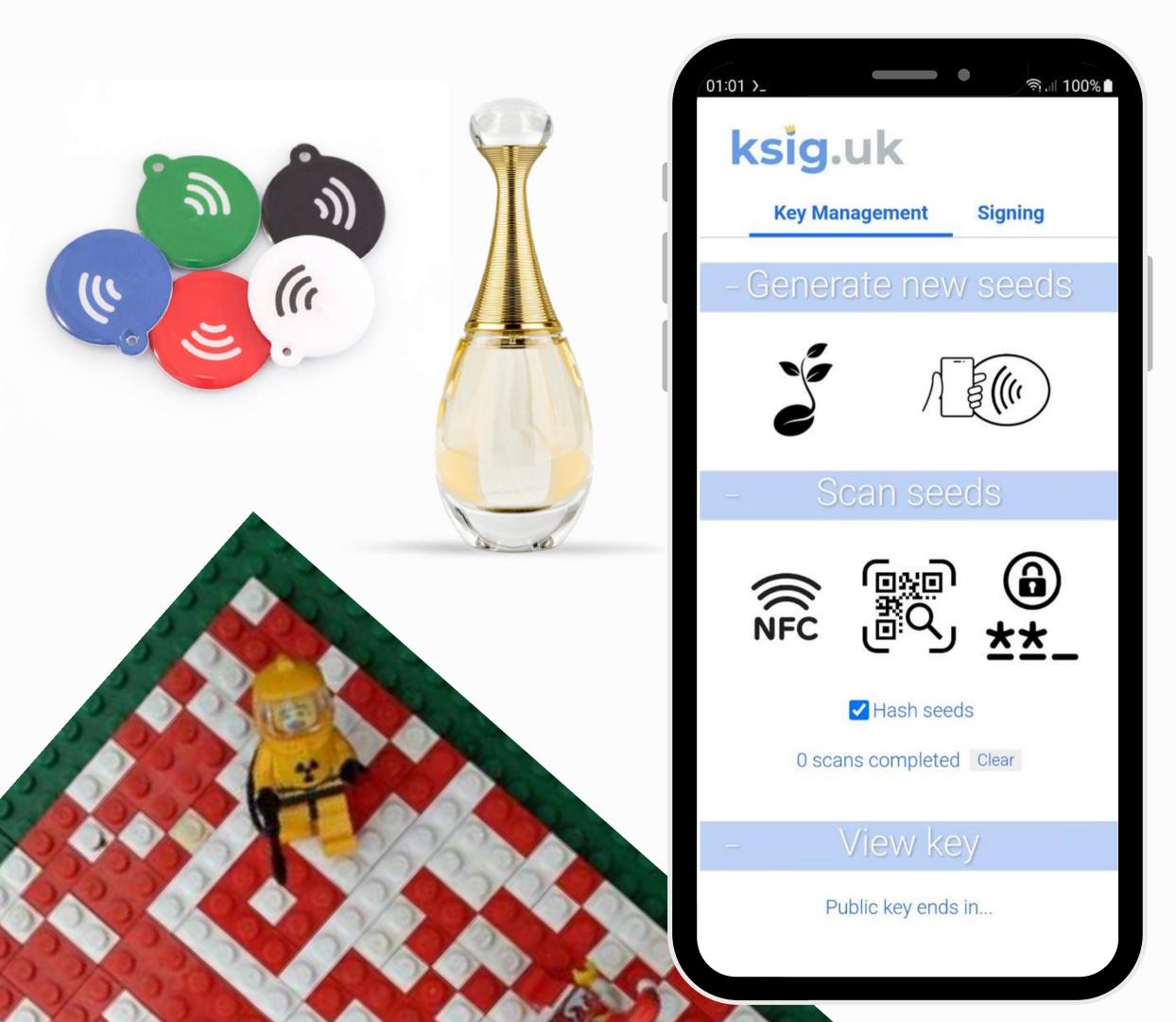
keys are formed from multiple seeds

a single seed does not leak sensitive information

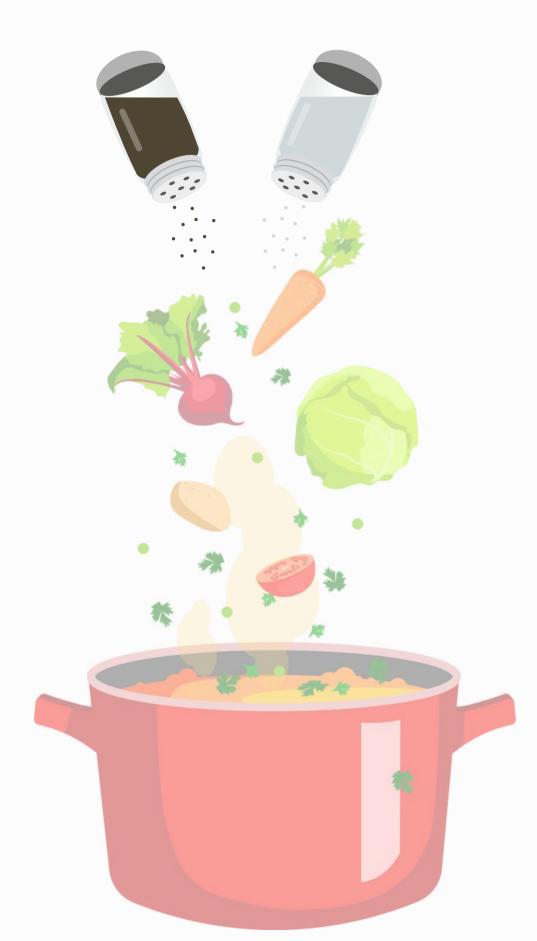
add any number of seeds for extra salting / entropy / complexity in reforming

seeds stored in QR codes or NFC tags (optionally attached to objects)





multi-sig to multi-seed create your own unique recipe



ksig.uk process flow





initiates an off-chain Hedera transaction

(as needed) shares link with users who need to sign

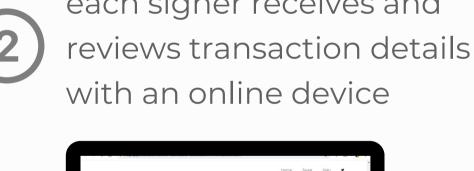




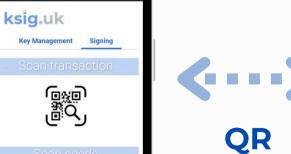
- back to online widget

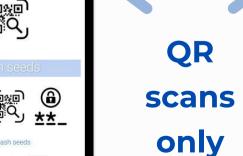


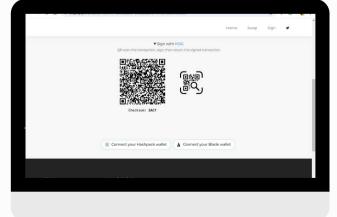
each signer receives and with an online device





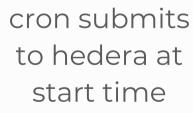






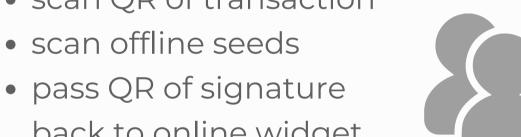


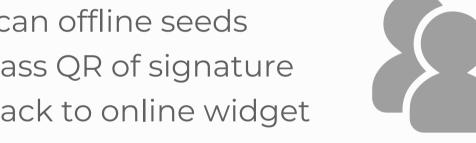










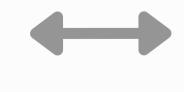
















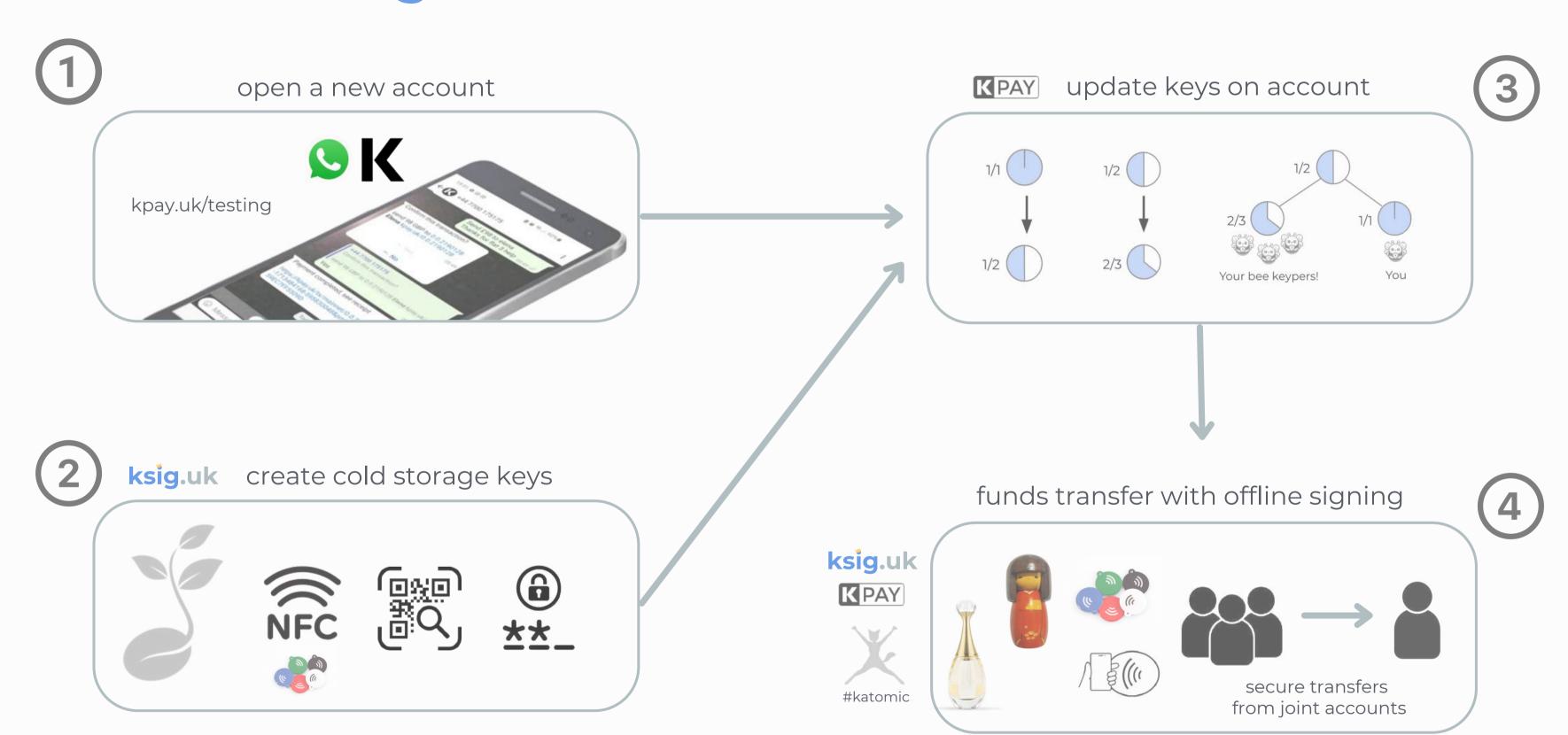


▼ Sign with KSIG





ksig.uk integrated demo ksig.uk/demo



social account recovery



Bee keypers

Bee safe - keep your spare keys with bee keypers 🐳 🔑

"There once was a bee called Lee Who looked after keys for Marie When they fell down the loo And were lost with the poo Oh Lee made a brand new key!"

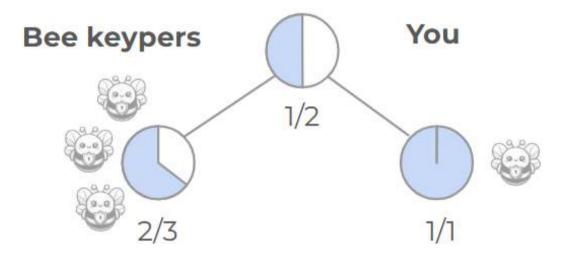




Your account number

0.0.12345

These are the keys to your account. Keep them safe. But if you do lose them, get help from your bee keypers at once!

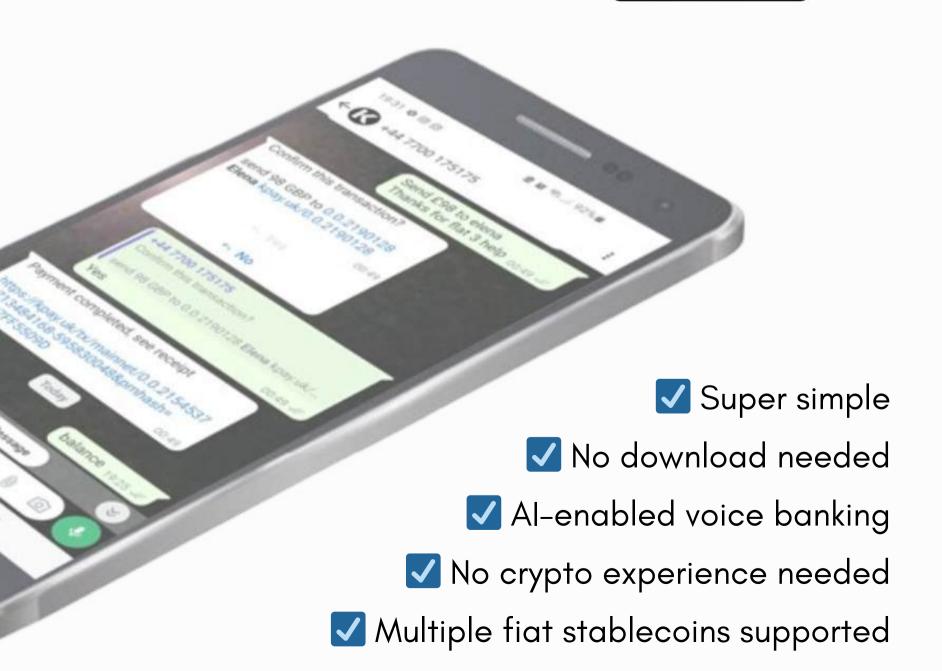


Your account can be designed just for you. In this example you have complete control of your account with just your key. But if you lose it, 2 of your bee keypers can help you replace it.

Global market



WhatsApp voice & message banking by **TPAY**



ksig.uk

is integrated with the world's most popular messaging app, giving instant access to

3 billion

users worldwide

1.7 billion people don't have access to financial services, but many of these do have WhatsApp

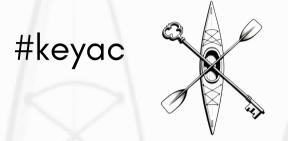
ksig empowers people with agency to manage their own financial wellbeing, and with safeguards through trust circles

regional sponsors welcome, especially LATAM

Join kpay.uk/testing and follow x.com/kpaylive

Hedera ecosystem market

hbar value held in single key accounts



BALANCE PER ACCOUNT

HBAR VALUE

| XLarge > 10M | 16 bn |
|------------------------|--------------|
| Large 100k - 10M | 5.6 bn |
| Medium 1k – 100k | 1.8 bn |
| Small < 1000 hbar | 21 M |
| Tiny < 1 hbar | 0.4 M |
| Total hbar value | 23.4 billion |
| in single key accounts | |



riments

wallet integrations



security audit



