Soverance: An anonymous hardware wallet solution

Akiara Makoto
Soverance.org

Abstract: Soverance is a downloadable hardware wallet solution for digital asset cold storage. The Soverance wallet software repurposes old cellular devices ,clearing all data on the phone prior to installation, revitalising old phones to become your hardware wallet. The most significant aspect of this wallet is that it will always be KYC free, anonymous, customizable, and sustainable.

Introduction:

KYC is a violation of privacy. The sole reason for the creation of Bitcoin was to enable a peer-to-peer transaction mediation system where individuals were able to retain privacy, rather than submit data and allow a 3rd party participant to transact on their behalf. With hardware wallets needlessly databasing customers' information, such as licences, addresses, pictures, etc, humanity is moving towards a slippery slope wherein, any data leakage could compromise the basis of digital assets and provide information to those with malicious intent. As all crypto users must learn, KYC is inherently the antithesis of the crypto space and the software Soverance provides is created to enable every individual the ability to safely hold their assets as securely as possible with affordability and sustainability at the forefront.

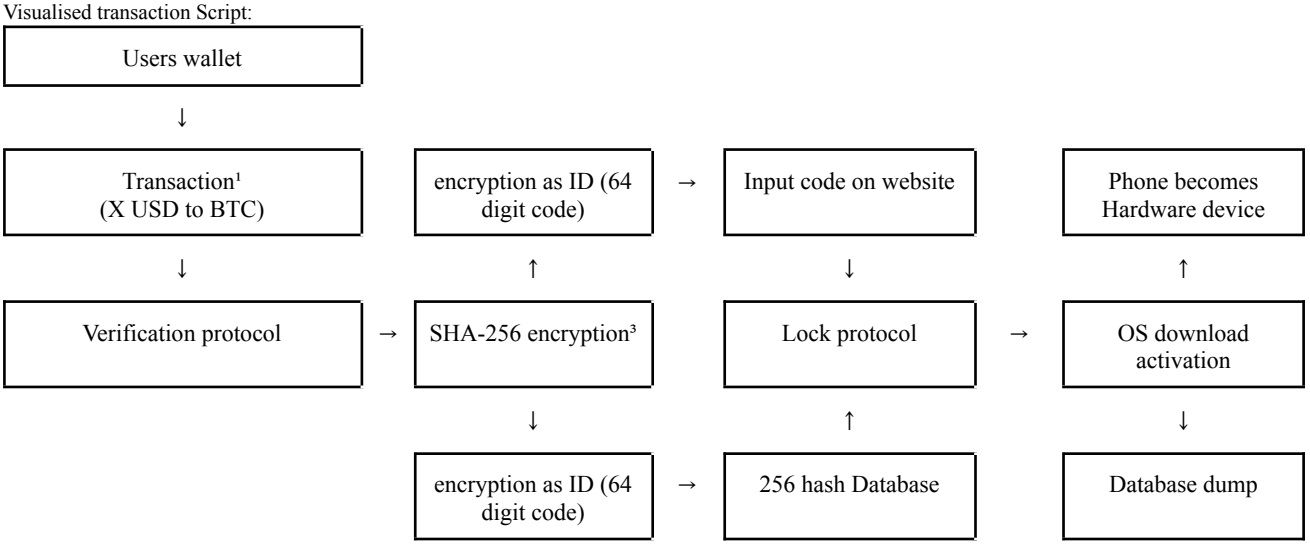
Our Promise:

We will NEVER database our users.

Transaction script:

The transaction protocol enables the guarantee of anonymity. The initial transaction is made by the user and once the purchase is received, the protocol databases the wallet and the amount is converted to USD. The wallet is run through a SHA-256 calculator and the wallet is logged as the encryption referred to as the output or code. Once the transaction is made and verified, the user will copy and paste their wallet into a SHA-256 calculator, generating the identical code. The user will submit the output code to the website. If the BTC value is equivalent to the USD price and the wallet encryption log matches the code input on the website, the download will commence.

Visualised transaction Script:



Soverance Protocol setup - website & user steps:

1) [User : action] - Transaction takes place.
2) [Website : script] -The verification process takes place.
    a) [Website : script] - payment database.
        i) [Website : script]- payment calculator verification system.
            (1) [Website : script]- Green light protocol verifies transaction.
    b) [Website : script]-Wallet database.
        i) [Website : script] Wallet address → SHA-256 (key).
        ii) [User : action] – wallet address → SHA-256 on website (key).
        iii) [Website : script] - Active database is placed in lock protocol.
        iv) [User : action] - User inputs key into lock protocol.
            (1) [Website : script] - Lock protocol verifies 1 time use.
    c) [LibertyOS : script] - LibertyOS begins download
        i) [Website : script] -of SHA-256 key is dumped.
        ii) [User : action] - User chooses IOS or Android download.
        iii) [LibertyOS : script] - Liberty OS fully downloads.

3) [User : action] - Use LibertyOS device.