

## CRYPTO CURRENCY HD-WALLET BACK-UP

Wallet*				
Dovico**	Nanufacturer: Nindows / Mac / /	Model: Android / iOS / Linux / V	Neb wallet /	
Password			2FA-en	abled
'Sood Phrase	e' words (12/18/	PIN		
Seeu Fillaso		24)		
1	2	3	4	
5	6	7		
9	10	11	12	
13	— 14 ———	15	16	
17	18	19	20	
21	22	23	24	
1st Deposit		on (data)		
Notes				

Password and/or PIN are optional, depended on wallet;

(\*) Wallet : program name, like Mycelium, Airbitz, Breadwallet ....; In case of online wallet: URL with wallet-ID; Or brand of hardware wallet: Trezor, Ledger, Bitkeeper;

(\*\*) Mac = OS X; iOS = iPhone/iPad; Linux includes Ubuntu, Mint, FreeBSD.

(\*\*\*) In case of Samurai: Mnemonic 1-12, and Seed phrase 13-22.

## Instructions

- Most cryptocurrency HD wallets for Bitcoin, Litecoin, Ethereum and other cryptocurrencies offer the option to back up the private key(s) by writing down 12 (or 18 or 24) english words. Such a series of words is often referred to as Seed Phrase or Recovery Phrase.
- Hardware wallets, like Trezor, Ledger and Bitkeeper offer the same protection on basis of a seed phrase. In case the device is lost or is malfunctioning, a newly purchased hardware wallet can be restored with the old Bitcoins and other coins by entering the seed phrase.
- The Seed Phrase gives one the security of a back up. However, any knowledgable person who has the chance to copy the seed phrase has full access to your coins!
- Never make a picture nor scan the filled-in form. Virus software may steal the seed phrase. Never e-mail the Seed Phrase or transfer it via WhatsApp or similar. Be paranoid.
- Store the filled-in form in a safe place. Even better, store it in 2 geographically separated locations. (Think of disasters like your house burning down).
- In case you lose you phone and/or wallet app, you can download the same wallet app on another phone and recreate the wallet with the 'seed phrase'. All your transactions and final balance will be restored. However, take note that remarks or labels you may have entered with each transaction (like "payback Alice half of dinner, \$37") are lost in case of a recovery by the seed phrase.
- Although there are standards emerging (BIP32, BIP44 and others), as a standard rule, the Seed Phrases are *not* interchangeable between different wallets. So do not count on seed phrase from wallet X to be importable by wallet Y. [Mycelium on Android being able to import the Seed Phrase from the Trezor hardware wallet, is one positive exception].
- "Device": example: Manufacturer = Apple Model = My old iPhone 5c.
- "Assistance/Trusted person": a friend of family whom you trust that can help your partner in case they need to access your Bitcoin/cryptocurrency funds
- If you want others to be able to access your funds on a PC or phone, also include the login for the PC or passcode for the phone.

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